

# SEW کاتالوگ گیربکس کرانویل

فروشگاه سعدی جنوبی



مدیر فروش:

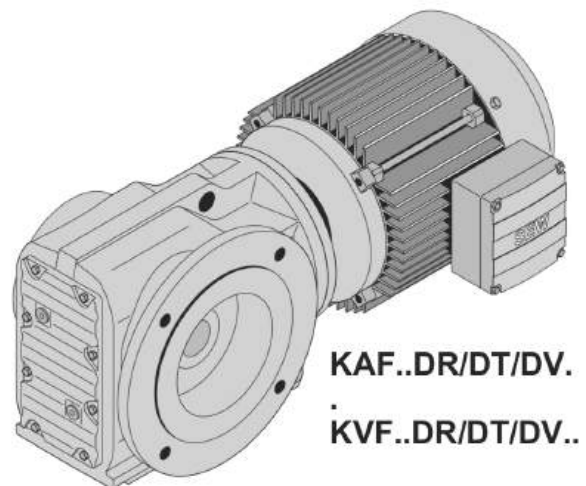
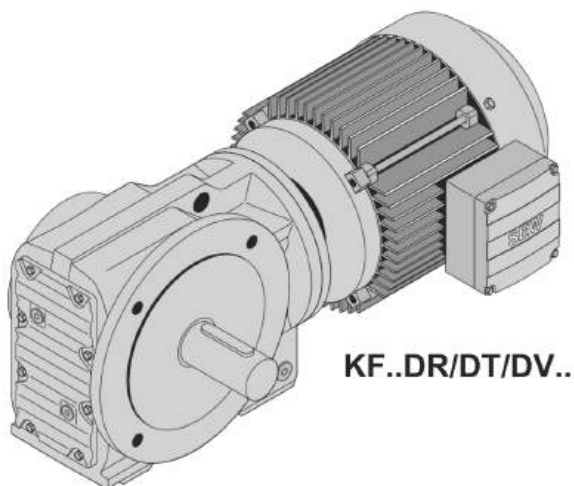
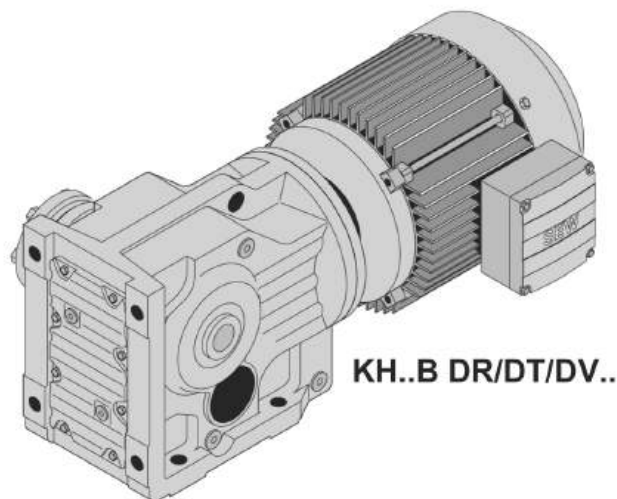
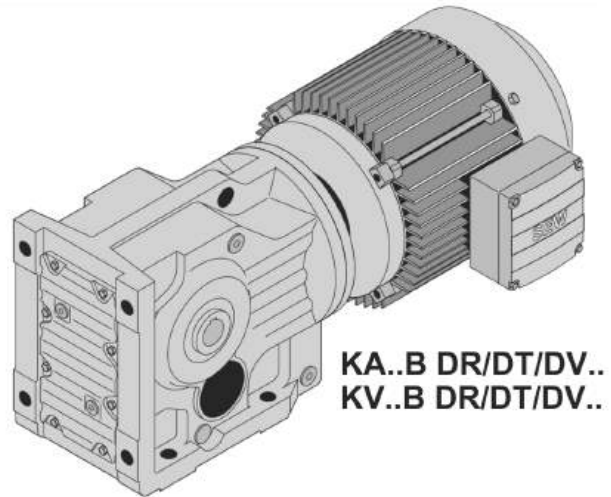
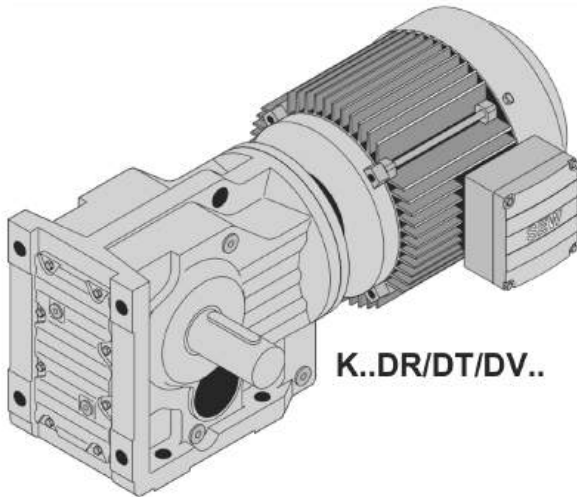
09120252155

02133971782



## 10 K..DR/DT/DV

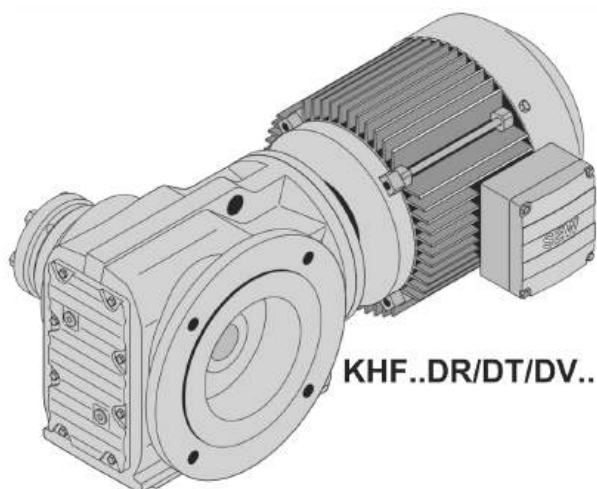
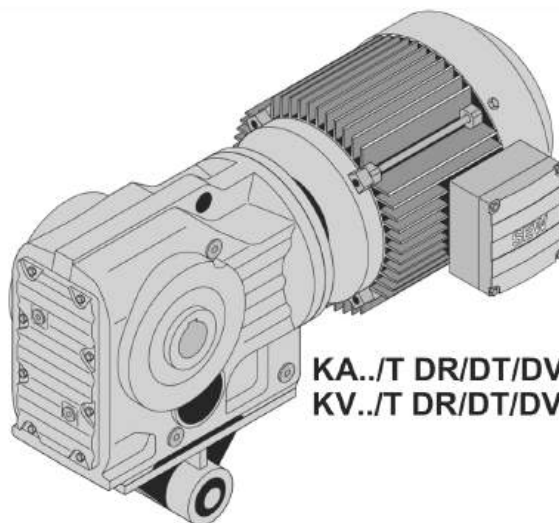
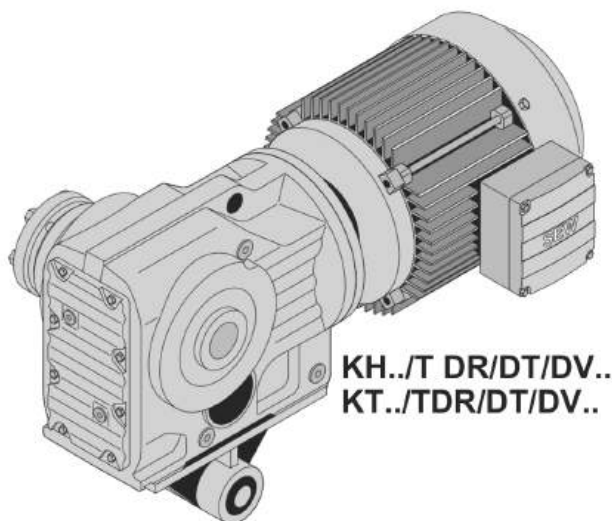
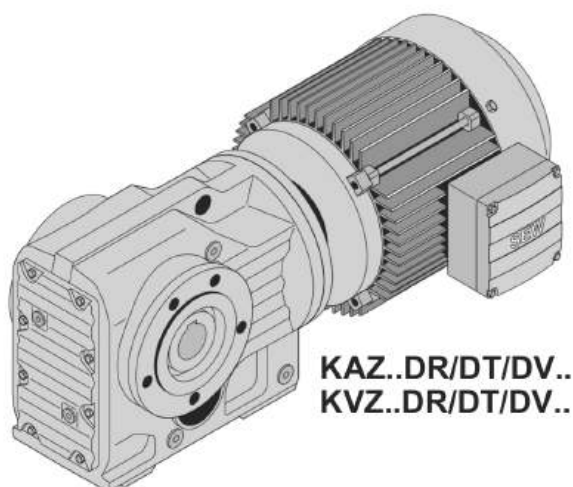
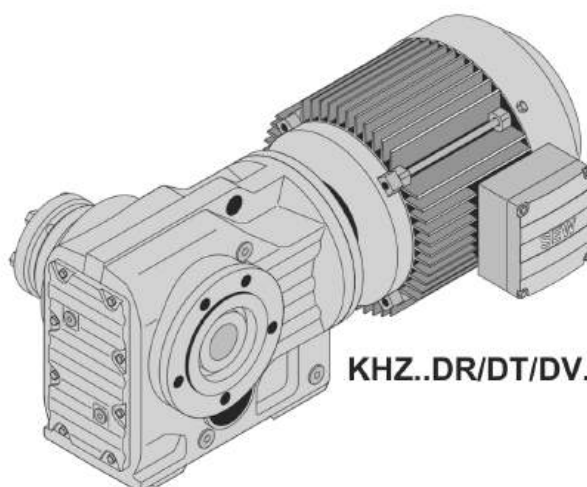
### 10.1 K, KA..(B), KV..(B), KH..(B), KT, KF, KAF, KVF, KHF, KAZ, KVZ..DR/DT/DV



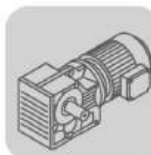
04456AXX

**K..DR/DT/DV**

K, KA..(B), KV..(B), KH..(B), KT, KF, KAF, KVF, KHF, KAZ, KVZ..DR/DT/DV

**KHF..DR/DT/DV..****KA../T DR/DT/DV..  
KV../T DR/DT/DV..****KH../T DR/DT/DV..  
KT../TDR/DT/DV..****KAZ..DR/DT/DV..  
KVZ..DR/DT/DV..****KHZ..DR/DT/DV..**

04457AXX



## 10.2 K.. DR/DT/DV

| K37, ne = 1400 1/min      |                           |                        |                |        | 200 Nm       |      |      |       |
|---------------------------|---------------------------|------------------------|----------------|--------|--------------|------|------|-------|
| n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | φ(/R)<br>[ ' ] | i      | DR63<br>DT71 | DT80 | DT90 | DV100 |
| 13                        | 200                       | 5640                   | 7              | 106.38 |              |      |      |       |
| 14                        | 200                       | 5640                   | 7              | 97.81  |              |      |      |       |
| 17                        | 200                       | 5640                   | 7              | 83.69  |              |      |      |       |
| 19                        | 200                       | 5520                   | 7              | 72.54  |              |      |      |       |
| 21                        | 200                       | 5360                   | 7              | 67.80  |              |      |      |       |
| 24                        | 200                       | 5020                   | 7              | 58.60  |              |      |      |       |
| 28                        | 200                       | 4660                   | 7              | 49.79* |              |      |      |       |
| 31                        | 200                       | 4420                   | 7              | 44.46  |              |      |      |       |
| 37                        | 200                       | 4100                   | 7              | 37.97  |              |      |      |       |
| 39                        | 200                       | 3970                   | 7              | 35.57  |              |      |      |       |
| 47                        | 200                       | 3650                   | 7              | 29.96  |              |      |      |       |
| 49                        | 200                       | 3580                   | 8              | 28.83  |              |      |      |       |
| 56                        | 200                       | 3330                   | 8              | 24.99  |              |      |      |       |
| 60                        | 195                       | 3260                   | 8              | 23.36  |              |      |      |       |
| 69                        | 185                       | 3110                   | 8              | 20.19  |              |      |      |       |
| 82                        | 180                       | 2900                   | 8              |        |              |      |      |       |
| 91                        | 175                       | 2780                   | 9              | 17.15* |              |      |      |       |
| 107                       | 165                       | 2650                   | 9              | 15.31  |              |      |      |       |
| 115                       | 160                       | 2600                   | 12             | 13.08  |              |      |      |       |
| 133                       | 160                       | 2410                   | 12             | 12.14  |              |      |      |       |
| 157                       | 160                       | 2200                   | 12             | 10.49  |              |      |      |       |
| 176                       | 155                       | 2110                   | 13             | 8.91   |              |      |      |       |
| 206                       | 150                       | 1980                   | 13             | 7.96   |              |      |      |       |
| 220                       | 145                       | 1950                   | 13             | 6.80   |              |      |      |       |
| 261                       | 140                       | 1810                   | 13             | 6.37   |              |      |      |       |
| 352                       | 125                       | 1660                   | 13             | 5.36   |              |      |      |       |
|                           |                           |                        |                | 3.98   |              |      |      |       |

| K37R17, ne = 1400 1/min   |                           |                        |                 |      | 200 Nm       |      |  |  |
|---------------------------|---------------------------|------------------------|-----------------|------|--------------|------|--|--|
| n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | φ (/R)<br>[ ' ] | i    | DR63<br>DT71 | DT80 |  |  |
| 3  3                      |                           |                        |                 |      |              |      |  |  |
| 0.20                      | 200                       | 5640                   | -               | 6832 |              |      |  |  |
| 0.24                      | 200                       | 5640                   | -               | 5922 |              |      |  |  |
| 0.25                      | 200                       | 5640                   | -               | 5491 |              |      |  |  |
| 0.29                      | 200                       | 5640                   | -               | 4759 |              |      |  |  |
| 0.34                      | 200                       | 5640                   | -               | 4160 |              |      |  |  |
| 0.38                      | 200                       | 5640                   | -               | 3645 |              |      |  |  |
| 0.44                      | 200                       | 5640                   | -               | 3205 |              |      |  |  |
| 0.50                      | 200                       | 5640                   | -               | 2801 |              |      |  |  |
| 0.57                      | 200                       | 5640                   | -               | 2454 |              |      |  |  |
| 0.65                      | 200                       | 5640                   | -               | 2166 |              |      |  |  |
| 0.74                      | 200                       | 5640                   | -               | 1891 |              |      |  |  |
| 0.84                      | 200                       | 5640                   | -               | 1660 |              |      |  |  |
| 0.95                      | 200                       | 5640                   | -               | 1466 |              |      |  |  |
| 1.1                       | 200                       | 5640                   | -               | 1288 |              |      |  |  |
| 1.2                       | 200                       | 5640                   | -               | 1136 |              |      |  |  |
| 3  2                      |                           |                        |                 |      |              |      |  |  |
| 1.4                       | 200                       | 5640                   | -               | 996  |              |      |  |  |
| 1.6                       | 200                       | 5640                   | -               | 876  |              |      |  |  |
| 1.8                       | 200                       | 5640                   | -               | 761  |              |      |  |  |
| 2.1                       | 200                       | 5640                   | -               | 671  |              |      |  |  |
| 2.4                       | 200                       | 5640                   | -               | 585  |              |      |  |  |
| 2.7                       | 200                       | 5640                   | -               | 512  |              |      |  |  |
| 3.1                       | 200                       | 5640                   | -               | 451  |              |      |  |  |
| 3.5                       | 200                       | 5640                   | -               | 396  |              |      |  |  |



K..DR/DT/DV  
K.. DR/DT/DV

### K37R17, ne = 1400 1/min

200 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DR63<br>DT71 | DT80 |
|---------------|---------------|------------|----------------------|-----|--------------|------|
| 4.0           | 200           | 5640       | -                    | 346 |              |      |
| 4.6           | 200           | 5640       | -                    | 304 |              |      |
| 5.2           | 200           | 5640       | -                    | 267 |              |      |
| 6.0           | 200           | 5640       | -                    | 234 |              |      |
| 6.8           | 200           | 5640       | -                    | 205 |              |      |
| 7.7           | 200           | 5640       | -                    | 181 |              |      |
| 8.8           | 200           | 5640       | -                    | 160 |              |      |
| 10            | 200           | 5640       | -                    | 136 |              |      |
| 11            | 200           | 5640       | -                    | 127 |              |      |
| 13            | 200           | 5640       | -                    | 110 |              |      |
| 15            | 200           | 5640       | -                    | 96  |              |      |

### K47, ne = 1400 1/min

400 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i       | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|---------|--------------|------|------|-------|
| 11            | 400           | 5920       | 6                    | 131.87* |              |      |      |       |
| 12            | 400           | 5920       | 6                    | 121.48* |              |      |      |       |
| 13            | 400           | 5920       | 6                    | 104.37  |              |      |      |       |
| 15            | 400           | 5920       | 6                    | 90.86   |              |      |      |       |
| 16            | 400           | 5920       | 6                    | 85.12*  |              |      |      |       |
| 19            | 400           | 5920       | 6                    | 75.20*  |              |      |      |       |
| 20            | 400           | 5920       | 6                    | 69.84   |              |      |      |       |
| 22            | 400           | 5920       | 7                    | 63.30*  |              |      |      |       |
| 25            | 400           | 5920       | 7                    | 56.83   |              |      |      |       |
| 29            | 400           | 5920       | 7                    | 48.95*  |              |      |      |       |
| 30            | 400           | 5920       | 7                    | 46.03*  |              |      |      |       |
| 35            | 400           | 5920       | 7                    | 39.61   |              |      |      |       |
| 40            | 400           | 5920       | 7                    | 35.39   |              |      |      |       |
| 45            | 400           | 5700       | 7                    | 31.30   |              |      |      |       |
| 48            | 400           | 5520       | 8                    | 29.32   |              |      |      |       |
| 54            | 400           | 5170       | 8                    | 25.91   |              |      |      |       |
| 58            | 400           | 4970       | 8                    | 24.06   |              |      |      |       |
| 64            | 400           | 4710       | 8                    | 21.81   |              |      |      |       |
| 72            | 400           | 4440       | 8                    | 19.58   |              |      |      |       |
| 83            | 380           | 4230       | 8                    | 16.86   |              |      |      |       |
| 88            | 380           | 4080       | 8                    | 15.86   |              |      |      |       |
| 103           | 360           | 3890       | 8                    | 13.65   |              |      |      |       |
| 115           | 350           | 3720       | 8                    | 12.19   |              |      |      |       |
| 119           | 280           | 4060       | 8                    | 11.77   |              |      |      |       |
| 133           | 280           | 3830       | 10                   | 10.56   |              |      |      |       |
| 154           | 280           | 3540       | 11                   | 9.10    |              |      |      |       |
| 164           | 270           | 3500       | 11                   | 8.56    |              |      |      |       |
| 190           | 250           | 3390       | 11                   | 7.36    |              |      |      |       |
| 213           | 240           | 3270       | 11                   | 6.58    |              |      |      |       |
| 241           | 230           | 3140       | 12                   | 5.81    |              |      |      |       |
| 302           | 205           | 2980       | 12                   | 4.64    |              |      |      |       |
|               |               |            | 12                   |         |              |      |      |       |

### K47R37, ne = 1400 1/min

400 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|
| 3  3          |               |            |                      |       |              |      |      |       |
| 0.14          | 400           | 5920       | -                    | 10138 |              |      |      |       |
| 0.16          | 400           | 5920       | -                    | 8534  |              |      |      |       |
| 0.18          | 400           | 5920       | -                    | 7662  |              |      |      |       |
| 0.21          | 400           | 5920       | -                    | 6826  |              |      |      |       |
| 0.23          | 400           | 5920       | -                    | 5983  |              |      |      |       |
| 0.27          | 400           | 5920       | -                    | 5159  |              |      |      |       |
| 0.30          | 400           | 5920       | -                    | 4601  |              |      |      |       |

**K47R37, ne = 1400 1/min****400 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i    | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|------|--------------|------|------|-------|
| 0.36          | 400           | 5920       | -                    | 3940 |              |      |      |       |
| 0.40          | 400           | 5920       | -                    | 3477 |              |      |      |       |
| 0.46          | 400           | 5920       | -                    | 3043 |              |      |      |       |
| 0.51          | 400           | 5920       | -                    | 2733 |              |      |      |       |
| 0.59          | 400           | 5920       | -                    | 2354 |              |      |      |       |
| 0.68          | 400           | 5920       | -                    | 2063 |              |      |      |       |
| 0.77          | 400           | 5920       | -                    | 1819 |              |      |      |       |
| 0.88          | 400           | 5920       | -                    | 1586 |              |      |      |       |
| 1.0           | 400           | 5920       | -                    | 1388 |              |      |      |       |



|     |     |      |   |      |  |  |  |  |
|-----|-----|------|---|------|--|--|--|--|
| 1.1 | 400 | 5920 | - | 1222 |  |  |  |  |
| 1.3 | 400 | 5920 | - | 1097 |  |  |  |  |
| 1.5 | 400 | 5920 | - | 945  |  |  |  |  |
| 1.7 | 400 | 5920 | - | 831  |  |  |  |  |
| 1.9 | 400 | 5920 | - | 718  |  |  |  |  |
| 2.2 | 400 | 5920 | - | 639  |  |  |  |  |
| 2.5 | 400 | 5920 | - | 552  |  |  |  |  |
| 2.8 | 400 | 5920 | - | 495  |  |  |  |  |
| 3.3 | 400 | 5920 | - | 426  |  |  |  |  |
| 3.7 | 400 | 5920 | - | 375  |  |  |  |  |
| 4.3 | 400 | 5920 | - | 327  |  |  |  |  |
| 4.8 | 400 | 5920 | - | 289  |  |  |  |  |
| 5.5 | 400 | 5920 | - | 256  |  |  |  |  |
| 6.2 | 400 | 5920 | - | 225  |  |  |  |  |
| 7.1 | 400 | 5920 | - | 198  |  |  |  |  |
| 8.2 | 400 | 5920 | - | 171  |  |  |  |  |
| 9.2 | 400 | 5920 | - | 153  |  |  |  |  |
| 11  | 400 | 5920 | - | 131  |  |  |  |  |
| 13  | 400 | 5920 | - | 112  |  |  |  |  |
| 14  | 400 | 5920 | - | 99   |  |  |  |  |
| 15  | 400 | 5920 | - | 94   |  |  |  |  |

**K57, ne = 1400 1/min****600 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i       | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 |
|---------------|---------------|------------|----------------------|---------|--------------|------|------|-------|-------|
| 9.6           | 600           | 7630       | 6                    | 145.14* |              |      |      |       |       |
| 11            | 600           | 7630       | 6                    | 123.85  |              |      |      |       |       |
| 13            | 600           | 7630       | 6                    | 108.29  |              |      |      |       |       |
| 14            | 600           | 7630       | 6                    | 102.88* |              |      |      |       |       |
| 16            | 600           | 7630       | 6                    | 90.26*  |              |      |      |       |       |
| 18            | 600           | 7630       | 6                    | 76.56*  |              |      |      |       |       |
| 20            | 600           | 7630       | 6                    | 69.12   |              |      |      |       |       |
| 23            | 600           | 7630       | 6                    | 60.81*  |              |      |      |       |       |
| 24            | 600           | 7630       | 6                    | 57.42*  |              |      |      |       |       |
| 29            | 600           | 7630       | 6                    | 48.89   |              |      |      |       |       |
| 32            | 600           | 7630       | 6                    | 44.43   |              |      |      |       |       |
| 36            | 600           | 7630       | 6                    | 38.49   |              |      |      |       |       |
| 39            | 600           | 7630       | 7                    | 35.70   |              |      |      |       |       |
| 46            | 600           | 7310       | 7                    | 30.28   |              |      |      |       |       |
| 51            | 600           | 6930       | 7                    | 27.34   |              |      |      |       |       |
| 58            | 600           | 6480       | 7                    | 24.05   |              |      |      |       |       |
| 62            | 600           | 6280       | 7                    | 22.71   |              |      |      |       |       |
| 72            | 575           | 5910       | 7                    | 19.34   |              |      |      |       |       |
| 80            | 555           | 5740       | 7                    | 17.57   |              |      |      |       |       |
| 92            | 535           | 5430       | 7                    | 15.22   |              |      |      |       |       |
| 106           | 510           | 5190       | 7                    | 13.25   |              |      |      |       |       |
| 117           | 415           | 5150       | 9                    | 11.92   |              |      |      |       |       |
| 124           | 415           | 4990       | 9                    | 11.26   |              |      |      |       |       |



K..DR/DT/DV  
K.. DR/DT/DV

### K57, ne = 1400 1/min

600 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i    | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 |
|---------------|---------------|------------|----------------------|------|--------------|------|------|-------|-------|
| 146           | 405           | 4650       | 10                   | 9.59 |              |      |      |       |       |
| 161           | 390           | 4520       | 10                   | 8.71 |              |      |      |       |       |
| 185           | 365           | 4360       | 10                   | 7.55 |              |      |      |       |       |
| 213           | 345           | 4190       | 10                   | 6.57 |              |      |      |       |       |
| 299           | 300           | 3800       | 11                   | 4.69 |              |      |      |       |       |

### K57R37, ne = 1400 1/min

600 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|
| 3  3          |               |            |                      |       |              |      |      |       |
| 0.12          | 600           | 7630       | -                    | 12169 |              |      |      |       |
| 0.13          | 600           | 7630       | -                    | 11162 |              |      |      |       |
| 0.15          | 600           | 7630       | -                    | 9503  |              |      |      |       |
| 0.16          | 600           | 7630       | -                    | 8547  |              |      |      |       |
| 0.19          | 600           | 7630       | -                    | 7277  |              |      |      |       |
| 0.22          | 600           | 7630       | -                    | 6478  |              |      |      |       |
| 0.25          | 600           | 7630       | -                    | 5662  |              |      |      |       |
| 0.28          | 600           | 7630       | -                    | 5033  |              |      |      |       |
| 0.32          | 600           | 7630       | -                    | 4340  |              |      |      |       |
| 0.36          | 600           | 7630       | -                    | 3854  |              |      |      |       |
| 0.41          | 600           | 7630       | -                    | 3390  |              |      |      |       |
| 0.48          | 600           | 7630       | -                    | 2924  |              |      |      |       |
| 0.54          | 600           | 7630       | -                    | 2593  |              |      |      |       |
| 0.62          | 600           | 7630       | -                    | 2249  |              |      |      |       |
| 0.70          | 600           | 7630       | -                    | 1986  |              |      |      |       |
| 3  2          |               |            |                      |       |              |      |      |       |
| 0.80          | 600           | 7630       | -                    | 1743  |              |      |      |       |
| 0.91          | 600           | 7630       | -                    | 1539  |              |      |      |       |
| 1.0           | 600           | 7630       | -                    | 1354  |              |      |      |       |
| 1.2           | 600           | 7630       | -                    | 1174  |              |      |      |       |
| 1.4           | 600           | 7630       | -                    | 1036  |              |      |      |       |
| 1.5           | 600           | 7630       | -                    | 906   |              |      |      |       |
| 1.7           | 600           | 7630       | -                    | 806   |              |      |      |       |
| 2.0           | 600           | 7630       | -                    | 699   |              |      |      |       |
| 2.3           | 600           | 7630       | -                    | 615   |              |      |      |       |
| 2.6           | 600           | 7630       | -                    | 544   |              |      |      |       |
| 3.0           | 600           | 7630       | -                    | 473   |              |      |      |       |
| 3.3           | 600           | 7630       | -                    | 421   |              |      |      |       |
| 3.9           | 600           | 7630       | -                    | 362   |              |      |      |       |
| 4.4           | 600           | 7630       | -                    | 319   |              |      |      |       |
| 5.0           | 600           | 7630       | -                    | 280   |              |      |      |       |
| 5.7           | 600           | 7630       | -                    | 246   |              |      |      |       |
| 6.5           | 600           | 7630       | -                    | 215   |              |      |      |       |
| 7.3           | 600           | 7630       | -                    | 192   |              |      |      |       |
| 8.4           | 600           | 7630       | -                    | 166   |              |      |      |       |
| 9.7           | 600           | 7630       | -                    | 145   |              |      |      |       |
| 11            | 600           | 7630       | -                    | 129   |              |      |      |       |
| 13            | 600           | 7630       | -                    | 111   |              |      |      |       |
| 14            | 600           | 7630       | -                    | 97    |              |      |      |       |

### K67, ne = 1400 1/min

820 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i       | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M |
|---------------|---------------|------------|----------------------|---------|--------------|------|------|-------|-------|------------------|
| 9.7           | 820           | 10300      | 6                    | 144.79* |              |      |      |       |       |                  |
| 11            | 820           | 10300      | 6                    | 123.54  |              |      |      |       |       |                  |
| 13            | 820           | 10300      | 6                    | 108.03  |              |      |      |       |       |                  |
| 14            | 820           | 10300      | 6                    | 102.62  |              |      |      |       |       |                  |

**K67, ne = 1400 1/min**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | 820 Nm<br>DV132S<br>DV132M |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|-------|----------------------------|
| 16            | 820           | 10300      | 6                    | 90.04 |              |      |      |       |       |                            |
| 18            | 820           | 10300      | 6                    | 76.37 |              |      |      |       |       |                            |
| 20            | 820           | 10300      | 6                    | 68.95 |              |      |      |       |       |                            |
| 23            | 820           | 10300      | 6                    | 60.66 |              |      |      |       |       |                            |
| 24            | 820           | 10300      | 6                    | 57.28 |              |      |      |       |       |                            |
| 29            | 820           | 10300      | 6                    | 48.77 |              |      |      |       |       |                            |
| 32            | 820           | 10300      | 6                    | 44.32 |              |      |      |       |       |                            |
| 36            | 800           | 10500      | 6                    | 38.39 |              |      |      |       |       |                            |
| 39            | 820           | 10300      | 7                    | 35.62 |              |      |      |       |       |                            |
| 46            | 820           | 10300      | 7                    | 30.22 |              |      |      |       |       |                            |
| 51            | 820           | 10300      | 7                    | 27.28 |              |      |      |       |       |                            |
| 58            | 800           | 10500      | 7                    | 24.00 |              |      |      |       |       |                            |
| 62            | 780           | 10700      | 7                    | 22.66 |              |      |      |       |       |                            |
| 73            | 760           | 10800      | 7                    | 19.30 |              |      |      |       |       |                            |
| 80            | 740           | 11000      | 7                    | 17.54 |              |      |      |       |       |                            |
| 92            | 700           | 11300      | 8                    | 15.19 |              |      |      |       |       |                            |
| 106           | 670           | 11500      | 8                    | 13.22 |              |      |      |       |       |                            |
| 112           | 530           | 12300      | 9                    | 12.48 |              |      |      |       |       |                            |
| 132           | 500           | 11800      | 9                    | 10.63 |              |      |      |       |       |                            |
| 145           | 480           | 11500      | 9                    | 9.66  |              |      |      |       |       |                            |
| 167           | 440           | 11100      | 9                    | 8.37  |              |      |      |       |       |                            |
| 192           | 420           | 10700      | 9                    | 7.28  |              |      |      |       |       |                            |
| 269           | 350           | 9870       | 10                   | 5.20  |              |      |      |       |       |                            |

**K67R37, ne = 1400 1/min**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | 820 Nm |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|--------|
| 3  3          |               |            |                      |       |              |      |      |       |        |
| 0.12          | 820           | 10300      | -                    | 12139 |              |      |      |       |        |
| 0.13          | 820           | 10300      | -                    | 11134 |              |      |      |       |        |
| 0.15          | 820           | 10300      | -                    | 9479  |              |      |      |       |        |
| 0.17          | 820           | 10300      | -                    | 8173  |              |      |      |       |        |
| 0.19          | 820           | 10300      | -                    | 7259  |              |      |      |       |        |
| 0.22          | 820           | 10300      | -                    | 6462  |              |      |      |       |        |
| 0.25          | 820           | 10300      | -                    | 5648  |              |      |      |       |        |
| 0.29          | 820           | 10300      | -                    | 4846  |              |      |      |       |        |
| 0.32          | 820           | 10300      | -                    | 4329  |              |      |      |       |        |
| 0.37          | 820           | 10300      | -                    | 3750  |              |      |      |       |        |
| 0.42          | 820           | 10300      | -                    | 3315  |              |      |      |       |        |
| 0.48          | 820           | 10300      | -                    | 2917  |              |      |      |       |        |
| 0.55          | 820           | 10300      | -                    | 2532  |              |      |      |       |        |
| 0.62          | 820           | 10300      | -                    | 2244  |              |      |      |       |        |
| 0.71          | 820           | 10300      | -                    | 1981  |              |      |      |       |        |
| 3  2          |               |            |                      |       |              |      |      |       |        |
| 0.81          | 820           | 10300      | -                    | 1739  |              |      |      |       |        |
| 0.91          | 820           | 10300      | -                    | 1535  |              |      |      |       |        |
| 1.0           | 820           | 10300      | -                    | 1351  |              |      |      |       |        |
| 1.2           | 820           | 10300      | -                    | 1171  |              |      |      |       |        |
| 1.4           | 820           | 10300      | -                    | 1034  |              |      |      |       |        |
| 1.6           | 820           | 10300      | -                    | 903   |              |      |      |       |        |
| 1.8           | 820           | 10300      | -                    | 793   |              |      |      |       |        |
| 2.0           | 820           | 10300      | -                    | 697   |              |      |      |       |        |
| 2.3           | 820           | 10300      | -                    | 613   |              |      |      |       |        |
| 2.6           | 820           | 10300      | -                    | 542   |              |      |      |       |        |
| 3.0           | 820           | 10300      | -                    | 471   |              |      |      |       |        |
| 3.3           | 820           | 10300      | -                    | 420   |              |      |      |       |        |
| 3.9           | 820           | 10300      | -                    | 361   |              |      |      |       |        |



K..DR/DT/DV  
K.. DR/DT/DV

### K67R37, ne = 1400 1/min

820 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|-----|--------------|------|------|-------|
| 4.3           | 820           | 10300      | -                    | 323 |              |      |      |       |
| 5.0           | 820           | 10300      | -                    | 279 |              |      |      |       |
| 5.7           | 820           | 10300      | -                    | 246 |              |      |      |       |
| 6.5           | 820           | 10300      | -                    | 217 |              |      |      |       |
| 7.3           | 820           | 10300      | -                    | 191 |              |      |      |       |
| 8.4           | 820           | 10300      | -                    | 166 |              |      |      |       |
| 9.7           | 820           | 10300      | -                    | 144 |              |      |      |       |
| 11            | 820           | 10300      | -                    | 122 |              |      |      |       |

### K77, ne = 1400 1/min

1550 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i      | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M |
|---------------|---------------|------------|----------------------|--------|--------------|------|------|-------|-------|------------------|-------------------|
| 7.3           | 1450          | 16100      | 5                    | 192.18 |              |      |      |       |       |                  |                   |
| 7.8           | 1450          | 16100      | 5                    | 179.37 |              |      |      |       |       |                  |                   |
| 9.1           | 1550          | 15400      | 5                    | 154.02 |              |      |      |       |       |                  |                   |
| 10            | 1550          | 15400      | 5                    | 135.28 |              |      |      |       |       |                  |                   |
| 11            | 1550          | 15400      | 5                    | 128.52 |              |      |      |       |       |                  |                   |
| 12            | 1550          | 15400      | 5                    | 113.56 |              |      |      |       |       |                  |                   |
| 14            | 1550          | 15400      | 5                    | 97.05  |              |      |      |       |       |                  |                   |
| 16            | 1550          | 15400      | 5                    | 88.97  |              |      |      |       |       |                  |                   |
| 18            | 1550          | 15400      | 5                    | 78.07  |              |      |      |       |       |                  |                   |
| 19            | 1550          | 15400      | 5                    | 73.99  |              |      |      |       |       |                  |                   |
| 22            | 1550          | 15400      | 5                    | 64.75  |              |      |      |       |       |                  |                   |
| 24            | 1550          | 15400      | 6                    | 58.34  |              |      |      |       |       |                  |                   |
| 27            | 1550          | 15400      | 6                    | 51.18  |              |      |      |       |       |                  |                   |
| 31            | 1550          | 15400      | 6                    | 45.16  |              |      |      |       |       |                  |                   |
| 35            | 1550          | 15400      | 6                    | 40.04  |              |      |      |       |       |                  |                   |
| 36            | 1500          | 15700      | 6                    | 38.39  |              |      |      |       |       |                  |                   |
| 40            | 1550          | 15400      | 6                    | 35.20  |              |      |      |       |       |                  |                   |
| 45            | 1550          | 15400      | 6                    | 30.89  |              |      |      |       |       |                  |                   |
| 48            | 1550          | 15400      | 6                    | 29.27  |              |      |      |       |       |                  |                   |
| 55            | 1550          | 15400      | 6                    | 25.62  |              |      |      |       |       |                  |                   |
| 61            | 1550          | 15400      | 6                    | 23.08  |              |      |      |       |       |                  |                   |
| 69            | 1500          | 15700      | 6                    | 20.25  |              |      |      |       |       |                  |                   |
| 78            | 1450          | 16100      | 6                    | 17.87  |              |      |      |       |       |                  |                   |
| 88            | 1400          | 15500      | 6                    | 15.84  |              |      |      |       |       |                  |                   |
| 104           | 1340          | 14800      | 6                    | 13.52  |              |      |      |       |       |                  |                   |
| 113           | 1000          | 15100      | 7                    | 12.36  |              |      |      |       |       |                  |                   |
| 129           | 990           | 14400      | 8                    | 10.84  |              |      |      |       |       |                  |                   |
| 146           | 940           | 13900      | 8                    | 9.56   |              |      |      |       |       |                  |                   |
| 165           | 890           | 13500      | 8                    | 8.48   |              |      |      |       |       |                  |                   |
| 193           | 820           | 13100      | 8                    | 7.24   |              |      |      |       |       |                  |                   |
|               |               |            | 8                    |        |              |      |      |       |       |                  |                   |

### K77R37, ne = 1400 1/min

1550 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|
| 3  3          |               |            |                      |       |              |      |      |       |
| 0.09          | 1550          | 15400      | -                    | 15310 |              |      |      |       |
| 0.10          | 1550          | 15400      | -                    | 14043 |              |      |      |       |
| 0.12          | 1550          | 15400      | -                    | 11955 |              |      |      |       |
| 0.14          | 1550          | 15400      | -                    | 10217 |              |      |      |       |
| 0.16          | 1550          | 15400      | -                    | 8809  |              |      |      |       |
| 0.19          | 1550          | 15400      | -                    | 7528  |              |      |      |       |
| 0.21          | 1550          | 15400      | -                    | 6606  |              |      |      |       |
| 0.24          | 1550          | 15400      | -                    | 5774  |              |      |      |       |
| 0.28          | 1550          | 15400      | -                    | 5089  |              |      |      |       |
| 0.31          | 1550          | 15400      | -                    | 4489  |              |      |      |       |
| 0.35          | 1550          | 15400      | -                    | 3961  |              |      |      |       |

**K77R37, ne = 1400 1/min****1550 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i    | DR63<br>DT71 | DT80 | DT90 | DV100 |
|---------------|---------------|------------|---------------------|------|--------------|------|------|-------|
| 0.40          | 1550          | 15400      | -                   | 3485 |              |      |      |       |
| 0.48          | 1550          | 15400      | -                   | 2901 |              |      |      |       |
| 0.52          | 1550          | 15400      | -                   | 2717 |              |      |      |       |
| 0.59          | 1550          | 15400      | -                   | 2370 |              |      |      |       |
| 3 2           |               |            |                     |      |              |      |      |       |
| 0.68          | 1550          | 15400      | -                   | 2050 |              |      |      |       |
| 0.79          | 1550          | 15400      | -                   | 1772 |              |      |      |       |
| 0.92          | 1550          | 15400      | -                   | 1514 |              |      |      |       |
| 1.0           | 1550          | 15400      | -                   | 1388 |              |      |      |       |
| 1.1           | 1550          | 15400      | -                   | 1218 |              |      |      |       |
| 1.3           | 1550          | 15400      | -                   | 1053 |              |      |      |       |
| 1.5           | 1550          | 15400      | -                   | 924  |              |      |      |       |
| 1.7           | 1550          | 15400      | -                   | 815  |              |      |      |       |
| 2.0           | 1550          | 15400      | -                   | 709  |              |      |      |       |
| 2.3           | 1550          | 15400      | -                   | 622  |              |      |      |       |
| 2.5           | 1550          | 15400      | -                   | 552  |              |      |      |       |
| 2.9           | 1550          | 15400      | -                   | 485  |              |      |      |       |
| 3.3           | 1550          | 15400      | -                   | 428  |              |      |      |       |
| 3.8           | 1550          | 15400      | -                   | 367  |              |      |      |       |
| 4.3           | 1550          | 15400      | -                   | 328  |              |      |      |       |
| 4.8           | 1550          | 15400      | -                   | 290  |              |      |      |       |
| 5.6           | 1550          | 15400      | -                   | 252  |              |      |      |       |
| 6.3           | 1550          | 15400      | -                   | 221  |              |      |      |       |
| 7.2           | 1550          | 15400      | -                   | 195  |              |      |      |       |
| 8.0           | 1550          | 15400      | -                   | 175  |              |      |      |       |
| 9.1           | 1550          | 15400      | -                   | 154  |              |      |      |       |

**K87, ne = 1400 1/min****2700 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i       | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 |
|---------------|---------------|------------|---------------------|---------|------|------|-------|-------|------------------|-----------------------------|-------|
| 7.1           | 2700          | 27300      | 5                   | 197.37  |      |      |       |       |                  |                             |       |
| 8.0           | 2700          | 27300      | 5                   | 174.19  |      |      |       |       |                  |                             |       |
| 8.5           | 2700          | 27300      | 5                   | 164.34* |      |      |       |       |                  |                             |       |
| 9.5           | 2700          | 27300      | 5                   | 147.32* |      |      |       |       |                  |                             |       |
| 11            | 2700          | 27300      | 5                   | 128.91* |      |      |       |       |                  |                             |       |
| 12            | 2700          | 27300      | 5                   | 115.82  |      |      |       |       |                  |                             |       |
| 14            | 2700          | 27300      | 5                   | 102.71* |      |      |       |       |                  |                             |       |
| 16            | 2700          | 27300      | 5                   | 86.34   |      |      |       |       |                  |                             |       |
| 18            | 2700          | 27300      | 5                   | 79.34   |      |      |       |       |                  |                             |       |
| 20            | 2700          | 27300      | 5                   | 70.46   |      |      |       |       |                  |                             |       |
| 22            | 2700          | 26200      | 5                   | 63.00*  |      |      |       |       |                  |                             |       |
| 25            | 2700          | 25000      | 5                   | 56.64   |      |      |       |       |                  |                             |       |
| 28            | 2700          | 23500      | 5                   | 49.16   |      |      |       |       |                  |                             |       |
| 32            | 2600          | 22800      | 6                   | 44.02   |      |      |       |       |                  |                             |       |
| 38            | 2500          | 21400      | 6                   | 36.52*  |      |      |       |       |                  |                             |       |
| 45            | 2700          | 19200      | 6                   | 31.39   |      |      |       |       |                  |                             |       |
| 50            | 2600          | 18500      | 6                   | 27.88   |      |      |       |       |                  |                             |       |
| 56            | 2500          | 18000      | 6                   | 24.92   |      |      |       |       |                  |                             |       |
| 62            | 2300          | 17900      | 6                   | 22.41   |      |      |       |       |                  |                             |       |
| 72            | 2300          | 16800      | 6                   | 19.45   |      |      |       |       |                  |                             |       |
| 80            | 2200          | 16300      | 6                   | 17.42   |      |      |       |       |                  |                             |       |
| 88            | 1800          | 16000      | 6                   | 16.00   |      |      |       |       |                  |                             |       |
| 97            | 2100          | 15300      | 6                   | 14.45   |      |      |       |       |                  |                             |       |
| 111           | 2000          | 14800      | 6                   | 12.56   |      |      |       |       |                  |                             |       |
| 125           | 1500          | 14900      | 7                   | 11.17   |      |      |       |       |                  |                             |       |
| 140           | 1500          | 14200      | 7                   | 10.00   |      |      |       |       |                  |                             |       |
| 169           | 1400          | 13500      | 7                   | 8.29    |      |      |       |       |                  |                             |       |
| 194           | 1300          | 13200      | 7                   | 7.21    |      |      |       |       |                  |                             |       |



K..DR/DT/DV  
K.. DR/DT/DV

### K87R57, ne = 1400 1/min

2700 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|-------|------------------|
| 3  3          |               |            |                      |       |              |      |      |       |       |                  |
| 0.09          | 2700          | 27300      | -                    | 14829 |              |      |      |       |       |                  |
| 0.11          | 2700          | 27300      | -                    | 13168 |              |      |      |       |       |                  |
| 0.12          | 2700          | 27300      | -                    | 11737 |              |      |      |       |       |                  |
| 0.14          | 2700          | 27300      | -                    | 10217 |              |      |      |       |       |                  |
| 0.15          | 2700          | 27300      | -                    | 9073  |              |      |      |       |       |                  |
| 0.18          | 2700          | 27300      | -                    | 7854  |              |      |      |       |       |                  |
| 0.20          | 2700          | 27300      | -                    | 6832  |              |      |      |       |       |                  |
| 0.24          | 2700          | 27300      | -                    | 5930  |              |      |      |       |       |                  |
| 0.27          | 2700          | 27300      | -                    | 5240  |              |      |      |       |       |                  |
| 0.31          | 2700          | 27300      | -                    | 4562  |              |      |      |       |       |                  |
| 0.35          | 2700          | 27300      | -                    | 4037  |              |      |      |       |       |                  |
| 0.39          | 2700          | 27300      | -                    | 3609  |              |      |      |       |       |                  |
| 0.45          | 2700          | 27300      | -                    | 3107  |              |      |      |       |       |                  |
| 0.51          | 2700          | 27300      | -                    | 2728  |              |      |      |       |       |                  |
| 0.59          | 2700          | 27300      | -                    | 2371  |              |      |      |       |       |                  |
| 3  2          |               |            |                      |       |              |      |      |       |       |                  |
| 0.67          | 2700          | 27300      | -                    | 2088  |              |      |      |       |       |                  |
| 0.76          | 2700          | 27300      | -                    | 1854  |              |      |      |       |       |                  |
| 0.84          | 2700          | 27300      | -                    | 1657  |              |      |      |       |       |                  |
| 0.99          | 2700          | 27300      | -                    | 1415  |              |      |      |       |       |                  |
| 1.1           | 2700          | 27300      | -                    | 1229  |              |      |      |       |       |                  |
| 1.3           | 2700          | 27300      | -                    | 1078  |              |      |      |       |       |                  |
| 1.5           | 2700          | 27300      | -                    | 951   |              |      |      |       |       |                  |
| 1.7           | 2700          | 27300      | -                    | 837   |              |      |      |       |       |                  |
| 1.9           | 2700          | 27300      | -                    | 726   |              |      |      |       |       |                  |
| 2.2           | 2700          | 27300      | -                    | 638   |              |      |      |       |       |                  |
| 2.5           | 2700          | 27300      | -                    | 562   |              |      |      |       |       |                  |
| 3.0           | 2700          | 27300      | -                    | 474   |              |      |      |       |       |                  |
| 3.3           | 2700          | 27300      | -                    | 426   |              |      |      |       |       |                  |
| 3.8           | 2700          | 27300      | -                    | 373   |              |      |      |       |       |                  |
| 4.2           | 2700          | 27300      | -                    | 330   |              |      |      |       |       |                  |
| 4.8           | 2700          | 27300      | -                    | 294   |              |      |      |       |       |                  |
| 5.6           | 2700          | 27300      | -                    | 250   |              |      |      |       |       |                  |
| 5.9           | 2700          | 27300      | -                    | 236   |              |      |      |       |       |                  |
| 7.0           | 2700          | 27300      | -                    | 201   |              |      |      |       |       |                  |
| 7.7           | 2700          | 27300      | -                    | 183   |              |      |      |       |       |                  |
| 8.8           | 2700          | 27300      | -                    | 159   |              |      |      |       |       |                  |
| 9.9           | 2600          | 27400      | -                    | 141   |              |      |      |       |       |                  |

### K97, ne = 1400 1/min

4300 Nm

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i       | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200 |
|---------------|---------------|------------|----------------------|---------|------|-------|-------|------------------|-----------------------------|-------|-------|
| 8.0           | 4300          | 40000      | 7                    | 176.05* |      |       |       |                  |                             |       |       |
| 9.1           | 4300          | 40000      | 7                    | 153.21* |      |       |       |                  |                             |       |       |
| 10            | 4300          | 40000      | 7                    | 140.28  |      |       |       |                  |                             |       |       |
| 11            | 4300          | 40000      | 7                    | 123.93* |      |       |       |                  |                             |       |       |
| 13            | 4300          | 40000      | 7                    | 105.13  |      |       |       |                  |                             |       |       |
| 14            | 4300          | 40000      | 7                    | 96.80   |      |       |       |                  |                             |       |       |
| 16            | 4300          | 38800      | 7                    | 86.52   |      |       |       |                  |                             |       |       |
| 18            | 4300          | 37100      | 7                    | 77.89*  |      |       |       |                  |                             |       |       |
| 20            | 4300          | 35600      | 7                    | 70.54   |      |       |       |                  |                             |       |       |
| 22            | 4300          | 33800      | 7                    | 62.55   |      |       |       |                  |                             |       |       |
| 25            | 4300          | 32300      | 7                    | 56.55   |      |       |       |                  |                             |       |       |
| 29            | 4300          | 30000      | 7                    | 47.93*  |      |       |       |                  |                             |       |       |
| 33            | 4300          | 28300      | 7                    | 41.87   |      |       |       |                  |                             |       |       |
| 37            | 4300          | 27100      | 7                    | 38.30   |      |       |       |                  |                             |       |       |



| K97, ne = 1400 1/min |               |            |                      |       |      |       |       |                  |                             |       | 4300 Nm |
|----------------------|---------------|------------|----------------------|-------|------|-------|-------|------------------|-----------------------------|-------|---------|
| na<br>[1/min]        | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200   |
| 41                   | 4300          | 25700      | 7                    | 34.23 |      |       |       |                  |                             |       |         |
| 45                   | 4300          | 24500      | 7                    | 30.82 |      |       |       |                  |                             |       |         |
| 50                   | 4300          | 23300      | 8                    | 27.91 |      |       |       |                  |                             |       |         |
| 57                   | 4300          | 22000      | 8                    | 24.75 |      |       |       |                  |                             |       |         |
| 63                   | 4300          | 20900      | 8                    | 22.37 |      |       |       |                  |                             |       |         |
| 74                   | 4300          | 19100      | 8                    | 18.96 |      |       |       |                  |                             |       |         |
| 85                   | 4300          | 17800      | 8                    | 16.56 |      |       |       |                  |                             |       |         |
| 101                  | 4300          | 16100      | 8                    | 13.85 |      |       |       |                  |                             |       |         |
| 117                  | 3890          | 16200      | 8                    | 11.99 |      |       |       |                  |                             |       |         |
| 134                  | 2870          | 16400      | 10                   | 10.41 |      |       |       |                  |                             |       |         |
| 161                  | 2660          | 15800      | 10                   | 8.71  |      |       |       |                  |                             |       |         |

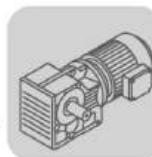
| K97R57, ne = 1400 1/min                                                                                                                                                     |               |            |                      |       |              |      |      |       |       |                  | 4300 Nm |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|----------------------|-------|--------------|------|------|-------|-------|------------------|---------|
| na<br>[1/min]                                                                                                                                                               | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M |         |
|  3  3     |               |            |                      |       |              |      |      |       |       |                  |         |
| 0.08                                                                                                                                                                        | 4300          | 40000      | -                    | 18091 |              |      |      |       |       |                  |         |
| 0.08                                                                                                                                                                        | 4300          | 40000      | -                    | 16666 |              |      |      |       |       |                  |         |
| 0.09                                                                                                                                                                        | 4300          | 40000      | -                    | 14897 |              |      |      |       |       |                  |         |
| 0.11                                                                                                                                                                        | 4300          | 40000      | -                    | 13182 |              |      |      |       |       |                  |         |
| 0.12                                                                                                                                                                        | 4300          | 40000      | -                    | 11677 |              |      |      |       |       |                  |         |
| 0.14                                                                                                                                                                        | 4300          | 40000      | -                    | 10317 |              |      |      |       |       |                  |         |
| 0.15                                                                                                                                                                        | 4300          | 40000      | -                    | 9083  |              |      |      |       |       |                  |         |
| 0.17                                                                                                                                                                        | 4300          | 40000      | -                    | 8054  |              |      |      |       |       |                  |         |
| 0.20                                                                                                                                                                        | 4300          | 40000      | -                    | 6970  |              |      |      |       |       |                  |         |
| 0.23                                                                                                                                                                        | 4300          | 40000      | -                    | 6027  |              |      |      |       |       |                  |         |
| 0.26                                                                                                                                                                        | 4300          | 40000      | -                    | 5391  |              |      |      |       |       |                  |         |
| 0.30                                                                                                                                                                        | 4300          | 40000      | -                    | 4669  |              |      |      |       |       |                  |         |
| 0.34                                                                                                                                                                        | 4300          | 40000      | -                    | 4082  |              |      |      |       |       |                  |         |
| 0.39                                                                                                                                                                        | 4300          | 40000      | -                    | 3583  |              |      |      |       |       |                  |         |
| 0.45                                                                                                                                                                        | 4300          | 40000      | -                    | 3108  |              |      |      |       |       |                  |         |
| 0.51                                                                                                                                                                        | 4300          | 40000      | -                    | 2757  |              |      |      |       |       |                  |         |
|  3  2 |               |            |                      |       |              |      |      |       |       |                  |         |
| 0.58                                                                                                                                                                        | 4300          | 40000      | -                    | 2419  |              |      |      |       |       |                  |         |
| 0.66                                                                                                                                                                        | 4300          | 40000      | -                    | 2123  |              |      |      |       |       |                  |         |
| 0.75                                                                                                                                                                        | 4300          | 40000      | -                    | 1856  |              |      |      |       |       |                  |         |
| 0.86                                                                                                                                                                        | 4300          | 40000      | -                    | 1625  |              |      |      |       |       |                  |         |
| 0.98                                                                                                                                                                        | 4300          | 40000      | -                    | 1430  |              |      |      |       |       |                  |         |
| 1.1                                                                                                                                                                         | 4300          | 40000      | -                    | 1261  |              |      |      |       |       |                  |         |
| 1.3                                                                                                                                                                         | 4300          | 40000      | -                    | 1102  |              |      |      |       |       |                  |         |
| 1.5                                                                                                                                                                         | 4300          | 40000      | -                    | 957   |              |      |      |       |       |                  |         |
| 1.6                                                                                                                                                                         | 4300          | 40000      | -                    | 855   |              |      |      |       |       |                  |         |
| 1.9                                                                                                                                                                         | 4300          | 40000      | -                    | 743   |              |      |      |       |       |                  |         |
| 2.1                                                                                                                                                                         | 4300          | 40000      | -                    | 652   |              |      |      |       |       |                  |         |
| 2.4                                                                                                                                                                         | 4300          | 40000      | -                    | 573   |              |      |      |       |       |                  |         |
| 2.8                                                                                                                                                                         | 4300          | 40000      | -                    | 504   |              |      |      |       |       |                  |         |
| 3.2                                                                                                                                                                         | 4300          | 40000      | -                    | 437   |              |      |      |       |       |                  |         |
| 3.7                                                                                                                                                                         | 4300          | 40000      | -                    | 382   |              |      |      |       |       |                  |         |
| 4.1                                                                                                                                                                         | 4300          | 40000      | -                    | 342   |              |      |      |       |       |                  |         |
| 4.6                                                                                                                                                                         | 4300          | 40000      | -                    | 305   |              |      |      |       |       |                  |         |
| 5.4                                                                                                                                                                         | 4300          | 40000      | -                    | 258   |              |      |      |       |       |                  |         |
| 6.0                                                                                                                                                                         | 4300          | 40000      | -                    | 232   |              |      |      |       |       |                  |         |
| 7.0                                                                                                                                                                         | 4300          | 40000      | -                    | 199   |              |      |      |       |       |                  |         |

**K107, ne = 1400 1/min****8000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i       | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M |
|---------------|---------------|------------|---------------------|---------|-------|-------|------------------|-----------------------------|-------|---------------------------|
| 9.8           | 8000          | 65000      | 6                   | 143.47* |       |       |                  |                             |       |                           |
| 12            | 8000          | 61700      | 6                   | 121.46  |       |       |                  |                             |       |                           |
| 12            | 8000          | 59700      | 6                   | 112.41* |       |       |                  |                             |       |                           |
| 14            | 8000          | 57000      | 6                   | 100.75  |       |       |                  |                             |       |                           |
| 15            | 8000          | 54600      | 6                   | 90.96*  |       |       |                  |                             |       |                           |
| 17            | 8000          | 52400      | 6                   | 82.61   |       |       |                  |                             |       |                           |
| 19            | 8000          | 49700      | 6                   | 73.30   |       |       |                  |                             |       |                           |
| 21            | 8000          | 47600      | 6                   | 66.52*  |       |       |                  |                             |       |                           |
| 24            | 8000          | 44400      | 6                   | 57.17*  |       |       |                  |                             |       |                           |
| 28            | 7840          | 42200      | 6                   | 49.90   |       |       |                  |                             |       |                           |
| 33            | 7360          | 40500      | 6                   | 42.33*  |       |       |                  |                             |       |                           |
| 38            | 7200          | 38500      | 6                   | 37.00*  |       |       |                  |                             |       |                           |
| 43            | 7200          | 36300      | 6                   | 32.69   |       |       |                  |                             |       |                           |
| 45            | 6800          | 36700      | 6                   | 31.28*  |       |       |                  |                             |       |                           |
| 48            | 7200          | 34000      | 6                   | 29.00   |       |       |                  |                             |       |                           |
| 53            | 7200          | 32000      | 6                   | 26.32   |       |       |                  |                             |       |                           |
| 62            | 7200          | 28900      | 6                   | 22.62   |       |       |                  |                             |       |                           |
| 71            | 7200          | 26100      | 6                   | 19.74   |       |       |                  |                             |       |                           |
| 84            | 7050          | 23600      | 7                   | 16.75   |       |       |                  |                             |       |                           |
| 96            | 6890          | 21900      | 7                   | 14.64   |       |       |                  |                             |       |                           |
| 104           | 4300          | 29200      | 9                   | 13.43   |       |       |                  |                             |       |                           |
| 119           | 4300          | 27500      | 9                   | 11.73   |       |       |                  |                             |       |                           |
| 141           | 4190          | 25800      | 9                   | 9.94    |       |       |                  |                             |       |                           |
| 161           | 4070          | 24600      | 9                   | 8.69    |       |       |                  |                             |       |                           |

**K107R77, ne = 1400 1/min****8000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M |
|---------------|---------------|------------|---------------------|-------|--------------|------|------|-------|-------|------------------|-------------------|
| 3  3          |               |            |                     |       |              |      |      |       |       |                  |                   |
| 0.10          | 8000          | 65000      | -                   | 14311 |              |      |      |       |       |                  |                   |
| 0.11          | 8000          | 65000      | -                   | 12211 |              |      |      |       |       |                  |                   |
| 0.13          | 8000          | 65000      | -                   | 10677 |              |      |      |       |       |                  |                   |
| 0.15          | 8000          | 65000      | -                   | 9524  |              |      |      |       |       |                  |                   |
| 0.17          | 8000          | 65000      | -                   | 8328  |              |      |      |       |       |                  |                   |
| 0.19          | 8000          | 65000      | -                   | 7270  |              |      |      |       |       |                  |                   |
| 0.23          | 8000          | 65000      | -                   | 6184  |              |      |      |       |       |                  |                   |
| 0.25          | 8000          | 65000      | -                   | 5662  |              |      |      |       |       |                  |                   |
| 0.27          | 8000          | 65000      | -                   | 5138  |              |      |      |       |       |                  |                   |
| 0.32          | 8000          | 65000      | -                   | 4359  |              |      |      |       |       |                  |                   |
| 0.37          | 8000          | 65000      | -                   | 3810  |              |      |      |       |       |                  |                   |
| 0.42          | 8000          | 65000      | -                   | 3358  |              |      |      |       |       |                  |                   |
| 0.47          | 8000          | 65000      | -                   | 2977  |              |      |      |       |       |                  |                   |
| 0.54          | 8000          | 65000      | -                   | 2599  |              |      |      |       |       |                  |                   |
| 0.61          | 8000          | 65000      | -                   | 2286  |              |      |      |       |       |                  |                   |
| 0.72          | 8000          | 65000      | -                   | 1939  |              |      |      |       |       |                  |                   |
| 3  2          |               |            |                     |       |              |      |      |       |       |                  |                   |
| 0.82          | 8000          | 65000      | -                   | 1713  |              |      |      |       |       |                  |                   |
| 0.90          | 8000          | 65000      | -                   | 1554  |              |      |      |       |       |                  |                   |
| 1.0           | 8000          | 65000      | -                   | 1336  |              |      |      |       |       |                  |                   |
| 1.2           | 8000          | 65000      | -                   | 1166  |              |      |      |       |       |                  |                   |
| 1.4           | 8000          | 65000      | -                   | 1030  |              |      |      |       |       |                  |                   |
| 1.5           | 8000          | 65000      | -                   | 904   |              |      |      |       |       |                  |                   |
| 1.8           | 8000          | 65000      | -                   | 793   |              |      |      |       |       |                  |                   |
| 2.0           | 8000          | 65000      | -                   | 696   |              |      |      |       |       |                  |                   |
| 2.3           | 8000          | 65000      | -                   | 615   |              |      |      |       |       |                  |                   |
| 2.7           | 8000          | 65000      | -                   | 522   |              |      |      |       |       |                  |                   |
| 3.0           | 8000          | 65000      | -                   | 461   |              |      |      |       |       |                  |                   |

**K107R77, ne = 1400 1/min****8000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M |
|---------------|---------------|------------|----------------------|-----|--------------|------|------|-------|-------|------------------|-------------------|
| 3.4           | 8000          | 65000      | -                    | 408 |              |      |      |       |       |                  |                   |
| 3.8           | 8000          | 65000      | -                    | 364 |              |      |      |       |       |                  |                   |
| 4.4           | 8000          | 65000      | -                    | 318 |              |      |      |       |       |                  |                   |
| 4.9           | 8000          | 65000      | -                    | 286 |              |      |      |       |       |                  |                   |
| 5.6           | 8000          | 65000      | -                    | 251 |              |      |      |       |       |                  |                   |
| 6.3           | 8000          | 65000      | -                    | 222 |              |      |      |       |       |                  |                   |
| 7.1           | 8000          | 65000      | -                    | 196 |              |      |      |       |       |                  |                   |
| 8.0           | 7200          | 65000      | -                    | 174 |              |      |      |       |       |                  |                   |
| 9.1           | 7200          | 65000      | -                    | 154 |              |      |      |       |       |                  |                   |
| 10            | 7200          | 65000      | -                    | 140 |              |      |      |       |       |                  |                   |

**K127, ne = 1400 1/min****13000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i      | DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M | DV250M<br>DV280S<br>D280M | D315S<br>D315M |
|---------------|---------------|------------|----------------------|--------|--------|-----------------------------|-------|---------------------------|---------------------------|----------------|
| 9.6           | 13000         | 79200      | 5                    | 146.07 |        |                             |       |                           |                           |                |
| 10            | 13000         | 79200      | 5                    | 136.14 |        |                             |       |                           |                           |                |
| 11            | 13000         | 79200      | 5                    | 122.48 |        |                             |       |                           |                           |                |
| 13            | 13000         | 79200      | 5                    | 110.18 |        |                             |       |                           |                           |                |
| 16            | 13000         | 75100      | 5                    | 89.89  |        |                             |       |                           |                           |                |
| 17            | 13000         | 72100      | 5                    | 81.98  |        |                             |       |                           |                           |                |
| 20            | 13000         | 67700      | 5                    | 70.95* |        |                             |       |                           |                           |                |
| 22            | 13000         | 64000      | 5                    | 62.60  |        |                             |       |                           |                           |                |
| 26            | 13000         | 59900      | 5                    | 54.07  |        |                             |       |                           |                           |                |
| 29            | 13000         | 56500      | 5                    | 47.82  |        |                             |       |                           |                           |                |
| 35            | 13000         | 52000      | 5                    | 40.19  |        |                             |       |                           |                           |                |
| 39            | 13000         | 49400      | 6                    | 36.25  |        |                             |       |                           |                           |                |
| 45            | 13000         | 45900      | 6                    | 31.37  |        |                             |       |                           |                           |                |
| 51            | 13000         | 43000      | 6                    | 27.68  |        |                             |       |                           |                           |                |
| 59            | 13000         | 39800      | 6                    | 23.91  |        |                             |       |                           |                           |                |
| 66            | 13000         | 37200      | 6                    | 21.15  |        |                             |       |                           |                           |                |
| 79            | 13000         | 33600      | 6                    | 17.77  |        |                             |       |                           |                           |                |
| 98            | 12100         | 31800      | 6                    | 14.35  |        |                             |       |                           |                           |                |
| 109           | 8530          | 35400      | 8                    | 12.79  |        |                             |       |                           |                           |                |
| 130           | 8000          | 33900      | 8                    | 10.74  |        |                             |       |                           |                           |                |
| 161           | 7230          | 32500      | 8                    | 8.68   |        |                             |       |                           |                           |                |

**K127R77, ne = 1400 1/min****13000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M |
|---------------|---------------|------------|----------------------|-------|--------------|------|------|-------|-------|------------------|-------------------|
| 3  3          |               |            |                      |       |              |      |      |       |       |                  |                   |
| 0.08          | 13000         | 79200      | -                    | 17550 |              |      |      |       |       |                  |                   |
| 0.09          | 13000         | 79200      | -                    | 16006 |              |      |      |       |       |                  |                   |
| 0.09          | 13000         | 79200      | -                    | 14975 |              |      |      |       |       |                  |                   |
| 0.11          | 13000         | 79200      | -                    | 12440 |              |      |      |       |       |                  |                   |
| 0.13          | 13000         | 79200      | -                    | 10915 |              |      |      |       |       |                  |                   |
| 0.14          | 13000         | 79200      | -                    | 9819  |              |      |      |       |       |                  |                   |
| 0.17          | 13000         | 79200      | -                    | 8443  |              |      |      |       |       |                  |                   |
| 0.19          | 13000         | 79200      | -                    | 7482  |              |      |      |       |       |                  |                   |
| 0.21          | 13000         | 79200      | -                    | 6565  |              |      |      |       |       |                  |                   |
| 0.24          | 13000         | 79200      | -                    | 5804  |              |      |      |       |       |                  |                   |
| 0.28          | 13000         | 79200      | -                    | 5027  |              |      |      |       |       |                  |                   |
| 0.32          | 13000         | 79200      | -                    | 4423  |              |      |      |       |       |                  |                   |
| 0.36          | 13000         | 79200      | -                    | 3889  |              |      |      |       |       |                  |                   |
| 0.42          | 13000         | 79200      | -                    | 3311  |              |      |      |       |       |                  |                   |
| 0.47          | 13000         | 79200      | -                    | 3009  |              |      |      |       |       |                  |                   |
| 0.54          | 13000         | 79200      | -                    | 2607  |              |      |      |       |       |                  |                   |
| 0.62          | 13000         | 79200      | -                    | 2268  |              |      |      |       |       |                  |                   |


**K127R77, ne = 1400 1/min**
**13000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i    | DR63<br>DT71 | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M |
|---------------|---------------|------------|----------------------|------|--------------|------|------|-------|-------|------------------|-------------------|
| 3  2          |               |            |                      |      |              |      |      |       |       |                  |                   |
| 0.73          | 13000         | 79200      | -                    | 1926 |              |      |      |       |       |                  |                   |
| 0.80          | 13000         | 79200      | -                    | 1757 |              |      |      |       |       |                  |                   |
| 0.91          | 13000         | 79200      | -                    | 1541 |              |      |      |       |       |                  |                   |
| 1.0           | 13000         | 79200      | -                    | 1342 |              |      |      |       |       |                  |                   |
| 1.2           | 13000         | 79200      | -                    | 1177 |              |      |      |       |       |                  |                   |
| 1.4           | 13000         | 79200      | -                    | 1025 |              |      |      |       |       |                  |                   |
| 1.6           | 13000         | 79200      | -                    | 899  |              |      |      |       |       |                  |                   |
| 1.8           | 13000         | 79200      | -                    | 790  |              |      |      |       |       |                  |                   |
| 2.0           | 13000         | 79200      | -                    | 704  |              |      |      |       |       |                  |                   |
| 2.3           | 13000         | 79200      | -                    | 610  |              |      |      |       |       |                  |                   |
| 2.6           | 13000         | 79200      | -                    | 549  |              |      |      |       |       |                  |                   |
| 2.9           | 13000         | 79200      | -                    | 477  |              |      |      |       |       |                  |                   |
| 3.3           | 13000         | 79200      | -                    | 418  |              |      |      |       |       |                  |                   |

**K127R87, ne = 1400 1/min**
**13000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 |
|---------------|---------------|------------|----------------------|-----|------|-------|-------|------------------|-----------------------------|-------|
| 3  2          |               |            |                      |     |      |       |       |                  |                             |       |
| 2.6           | 13000         | 79200      | -                    | 536 |      |       |       |                  |                             |       |
| 3.0           | 13000         | 79200      | -                    | 473 |      |       |       |                  |                             |       |
| 3.3           | 13000         | 79200      | -                    | 418 |      |       |       |                  |                             |       |
| 3.8           | 13000         | 79200      | -                    | 367 |      |       |       |                  |                             |       |
| 4.2           | 13000         | 79200      | -                    | 330 |      |       |       |                  |                             |       |
| 4.9           | 13000         | 79200      | -                    | 287 |      |       |       |                  |                             |       |
| 5.5           | 13000         | 79200      | -                    | 253 |      |       |       |                  |                             |       |
| 6.6           | 13000         | 79200      | -                    | 213 |      |       |       |                  |                             |       |
| 7.0           | 12000         | 79700      | -                    | 200 |      |       |       |                  |                             |       |
| 8.4           | 12000         | 79700      | -                    | 166 |      |       |       |                  |                             |       |
| 9.5           | 12000         | 79700      | -                    | 147 |      |       |       |                  |                             |       |

**K157, ne = 1400 1/min**
**18000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i      | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M | DV250M<br>DV280S<br>D280M | D315S<br>D315M | D315M_A<br>D315M_B |
|---------------|---------------|------------|----------------------|--------|-----------------------------|-------|---------------------------|---------------------------|----------------|--------------------|
| 9.3           | 18000         | 112200     | 5                    | 150.41 |                             |       |                           |                           |                |                    |
| 11            | 18000         | 106500     | 5                    | 122.39 |                             |       |                           |                           |                |                    |
| 14            | 18000         | 98000      | 5                    | 100.22 |                             |       |                           |                           |                |                    |
| 15            | 18000         | 94400      | 5                    | 91.65  |                             |       |                           |                           |                |                    |
| 18            | 18000         | 88900      | 5                    | 79.75  |                             |       |                           |                           |                |                    |
| 20            | 18000         | 84200      | 5                    | 70.38  |                             |       |                           |                           |                |                    |
| 23            | 18000         | 79000      | 5                    | 61.02  |                             |       |                           |                           |                |                    |
| 26            | 18000         | 74900      | 5                    | 54.29  |                             |       |                           |                           |                |                    |
| 30            | 18000         | 70000      | 5                    | 46.79  |                             |       |                           |                           |                |                    |
| 37            | 18000         | 63300      | 5                    | 38.02  |                             |       |                           |                           |                |                    |
| 45            | 18000         | 57500      | 6                    | 31.30  |                             |       |                           |                           |                |                    |
| 51            | 18000         | 54000      | 6                    | 27.62  |                             |       |                           |                           |                |                    |
| 58            | 18000         | 50000      | 6                    | 23.95  |                             |       |                           |                           |                |                    |
| 66            | 18000         | 47000      | 6                    | 21.31  |                             |       |                           |                           |                |                    |
| 76            | 18000         | 43200      | 6                    | 18.37  |                             |       |                           |                           |                |                    |
| 94            | 18000         | 38200      | 6                    | 14.92  |                             |       |                           |                           |                |                    |
| 111           | 17000         | 36700      | 6                    | 12.65  |                             |       |                           |                           |                |                    |

**K157R97, ne = 1400 1/min****18000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200 |
|---------------|---------------|------------|----------------------|-------|------|------|-------|-------|------------------|-----------------------------|-------|-------|
| 3  3          |               |            |                      |       |      |      |       |       |                  |                             |       |       |
| 0.08          | 18000         | 112200     | -                    | 17679 |      |      |       |       |                  |                             |       |       |
| 0.09          | 18000         | 112200     | -                    | 15729 |      |      |       |       |                  |                             |       |       |
| 0.10          | 18000         | 112200     | -                    | 14721 |      |      |       |       |                  |                             |       |       |
| 0.11          | 18000         | 112200     | -                    | 13097 |      |      |       |       |                  |                             |       |       |
| 0.12          | 18000         | 112200     | -                    | 11368 |      |      |       |       |                  |                             |       |       |
| 0.14          | 18000         | 112200     | -                    | 10114 |      |      |       |       |                  |                             |       |       |
| 0.16          | 18000         | 112200     | -                    | 8718  |      |      |       |       |                  |                             |       |       |
| 0.18          | 18000         | 112200     | -                    | 7734  |      |      |       |       |                  |                             |       |       |
| 0.20          | 18000         | 112200     | -                    | 6881  |      |      |       |       |                  |                             |       |       |
| 0.24          | 18000         | 112200     | -                    | 5931  |      |      |       |       |                  |                             |       |       |
| 0.28          | 18000         | 112200     | -                    | 5074  |      |      |       |       |                  |                             |       |       |
| 0.31          | 18000         | 112200     | -                    | 4514  |      |      |       |       |                  |                             |       |       |
| 0.35          | 18000         | 112200     | -                    | 3979  |      |      |       |       |                  |                             |       |       |
| 0.40          | 18000         | 112200     | -                    | 3516  |      |      |       |       |                  |                             |       |       |
| 0.46          | 18000         | 112200     | -                    | 3051  |      |      |       |       |                  |                             |       |       |
| 0.54          | 18000         | 112200     | -                    | 2610  |      |      |       |       |                  |                             |       |       |
| 0.60          | 18000         | 112200     | -                    | 2322  |      |      |       |       |                  |                             |       |       |
| 0.69          | 18000         | 112200     | -                    | 2029  |      |      |       |       |                  |                             |       |       |
| 0.78          | 18000         | 112200     | -                    | 1805  |      |      |       |       |                  |                             |       |       |

|      |       |        |   |      |  |  |  |  |  |  |  |  |
|------|-------|--------|---|------|--|--|--|--|--|--|--|--|
| 3  2 |       |        |   |      |  |  |  |  |  |  |  |  |
| 0.84 | 18000 | 112200 | - | 1659 |  |  |  |  |  |  |  |  |
| 1.0  | 18000 | 112200 | - | 1365 |  |  |  |  |  |  |  |  |
| 1.1  | 18000 | 112200 | - | 1229 |  |  |  |  |  |  |  |  |
| 1.3  | 18000 | 112200 | - | 1093 |  |  |  |  |  |  |  |  |
| 1.5  | 18000 | 112200 | - | 942  |  |  |  |  |  |  |  |  |
| 1.6  | 18000 | 112200 | - | 854  |  |  |  |  |  |  |  |  |
| 1.9  | 18000 | 112200 | - | 756  |  |  |  |  |  |  |  |  |
| 2.1  | 18000 | 112200 | - | 661  |  |  |  |  |  |  |  |  |
| 2.5  | 18000 | 112200 | - | 567  |  |  |  |  |  |  |  |  |
| 2.8  | 18000 | 112200 | - | 504  |  |  |  |  |  |  |  |  |
| 3.2  | 18000 | 112200 | - | 434  |  |  |  |  |  |  |  |  |
| 3.7  | 18000 | 112200 | - | 379  |  |  |  |  |  |  |  |  |
| 4.2  | 18000 | 112200 | - | 333  |  |  |  |  |  |  |  |  |
| 4.8  | 18000 | 112200 | - | 291  |  |  |  |  |  |  |  |  |

**K157R107, ne = 1400 1/min****18000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M |
|---------------|---------------|------------|----------------------|-----|------------------|-----------------------------|-------|---------------------------|
| 3  2          |               |            |                      |     |                  |                             |       |                           |
| 3.6           | 18000         | 112200     | -                    | 385 |                  |                             |       |                           |
| 4.3           | 18000         | 112200     | -                    | 325 |                  |                             |       |                           |
| 4.7           | 18000         | 112200     | -                    | 299 |                  |                             |       |                           |
| 5.5           | 18000         | 112200     | -                    | 253 |                  |                             |       |                           |
| 6.1           | 18000         | 112200     | -                    | 230 |                  |                             |       |                           |
| 6.6           | 18000         | 112200     | -                    | 213 |                  |                             |       |                           |
| 7.5           | 18000         | 112200     | -                    | 187 |                  |                             |       |                           |
| 8.9           | 18000         | 112200     | -                    | 157 |                  |                             |       |                           |
| 11            | 18000         | 106500     | -                    | 122 |                  |                             |       |                           |
| 13            | 18000         | 100700     | -                    | 107 |                  |                             |       |                           |


**K167, ne = 1400 1/min**
**32000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i      | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M | DV250M<br>DV280S<br>D280M | D315S<br>D315M | D315M_A<br>D315M_B |
|---------------|---------------|------------|---------------------|--------|-----------------------------|-------|---------------------------|---------------------------|----------------|--------------------|
| 8.5           | 32000         | 150000     | 4                   | 164.50 |                             |       |                           |                           |                |                    |
| 10            | 32000         | 150000     | 5                   | 134.99 |                             |       |                           |                           |                |                    |
| 13            | 32000         | 150000     | 5                   | 109.83 |                             |       |                           |                           |                |                    |
| 16            | 32000         | 147200     | 5                   | 87.86  |                             |       |                           |                           |                |                    |
| 18            | 32000         | 140100     | 5                   | 78.14  |                             |       |                           |                           |                |                    |
| 21            | 32000         | 132000     | 5                   | 68.07  |                             |       |                           |                           |                |                    |
| 23            | 32000         | 125600     | 5                   | 60.74  |                             |       |                           |                           |                |                    |
| 27            | 32000         | 117000     | 5                   | 51.77  |                             |       |                           |                           |                |                    |
| 33            | 32000         | 107400     | 5                   | 42.89  |                             |       |                           |                           |                |                    |
| 38            | 32000         | 99700      | 5                   | 36.61  |                             |       |                           |                           |                |                    |
| 43            | 32000         | 93700      | 5                   | 32.25  |                             |       |                           |                           |                |                    |
| 49            | 32000         | 88600      | 5                   | 28.77  |                             |       |                           |                           |                |                    |
| 57            | 32000         | 81700      | 5                   | 24.52  |                             |       |                           |                           |                |                    |
| 69            | 32000         | 74000      | 5                   | 20.32  |                             |       |                           |                           |                |                    |
| 81            | 32000         | 67900      | 5                   | 17.34  |                             |       |                           |                           |                |                    |

**K167R97, ne = 1400 1/min**
**32000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (R)<br>[ ' ] | i     | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200 |
|---------------|---------------|------------|---------------------|-------|------|------|-------|-------|------------------|-----------------------------|-------|-------|
| 3  3          |               |            |                     |       |      |      |       |       |                  |                             |       |       |
| 0.07          | 32000         | 150000     | -                   | 19723 |      |      |       |       |                  |                             |       |       |
| 0.08          | 32000         | 150000     | -                   | 17406 |      |      |       |       |                  |                             |       |       |
| 0.09          | 32000         | 150000     | -                   | 15000 |      |      |       |       |                  |                             |       |       |
| 0.11          | 32000         | 150000     | -                   | 13238 |      |      |       |       |                  |                             |       |       |
| 0.12          | 32000         | 150000     | -                   | 11573 |      |      |       |       |                  |                             |       |       |
| 0.14          | 32000         | 150000     | -                   | 10264 |      |      |       |       |                  |                             |       |       |
| 0.16          | 32000         | 150000     | -                   | 8628  |      |      |       |       |                  |                             |       |       |
| 0.21          | 32000         | 150000     | -                   | 6562  |      |      |       |       |                  |                             |       |       |
| 0.26          | 32000         | 150000     | -                   | 5355  |      |      |       |       |                  |                             |       |       |
| 0.29          | 32000         | 150000     | -                   | 4788  |      |      |       |       |                  |                             |       |       |
| 0.34          | 32000         | 150000     | -                   | 4079  |      |      |       |       |                  |                             |       |       |
| 0.41          | 32000         | 150000     | -                   | 3376  |      |      |       |       |                  |                             |       |       |
| 0.51          | 32000         | 150000     | -                   | 2755  |      |      |       |       |                  |                             |       |       |
| 0.62          | 32000         | 150000     | -                   | 2263  |      |      |       |       |                  |                             |       |       |
| 3  2          |               |            |                     |       |      |      |       |       |                  |                             |       |       |
| 0.64          | 32000         | 150000     | -                   | 2182  |      |      |       |       |                  |                             |       |       |
| 0.82          | 32000         | 150000     | -                   | 1704  |      |      |       |       |                  |                             |       |       |
| 0.99          | 32000         | 150000     | -                   | 1408  |      |      |       |       |                  |                             |       |       |
| 1.1           | 32000         | 150000     | -                   | 1296  |      |      |       |       |                  |                             |       |       |
| 1.3           | 32000         | 150000     | -                   | 1101  |      |      |       |       |                  |                             |       |       |
| 1.5           | 32000         | 150000     | -                   | 944   |      |      |       |       |                  |                             |       |       |
| 1.7           | 32000         | 150000     | -                   | 843   |      |      |       |       |                  |                             |       |       |
| 1.8           | 32000         | 150000     | -                   | 757   |      |      |       |       |                  |                             |       |       |
| 2.2           | 32000         | 150000     | -                   | 632   |      |      |       |       |                  |                             |       |       |
| 2.5           | 32000         | 150000     | -                   | 561   |      |      |       |       |                  |                             |       |       |
| 2.9           | 32000         | 150000     | -                   | 481   |      |      |       |       |                  |                             |       |       |
| 3.3           | 32000         | 150000     | -                   | 423   |      |      |       |       |                  |                             |       |       |
| 3.8           | 32000         | 150000     | -                   | 369   |      |      |       |       |                  |                             |       |       |

**K167R107, ne = 1400 1/min****32000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M |
|---------------|---------------|------------|----------------------|-----|-------|-------|------------------|-----------------------------|-------|---------------------------|
| 3  2          |               |            |                      |     |       |       |                  |                             |       |                           |
| 4.4           | 32000         | 150000     | -                    | 318 |       |       |                  |                             |       |                           |
| 5.0           | 32000         | 150000     | -                    | 278 |       |       |                  |                             |       |                           |
| 5.7           | 32000         | 150000     | -                    | 244 |       |       |                  |                             |       |                           |
| 6.6           | 32000         | 150000     | -                    | 213 |       |       |                  |                             |       |                           |
| 6.8           | 32000         | 150000     | -                    | 206 |       |       |                  |                             |       |                           |
| 7.8           | 32000         | 150000     | -                    | 180 |       |       |                  |                             |       |                           |
| 8.8           | 32000         | 150000     | -                    | 160 |       |       |                  |                             |       |                           |
| 10            | 32000         | 150000     | -                    | 135 |       |       |                  |                             |       |                           |
| 12            | 32000         | 150000     | -                    | 118 |       |       |                  |                             |       |                           |

**K187, ne = 1400 1/min****50000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i      | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M | DV250M<br>DV280S<br>D280M | D315S<br>D315M | D315M_A<br>D315M_B |
|---------------|---------------|------------|----------------------|--------|-----------------------------|-------|---------------------------|---------------------------|----------------|--------------------|
| 7.8           | 50000         | 189900     | 4                    | 179.86 |                             |       |                           |                           |                |                    |
| 8.5           | 50000         | 189900     | 4                    | 165.21 |                             |       |                           |                           |                |                    |
| 9.7           | 50000         | 189900     | 4                    | 144.59 |                             |       |                           |                           |                |                    |
| 11            | 50000         | 188200     | 4                    | 129.69 |                             |       |                           |                           |                |                    |
| 12            | 50000         | 177200     | 4                    | 112.60 |                             |       |                           |                           |                |                    |
| 14            | 50000         | 169900     | 4                    | 102.16 |                             |       |                           |                           |                |                    |
| 16            | 50000         | 159000     | 4                    | 88.00  |                             |       |                           |                           |                |                    |
| 19            | 50000         | 147000     | 4                    | 73.96  |                             |       |                           |                           |                |                    |
| 22            | 50000         | 137500     | 4                    | 64.04  |                             |       |                           |                           |                |                    |
| 26            | 50000         | 126100     | 4                    | 53.36  |                             |       |                           |                           |                |                    |
| 31            | 50000         | 116600     | 4                    | 45.50* |                             |       |                           |                           |                |                    |
| 33            | 50000         | 112700     | 4                    | 42.51  |                             |       |                           |                           |                |                    |
| 36            | 50000         | 107200     | 4                    | 38.57  |                             |       |                           |                           |                |                    |
| 42            | 50000         | 99100      | 4                    | 33.23  |                             |       |                           |                           |                |                    |
| 50            | 50000         | 90200      | 4                    | 27.92  |                             |       |                           |                           |                |                    |
| 58            | 47600         | 86800      | 4                    | 24.18  |                             |       |                           |                           |                |                    |
| 69            | 43900         | 84000      | 4                    | 20.15  |                             |       |                           |                           |                |                    |
| 81            | 41400         | 80800      | 4                    | 17.18  |                             |       |                           |                           |                |                    |

**K187R97, ne = 1400 1/min****50000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i     | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M<br>DV160L | DV132ML<br>DV160M<br>DV160L | DV180 | DV200 |
|---------------|---------------|------------|----------------------|-------|------|------|-------|-------|----------------------------|-----------------------------|-------|-------|
| 3  3          |               |            |                      |       |      |      |       |       |                            |                             |       |       |
| 0.04          | 50000         | 189900     | -                    | 32625 |      |      |       |       |                            |                             |       |       |
| 0.05          | 50000         | 189900     | -                    | 27165 |      |      |       |       |                            |                             |       |       |
| 0.06          | 50000         | 189900     | -                    | 24353 |      |      |       |       |                            |                             |       |       |
| 0.07          | 50000         | 189900     | -                    | 19144 |      |      |       |       |                            |                             |       |       |
| 0.08          | 50000         | 189900     | -                    | 16978 |      |      |       |       |                            |                             |       |       |
| 0.10          | 50000         | 189900     | -                    | 14272 |      |      |       |       |                            |                             |       |       |
| 0.11          | 50000         | 189900     | -                    | 13116 |      |      |       |       |                            |                             |       |       |
| 0.12          | 50000         | 189900     | -                    | 11647 |      |      |       |       |                            |                             |       |       |
| 0.13          | 50000         | 189900     | -                    | 10413 |      |      |       |       |                            |                             |       |       |
| 0.15          | 50000         | 189900     | -                    | 9363  |      |      |       |       |                            |                             |       |       |
| 0.17          | 50000         | 189900     | -                    | 8126  |      |      |       |       |                            |                             |       |       |
| 0.19          | 50000         | 189900     | -                    | 7343  |      |      |       |       |                            |                             |       |       |
| 0.21          | 50000         | 189900     | -                    | 6747  |      |      |       |       |                            |                             |       |       |
| 0.23          | 50000         | 189900     | -                    | 5991  |      |      |       |       |                            |                             |       |       |
| 0.26          | 50000         | 189900     | -                    | 5358  |      |      |       |       |                            |                             |       |       |
| 0.29          | 50000         | 189900     | -                    | 4817  |      |      |       |       |                            |                             |       |       |
| 0.32          | 50000         | 189900     | -                    | 4370  |      |      |       |       |                            |                             |       |       |
| 0.50          | 50000         | 189900     | -                    | 2818  |      |      |       |       |                            |                             |       |       |


**K187R97, ne = 1400 1/min**
**50000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i    | DT80 | DT90 | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200 |
|---------------|---------------|------------|----------------------|------|------|------|-------|-------|------------------|-----------------------------|-------|-------|
| 3  2          |               |            |                      |      |      |      |       |       |                  |                             |       |       |
| 0.39          | 50000         | 189900     | -                    | 3609 |      |      |       |       |                  |                             |       |       |
| 0.46          | 50000         | 189900     | -                    | 3062 |      |      |       |       |                  |                             |       |       |
| 0.56          | 50000         | 189900     | -                    | 2519 |      |      |       |       |                  |                             |       |       |
| 0.62          | 50000         | 189900     | -                    | 2268 |      |      |       |       |                  |                             |       |       |
| 0.68          | 50000         | 189900     | -                    | 2054 |      |      |       |       |                  |                             |       |       |
| 0.77          | 50000         | 189900     | -                    | 1821 |      |      |       |       |                  |                             |       |       |
| 0.87          | 50000         | 189900     | -                    | 1605 |      |      |       |       |                  |                             |       |       |
| 1.0           | 50000         | 189900     | -                    | 1395 |      |      |       |       |                  |                             |       |       |
| 1.2           | 50000         | 189900     | -                    | 1196 |      |      |       |       |                  |                             |       |       |
| 1.3           | 50000         | 189900     | -                    | 1046 |      |      |       |       |                  |                             |       |       |
| 1.5           | 50000         | 189900     | -                    | 945  |      |      |       |       |                  |                             |       |       |
| 1.9           | 50000         | 189900     | -                    | 738  |      |      |       |       |                  |                             |       |       |
| 2.3           | 50000         | 189900     | -                    | 621  |      |      |       |       |                  |                             |       |       |
| 2.7           | 50000         | 189900     | -                    | 527  |      |      |       |       |                  |                             |       |       |

**K187R107, ne = 1400 1/min**
**50000 Nm**

| na<br>[1/min] | Mamax<br>[Nm] | FRa<br>[N] | $\phi$ (/R)<br>[ ' ] | i   | DV100 | DV112 | DV132S<br>DV132M | DV132ML<br>DV160M<br>DV160L | DV180 | DV200<br>DV225S<br>DV225M |
|---------------|---------------|------------|----------------------|-----|-------|-------|------------------|-----------------------------|-------|---------------------------|
| 3  2          |               |            |                      |     |       |       |                  |                             |       |                           |
| 1.7           | 50000         | 189900     | -                    | 835 |       |       |                  |                             |       |                           |
| 1.9           | 50000         | 189900     | -                    | 729 |       |       |                  |                             |       |                           |
| 2.3           | 50000         | 189900     | -                    | 622 |       |       |                  |                             |       |                           |
| 2.7           | 50000         | 189900     | -                    | 520 |       |       |                  |                             |       |                           |
| 3.1           | 50000         | 189900     | -                    | 454 |       |       |                  |                             |       |                           |
| 3.9           | 50000         | 189900     | -                    | 355 |       |       |                  |                             |       |                           |
| 5.4           | 50000         | 189900     | -                    | 261 |       |       |                  |                             |       |                           |
| 6.3           | 50000         | 189900     | -                    | 221 |       |       |                  |                             |       |                           |
| 7.3           | 50000         | 189900     | -                    | 193 |       |       |                  |                             |       |                           |
| 8.6           | 50000         | 189900     | -                    | 163 |       |       |                  |                             |       |                           |



## 10.3 K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
|            |               | 10900      |       | 80300                                |        |                                                                                    |         |    |      |           |                                                                                     |
| 0.12       | 0.08          | 9900       | 17550 | 80700                                | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.09          | 9260       | 16006 | 81000                                | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.09          | 7690       | 14975 | 81600                                | 1.40   | K                                                                                  | 127 R77 | DR | 63S4 | 470       | 490                                                                                 |
|            | 0.11          | 6750       | 12440 | 81900                                | 1.70   | KF                                                                                 | 127 R77 | DR | 63S4 | 510       | 490                                                                                 |
|            | 0.13          | 6070       | 10915 | 82000                                | 1.95   | KA                                                                                 | 127 R77 | DR | 63S4 | 440       | 490                                                                                 |
|            | 0.14          | 5190       | 9819  | 82300                                | 2.1    | KAF                                                                                | 127 R77 | DR | 63S4 | 480       | 490                                                                                 |
|            | 0.16          | 4630       | 8443  | 82400                                | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.18          | 8850       | 7482  | 82400                                | 2.8    |                                                                                    |         |    |      |           |                                                                                     |
|            |               |            |       | 65000                                | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.10          | 7550       | 14311 | 65000                                | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.11          | 6600       | 12211 | 65000                                | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.13          | 5890       | 10677 | 65000                                | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.14          | 5150       | 9524  | 65000                                | 1.55   | K                                                                                  | 107 R77 | DR | 63S4 | 310       | 490                                                                                 |
|            | 0.17          | 4500       | 8328  | 65000                                | 1.80   | KF                                                                                 | 107 R77 | DR | 63S4 | 320       | 490                                                                                 |
|            | 0.19          | 3710       | 7270  | 65000                                | 2.2    | KA                                                                                 | 107 R77 | DR | 63S4 | 280       | 490                                                                                 |
|            | 0.22          | 3220       | 6184  | 65000                                | 2.5    | KAF                                                                                | 107 R77 | DR | 63S4 | 305       | 490                                                                                 |
|            | 0.24          | 2920       | 5662  | 65000                                | 2.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.27          | 2680       | 5138  | 65000                                | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.32          | 5460       | 4359  | 39400                                | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.17          | 4430       | 8054  | 40000                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.20          | 4000       | 6970  | 40000                                | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.23          | 3660       | 6027  | 40000                                | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.26          | 3020       | 5391  | 40000                                | 1.40   | K                                                                                  | 97 R57  | DR | 63S4 | 180       | 490                                                                                 |
|            | 0.30          | 2740       | 4669  | 40000                                | 1.55   | KF                                                                                 | 97 R57  | DR | 63S4 | 200       | 490                                                                                 |
|            | 0.34          | 2380       | 4082  | 40000                                | 1.80   | KA                                                                                 | 97 R57  | DR | 63S4 | 160       | 490                                                                                 |
|            | 0.39          | 2100       | 3583  | 40000                                | 2.1    | KAF                                                                                | 97 R57  | DR | 63S4 | 185       | 490                                                                                 |
|            | 0.44          | 1770       | 3108  | 40000                                | 2.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.50          | 1650       | 2757  | 40000                                | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.57          | 1430       | 2419  | 40000                                | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.65          | 1270       | 2123  | 40000                                | 3.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.74          | 1050       | 1856  | 40000                                | 4.1    | K                                                                                  | 97 R57  | DR | 63S4 | 180       | 490                                                                                 |
|            | 0.85          | 890        | 1625  | 40000                                | 4.8    | KF                                                                                 | 97 R57  | DR | 63S4 | 200       | 490                                                                                 |
|            | 0.96          | 870        | 1430  | 40000                                | 5.0    | KA                                                                                 | 97 R57  | DR | 63S4 | 160       | 490                                                                                 |
|            | 1.1           | 755        | 1261  | 40000                                | 5.7    | KAF                                                                                | 97 R57  | DR | 63S4 | 185       | 490                                                                                 |
|            | 1.2           | 3480       | 1102  | 26200                                | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.26          | 2900       | 5240  | 27000                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.30          | 2680       | 4562  | 27300                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.34          | 2400       | 4037  | 27600                                | 1.15   | K                                                                                  | 87 R57  | DR | 63S4 | 120       | 490                                                                                 |
|            | 0.38          | 2070       | 3609  | 28000                                | 1.30   | KF                                                                                 | 87 R57  | DR | 63S4 | 130       | 490                                                                                 |
|            | 0.44          | 1730       | 3107  | 28300                                | 1.55   | KA                                                                                 | 87 R57  | DR | 63S4 | 105       | 490                                                                                 |
|            | 0.51          | 1530       | 2728  | 28400                                | 1.75   | KAF                                                                                | 87 R57  | DR | 63S4 | 120       | 490                                                                                 |
|            | 0.58          | 1430       | 2371  | 28500                                | 1.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.66          | 1270       | 2088  | 28600                                | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.74          | 1140       | 1854  | 28700                                | 2.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.83          | 970        | 1657  | 28800                                | 2.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.97          | 840        | 1415  | 28900                                | 3.2    | K                                                                                  | 87 R57  | DR | 63S4 | 120       | 490                                                                                 |
|            | 1.1           | 725        | 1229  | 28900                                | 3.7    | KF                                                                                 | 87 R57  | DR | 63S4 | 125       | 490                                                                                 |
|            | 1.3           | 610        | 1078  | 29000                                | 4.4    | KA                                                                                 | 87 R57  | DR | 63S4 | 105       | 490                                                                                 |
|            | 1.4           | 525        |       | 29000                                | 5.2    | KAF                                                                                | 87 R57  | DR | 63S4 | 120       | 490                                                                                 |
|            | 1.7           | 455        | 951   | 29000                                | 5.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 1840       | 837   | 11500                                | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.51          | 1530       | 726   | 15500                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.58          |            | 2717  |                                      |        | K                                                                                  | 77 R37  | DR | 63S4 | 69        | 490                                                                                 |
|            |               |            | 2370  |                                      |        | KF                                                                                 | 77 R37  | DR | 63S4 | 78        | 490                                                                                 |
|            |               |            |       |                                      |        | KA                                                                                 | 77 R37  | DR | 63S4 | 62        | 490                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 77 R37  | DR | 63S4 | 70        | 490                                                                                 |
|            | 0.67          | 1440       | 2050  | 16100                                | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.78          | 1230       | 1772  | 17300                                | 1.25   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.91          | 1050       | 1514  | 18100                                | 1.50   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.99          | 960        | 1388  | 18500                                | 1.60   | K                                                                                  | 77 R37  | DR | 63S4 | 69        | 490                                                                                 |
|            | 1.1           | 840        | 1218  | 18900                                | 1.85   | KF                                                                                 | 77 R37  | DR | 63S4 | 77        | 490                                                                                 |
|            | 1.3           | 740        | 1053  | 19200                                | 2.1    | KA                                                                                 | 77 R37  | DR | 63S4 | 62        | 490                                                                                 |
|            | 1.5           | 645        | 924   | 19400                                | 2.4    | KAF                                                                                | 77 R37  | DR | 63S4 | 70        | 490                                                                                 |
|            | 1.7           | 570        |       | 19600                                | 2.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 450        | 815   | 19800                                | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.2           | 395        | 709   | 19900                                | 3.9    |                                                                                    |         |    |      |           |                                                                                     |
|            |               |            | 622   |                                      |        |                                                                                    |         |    |      |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F1)Ra<br>[N] | SEW fB |  |        |    |      | m<br>[kg] |  |  |
|------------|---------------|------------|---------|--------------|--------|------------------------------------------------------------------------------------|--------|----|------|-----------|-------------------------------------------------------------------------------------|--|
| 0.12       |               | 960        |         | 6940         |        |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.0           | 830        | 1351    | 10300        | 0.85   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.2           | 725        | 1171    | 11100        | 1.00   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.3           | 605        | 1034    | 11900        | 1.15   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.5           | 570        | 903     | 12100        | 1.35   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.7           | 455        | 793     | 12600        | 1.45   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.0           | 400        | 697     | 12800        | 1.80   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.2           | 350        | 613     | 13000        | 2.0    | K                                                                                  | 67 R37 | DR | 63S4 | 45        | 490                                                                                 |  |
|            | 2.6           | 330        | 542     | 13000        | 2.3    | KF                                                                                 | 67 R37 | DR | 63S4 | 51        | 490                                                                                 |  |
|            | 2.9           | 270        | 471     | 13000        | 2.5    | KA                                                                                 | 67 R37 | DR | 63S4 | 42        | 490                                                                                 |  |
|            | 3.3           | 250        | 420     | 13000        | 3.0    | KAF                                                                                | 67 R37 | DR | 63S4 | 48        | 490                                                                                 |  |
|            | 3.8           | 220        | 361     | 13000        | 3.3    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 4.3           | 181        | 323     | 13000        | 3.8    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 5.0           | 159        | 279     | 13000        | 4.5    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 5.6           | 139        | 246     | 13000        | 5.2    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 6.4           | 605        | 217     | 13000        | 5.9    |                                                                                    |        |    |      |           |                                                                                     |  |
|            |               |            | 906     | 7590         | 1.00   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.5           | 545        | 806     | 8060         | 1.10   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 1.7           | 455        | 806     | 8630         | 1.30   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.0           | 400        | 699     | 8870         | 1.50   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.2           | 350        | 615     | 9080         | 1.70   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.5           | 325        | 544     | 9190         | 1.85   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.9           | 275        | 473     | 9390         | 2.2    | K                                                                                  | 57 R37 | DR | 63S4 | 39        | 490                                                                                 |  |
|            | 3.3           | 250        | 421     | 9470         | 2.4    | KF                                                                                 | 57 R37 | DR | 63S4 | 44        | 490                                                                                 |  |
|            | 3.8           | 220        | 362     | 9570         | 2.8    | KA                                                                                 | 57 R37 | DR | 63S4 | 37        | 490                                                                                 |  |
|            | 4.3           | 181        | 319     | 9690         | 3.3    | KAF                                                                                | 57 R37 | DR | 63S4 | 43        | 490                                                                                 |  |
|            | 4.9           | 160        | 280     | 9760         | 3.8    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 5.6           | 141        | 246     | 9810         | 4.3    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 6.4           | 126        | 215     | 9850         | 4.8    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 7.2           | 380        | 192     | 6170         | 1.05   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.5           | 325        | 552     | 6840         | 1.25   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 2.8           | 290        | 496     | 7160         | 1.40   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 3.2           | 245        | 426     | 7510         | 1.65   | K                                                                                  | 47 R37 | DR | 63S4 | 33        | 490                                                                                 |  |
|            | 3.7           | 225        | 375     | 7620         | 1.75   | KF                                                                                 | 47 R37 | DR | 63S4 | 36        | 490                                                                                 |  |
|            | 4.2           | 198        | 327     | 7780         | 2.0    | KA                                                                                 | 47 R37 | DR | 63S4 | 32        | 490                                                                                 |  |
|            | 4.8           | 245        | 289     | 3540         | 0.80   | KAF                                                                                | 47 R37 | DR | 63S4 | 35        | 490                                                                                 |  |
|            | 4.0           | 205        | 346     | 5570         | 0.95   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 4.5           | 189        | 304     | 5760         | 1.05   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 5.2           | 163        | 267     | 6010         | 1.20   |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 5.9           | 143        | 234     | 6180         | 1.40   | K                                                                                  | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |  |
|            | 6.7           | 124        | 205     | 6300         | 1.60   | KF                                                                                 | 37 R17 | DR | 63S4 | 21        | 490                                                                                 |  |
|            | 7.6           | 109        | 181     | 6400         | 1.85   | KA                                                                                 | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |  |
|            | 8.6           | 91         | 160     | 6490         | 2.2    | KAF                                                                                | 37 R17 | DR | 63S4 | 20        | 490                                                                                 |  |
|            | 10            | 184        | 136     | 13000        | 4.5    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 6.2           |            |         |              |        |                                                                                    |        |    |      |           |                                                                                     |  |
|            |               |            | 144.79* |              |        | K                                                                                  | 67     | DR | 63M6 | 34        | 454                                                                                 |  |
|            |               |            |         |              |        | KF                                                                                 | 67     | DR | 63M6 | 40        | 455                                                                                 |  |
|            |               |            |         |              |        | KA                                                                                 | 67     | DR | 63M6 | 32        | 456                                                                                 |  |
|            |               |            |         |              |        | KAF                                                                                | 67     | DR | 63M6 | 37        | 455                                                                                 |  |
|            | 6.2           | 185        | 145.14* | 9680         | 3.3    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 7.3           | 158        | 123.85  | 9760         | 3.8    | K                                                                                  | 57     | DR | 63M6 | 28        | 449                                                                                 |  |
|            | 8.3           | 138        | 108.29  | 9820         | 4.4    | KF                                                                                 | 57     | DR | 63M6 | 33        | 450                                                                                 |  |
|            | 8.8           | 131        | 102.88* | 9840         | 4.6    | KA                                                                                 | 57     | DR | 63M6 | 26        | 451                                                                                 |  |
|            | 10            | 115        | 90.26*  | 9880         | 5.2    | KAF                                                                                | 57     | DR | 63M6 | 32        | 450                                                                                 |  |
|            | 12            | 98         | 76.56*  | 9930         | 6.2    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 9.5           | 121        | 145.14* | 9870         | 5.0    |                                                                                    |        |    |      |           |                                                                                     |  |
|            | 11            | 103        | 123.85  | 9920         | 5.8    | K                                                                                  | 57     | DR | 63S4 | 28        | 449                                                                                 |  |
|            | 13            | 90         | 108.29  | 9950         | 6.7    | KF                                                                                 | 57     | DR | 63S4 | 33        | 450                                                                                 |  |
|            | 13            | 85         | 102.88* | 9960         | 7.0    | KA                                                                                 | 57     | DR | 63S4 | 26        | 451                                                                                 |  |
|            | 15            | 75         | 90.26*  | 9990         | 8.0    | KAF                                                                                | 57     | DR | 63S4 | 32        | 450                                                                                 |  |
|            | 6.8           | 168        | 131.87* | 7930         | 2.4    | K                                                                                  | 47     | DR | 63M6 | 22        | 444                                                                                 |  |
|            | 7.4           | 155        | 121.48* | 7990         | 2.6    | KF                                                                                 | 47     | DR | 63M6 | 26        | 445                                                                                 |  |
|            | 8.6           | 133        | 104.37  | 8070         | 3.0    | KA                                                                                 | 47     | DR | 63M6 | 22        | 446                                                                                 |  |
|            |               |            |         |              |        | KAF                                                                                | 47     | DR | 63M6 | 25        | 445                                                                                 |  |
|            | 10            | 110        | 131.87* | 8140         | 3.7    | K                                                                                  | 47     | DR | 63S4 | 22        | 444                                                                                 |  |
|            | 11            | 101        | 121.48* | 8170         | 4.0    | KF                                                                                 | 47     | DR | 63S4 | 26        | 445                                                                                 |  |
|            |               |            |         |              |        | KA                                                                                 | 47     | DR | 63S4 | 22        | 446                                                                                 |  |
|            |               |            |         |              |        | KAF                                                                                | 47     | DR | 63S4 | 25        | 445                                                                                 |  |



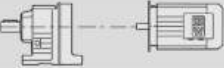
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F1)Ra<br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |     |  |
|------------|---------------|------------|--------|--------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|-----|--|
|            |               | 136        |        | 6230         |        |                                                                                    |         |    |      | 16        |                                                                                     |     |  |
| 0.12       | 8.5           | 125        | 106.38 | 6300         | 1.50   | K                                                                                  | 37      |    | DR   | 63M6      | 16                                                                                  | 439 |  |
|            | 9.2           | 107        | 97.81  | 6410         | 1.60   | KF                                                                                 | 37      |    | DR   | 63M6      | 18                                                                                  | 440 |  |
|            | 11            | 92         | 83.69  | 6480         | 1.90   | KA                                                                                 | 37      |    | DR   | 63M6      | 16                                                                                  | 441 |  |
|            | 12            | 88         | 72.54  | 6500         | 2.2    | KAF                                                                                | 37      |    | DR   | 63M6      | 18                                                                                  | 440 |  |
|            | 13            | 81         | 106.38 | 6530         | 2.3    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 14            | 70         | 97.81  | 6570         | 2.5    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 16            | 60         | 83.69  | 6600         | 2.9    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 19            | 56         | 72.54  | 6610         | 3.3    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 20            | 49         | 67.80  | 6430         | 3.6    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 24            | 41         | 58.60  | 6130         | 4.1    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 28            | 37         | 49.79  | 5930         | 4.8    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 31            | 32         | 44.46  | 5660         | 5.4    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 36            | 30         | 37.97  | 5550         | 6.4    | K                                                                                  | 37      |    | DR   | 63S4      | 16                                                                                  | 439 |  |
|            | 39            | 25         | 35.57  | 5270         | 6.8    | KF                                                                                 | 37      |    | DR   | 63S4      | 18                                                                                  | 440 |  |
|            | 46            | 24         | 29.96  | 5210         | 8.0    | KA                                                                                 | 37      |    | DR   | 63S4      | 16                                                                                  | 441 |  |
|            | 48            | 21         | 28.83  | 4980         | 8.4    | KAF                                                                                | 37      |    | DR   | 63S4      | 18                                                                                  | 440 |  |
|            | 55            | 19         | 24.99  | 4880         | 9.6    |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 59            | 17         | 23.36  | 4660         | 10     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 68            | 14         | 20.19  | 4430         | 11     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 80            | 13         | 17.15  | 4280         | 13     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 90            | 11         | 15.31  | 4070         | 14     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 105           | 10         | 13.08  | 3970         | 15     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 114           |            | 12.14  | 74400        | 16     |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            | 0.18          |            | 15800  | 14975        | 79100  | 0.80                                                                               |         |    |      |           |                                                                                     |     |  |
|            |               | 0.09       | 13100  | 12440        | 80000  | 1.00                                                                               |         |    |      |           |                                                                                     |     |  |
|            |               | 0.11       | 11500  | 10915        | 80500  | 1.15                                                                               |         |    |      |           |                                                                                     |     |  |
| 0.12       |               | 10300      |        | 81100        | 1.25   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.13       |               | 8870       |        | 81500        | 1.45   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.16       |               | 7880       | 9819   | 81500        | 1.65   | K                                                                                  | 127 R77 |    | DR   | 63M4      | 470                                                                                 | 490 |  |
| 0.18       |               | 6920       | 8443   | 81800        | 1.90   | KF                                                                                 | 127 R77 |    | DR   | 63M4      | 510                                                                                 | 490 |  |
| 0.20       |               | 5890       | 7482   | 82100        | 2.2    | KA                                                                                 | 127 R77 |    | DR   | 63M4      | 440                                                                                 | 490 |  |
| 0.23       |               | 5210       | 6565   | 82300        | 2.5    | KAF                                                                                | 127 R77 |    | DR   | 63M4      | 480                                                                                 | 490 |  |
| 0.26       |               | 4490       | 5804   | 82400        | 2.9    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.30       |               | 3910       | 5027   | 82500        | 3.3    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.34       |               | 3250       | 4423   | 82600        | 4.0    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.40       |               | 8780       | 3889   | 65000        | 0.90   |                                                                                    |         |    |      |           |                                                                                     |     |  |
|            |               |            | 3311   | 65000        | 1.05   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.16       |               | 7660       | 8328   | 65000        | 1.25   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.18       |               | 6410       | 7270   | 65000        | 1.40   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.21       |               | 5690       | 6184   | 65000        | 1.55   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.23       |               | 5160       | 5662   | 65000        | 1.75   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.26       |               | 4580       | 5138   | 65000        | 2.0    | K                                                                                  | 107 R77 |    | DR   | 63M4      | 310                                                                                 | 490 |  |
| 0.30       |               | 4010       | 4359   | 65000        | 2.4    | KF                                                                                 | 107 R77 |    | DR   | 63M4      | 320                                                                                 | 490 |  |
| 0.35       |               | 3410       | 3810   | 65000        | 2.6    | KA                                                                                 | 107 R77 |    | DR   | 63M4      | 280                                                                                 | 490 |  |
| 0.39       |               | 3090       | 3358   | 65000        | 3.0    | KAF                                                                                | 107 R77 |    | DR   | 63M4      | 305                                                                                 | 490 |  |
| 0.44       |               | 2690       | 2977   | 65000        | 3.5    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.51       |               | 2320       | 2599   | 39800        | 0.85   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.58       |               | 5060       | 2286   | 40000        | 0.95   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.28       |               | 4540       | 4669   | 40000        | 1.10   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.32       |               | 3940       | 4082   | 40000        | 1.25   | K                                                                                  | 97 R57  |    | DR   | 63M4      | 180                                                                                 | 490 |  |
| 0.37       |               | 3450       | 3583   | 40000        | 1.45   | KF                                                                                 | 97 R57  |    | DR   | 63M4      | 200                                                                                 | 490 |  |
| 0.42       |               | 2990       | 3108   | 40000        | 1.60   | KA                                                                                 | 97 R57  |    | DR   | 63M4      | 160                                                                                 | 490 |  |
| 0.48       |               | 2720       | 2757   | 40000        | 1.80   | KAF                                                                                | 97 R57  |    | DR   | 63M4      | 185                                                                                 | 490 |  |
| 0.55       |               | 2360       | 2419   | 40000        | 2.1    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.62       |               | 2090       | 2123   | 40000        | 2.4    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.71       |               | 1760       | 1856   | 40000        | 2.8    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.81       |               | 1530       | 1625   | 40000        | 3.0    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.92       |               | 1420       | 1430   | 40000        | 3.5    | K                                                                                  | 97 R57  |    | DR   | 63M4      | 180                                                                                 | 490 |  |
| 1.1        |               | 1240       | 1261   | 40000        | 4.0    | KF                                                                                 | 97 R57  |    | DR   | 63M4      | 200                                                                                 | 490 |  |
| 1.2        |               | 1090       | 1102   | 40000        | 4.4    | KA                                                                                 | 97 R57  |    | DR   | 63M4      | 160                                                                                 | 490 |  |
| 1.4        |               | 970        |        | 40000        | 5.6    | KAF                                                                                | 97 R57  |    | DR   | 63M4      | 185                                                                                 | 490 |  |
| 1.5        |               | 775        |        | 40000        | 6.2    |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 1.8        |               | 690        | 957    | 26200        | 0.80   |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 2.0        | 3440          | 855        | 27000  | 0.90         |        |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.42       | 2920          | 743        | 27500  | 1.05         |        |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.48       | 2570          | 652        |        |              |        |                                                                                    |         |    |      |           |                                                                                     |     |  |
| 0.56       |               | 3107       |        |              | K      | 87 R57                                                                             |         | DR | 63M4 | 120       | 490                                                                                 |     |  |
|            |               | 2728       |        |              | KF     | 87 R57                                                                             |         | DR | 63M4 | 130       | 490                                                                                 |     |  |
|            |               | 2371       |        |              | KA     | 87 R57                                                                             |         | DR | 63M4 | 105       | 490                                                                                 |     |  |
|            |               |            |        |              | KAF    | 87 R57                                                                             |         | DR | 63M4 | 120       | 490                                                                                 |     |  |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  | m<br>[kg] |  |      |     |     |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|------|-----|-----|
| 0.18       |               | 2350       |         | 27700                                |        |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.63          | 2090       | 2088    | 28000                                | 1.15   |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.71          | 1870       | 1854    | 28200                                | 1.30   |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.80          | 1590       | 1657    | 28400                                | 1.45   |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.93          | 1380       | 1415    | 28600                                | 1.70   | K                                                                                  | 87 R57    | DR                                                                                  | 63M4 | 120 | 490 |
|            | 1.1           | 1200       | 1229    | 28700                                | 1.95   | KF                                                                                 | 87 R57    | DR                                                                                  | 63M4 | 125 | 490 |
|            | 1.2           | 1030       | 1078    | 28800                                | 2.3    | KA                                                                                 | 87 R57    | DR                                                                                  | 63M4 | 105 | 490 |
|            | 1.4           | 890        | 951     | 28800                                | 2.6    | KAF                                                                                | 87 R57    | DR                                                                                  | 63M4 | 120 | 490 |
|            | 1.6           | 775        | 837     | 28900                                | 3.0    |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.8           | 1720       | 726     | 14100                                | 0.90   |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.87          | 1570       | 1514    | 15200                                | 1.00   |                                                                                    |           |                                                                                     |      |     |     |
|            | 0.95          | 1380       | 1388    | 16500                                | 1.10   |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.1           | 1200       | 1218    | 17400                                | 1.30   |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.2           | 1050       | 1053    | 18100                                | 1.45   |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.4           | 930        | 924     | 18600                                | 1.65   | K                                                                                  | 77 R37    | DR                                                                                  | 63M4 | 69  | 490 |
|            | 1.6           | 760        | 815     | 19100                                | 2.0    | KF                                                                                 | 77 R37    | DR                                                                                  | 63M4 | 77  | 490 |
|            | 1.9           | 670        | 709     | 19300                                | 2.3    | KA                                                                                 | 77 R37    | DR                                                                                  | 63M4 | 62  | 490 |
|            | 2.1           | 600        | 622     | 19500                                | 2.6    | KAF                                                                                | 77 R37    | DR                                                                                  | 63M4 | 70  | 490 |
|            | 2.4           | 530        | 552     | 19600                                | 2.9    |                                                                                    |           |                                                                                     |      |     |     |
|            | 2.7           | 465        | 485     | 19800                                | 3.3    |                                                                                    |           |                                                                                     |      |     |     |
|            | 3.1           | 410        | 428     | 19800                                | 3.8    |                                                                                    |           |                                                                                     |      |     |     |
|            | 3.6           | 930        | 367     | 9240                                 | 0.90   |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.7           | 765        | 793     | 10800                                | 1.05   |                                                                                    |           |                                                                                     |      |     |     |
|            | 1.9           | 670        | 697     | 11500                                | 1.20   |                                                                                    |           |                                                                                     |      |     |     |
|            | 2.1           | 590        | 613     | 12000                                | 1.40   |                                                                                    |           |                                                                                     |      |     |     |
|            | 2.4           | 540        | 542     | 12200                                | 1.50   | K                                                                                  | 67 R37    | DR                                                                                  | 63M4 | 45  | 490 |
|            | 2.8           | 455        | 471     | 12600                                | 1.80   | KF                                                                                 | 67 R37    | DR                                                                                  | 63M4 | 51  | 490 |
|            | 3.1           | 410        | 420     | 12800                                | 2.0    | KA                                                                                 | 67 R37    | DR                                                                                  | 63M4 | 42  | 490 |
|            | 3.6           | 360        | 361     | 12900                                | 2.3    | KAF                                                                                | 67 R37    | DR                                                                                  | 63M4 | 48  | 490 |
|            | 4.1           | 305        | 323     | 13000                                | 2.7    |                                                                                    |           |                                                                                     |      |     |     |
|            | 4.7           | 590        | 279     | 7690                                 | 1.00   |                                                                                    |           |                                                                                     |      |     |     |
|            | 2.4           | 535        | 544     | 8150                                 | 1.10   |                                                                                    |           |                                                                                     |      |     |     |
|            | 2.8           | 460        | 473     | 8620                                 | 1.30   |                                                                                    |           |                                                                                     |      |     |     |
|            | 3.1           | 410        | 421     | 8840                                 | 1.45   |                                                                                    |           |                                                                                     |      |     |     |
|            | 3.6           | 360        | 362     | 9050                                 | 1.65   |                                                                                    |           |                                                                                     |      |     |     |
|            | 4.1           | 305        | 319     | 9270                                 | 1.95   | K                                                                                  | 57 R37    | DR                                                                                  | 63M4 | 39  | 490 |
|            | 4.7           | 270        | 280     | 9400                                 | 2.2    | KF                                                                                 | 57 R37    | DR                                                                                  | 63M4 | 44  | 490 |
|            | 5.4           | 235        | 246     | 9510                                 | 2.5    | KA                                                                                 | 57 R37    | DR                                                                                  | 63M4 | 37  | 490 |
|            | 6.1           | 210        | 215     | 9600                                 | 2.9    | KAF                                                                                | 57 R37    | DR                                                                                  | 63M4 | 43  | 490 |
|            | 6.9           | 182        | 192     | 9690                                 | 3.3    |                                                                                    |           |                                                                                     |      |     |     |
|            | 7.9           | 410        | 166     | 5600                                 | 1.00   |                                                                                    |           |                                                                                     |      |     |     |
|            | 3.5           | 370        | 375     | 6320                                 | 1.10   |                                                                                    |           |                                                                                     |      |     |     |
|            | 4.0           | 325        | 375     | 6810                                 | 1.20   |                                                                                    |           |                                                                                     |      |     |     |
|            | 4.6           | 280        | 327     | 7240                                 | 1.45   |                                                                                    |           |                                                                                     |      |     |     |
|            | 5.2           | 250        | 289     | 7450                                 | 1.60   |                                                                                    |           |                                                                                     |      |     |     |
|            | 5.9           | 215        | 256     | 7680                                 | 1.85   | K                                                                                  | 47 R37    | DR                                                                                  | 63M4 | 33  | 490 |
|            | 6.7           | 188        | 225     | 7840                                 | 2.1    | KF                                                                                 | 47 R37    | DR                                                                                  | 63M4 | 36  | 490 |
|            | 7.7           | 168        | 198     | 7930                                 | 2.4    | KA                                                                                 | 47 R37    | DR                                                                                  | 63M4 | 32  | 490 |
|            | 8.6           | 147        | 171     | 8020                                 | 2.7    | KAF                                                                                | 47 R37    | DR                                                                                  | 63M4 | 35  | 490 |
|            | 10            | 235        | 153     |                                      |        |                                                                                    |           |                                                                                     |      |     |     |
|            | 6.4           | 205        | 131     | 4860                                 | 0.85   |                                                                                    |           |                                                                                     |      |     |     |
|            | 7.3           | 180        | 205     | 5590                                 | 1.00   |                                                                                    |           |                                                                                     |      |     |     |
|            | 8.2           | 151        | 181     | 5860                                 | 1.10   |                                                                                    |           |                                                                                     |      |     |     |
|            | 9.7           | 145        | 160     | 6110                                 | 1.35   | K                                                                                  | 37 R17    | DR                                                                                  | 63M4 | 19  | 490 |
|            | 10            | 285        | 136     | 6160                                 | 1.40   | KF                                                                                 | 37 R17    | DR                                                                                  | 63M4 | 21  | 490 |
|            | 6.0           | 245        | 127     | 13000                                | 2.9    | KA                                                                                 | 37 R17    | DR                                                                                  | 63M4 | 19  | 490 |
|            | 7.0           | 215        |         | 13000                                | 3.4    | KAF                                                                                | 37 R17    | DR                                                                                  | 63M4 | 20  | 490 |
|            | 8.1           | 205        |         | 13000                                | 3.8    | K                                                                                  | 67        | DR                                                                                  | 63L6 | 35  | 454 |
|            | 8.5           | 189        | 144.79* | 13000                                | 4.0    | KF                                                                                 | 67        | DR                                                                                  | 63L6 | 40  | 455 |
|            | 9.1           | 161        | 123.54  | 13000                                | 4.4    | KA                                                                                 | 67        | DR                                                                                  | 63L6 | 32  | 456 |
|            | 11            | 141        | 108.03  | 13000                                | 5.1    | KAF                                                                                | 67        | DR                                                                                  | 63L6 | 38  | 455 |
|            | 12            |            | 102.62  | 13000                                | 5.8    |                                                                                    |           |                                                                                     |      |     |     |
|            |               |            | 144.79* |                                      |        | K                                                                                  | 67        | DR                                                                                  | 63M4 | 34  | 454 |
|            |               |            | 123.54  |                                      |        | KF                                                                                 | 67        | DR                                                                                  | 63M4 | 40  | 455 |
|            |               |            | 108.03  |                                      |        | KA                                                                                 | 67        | DR                                                                                  | 63M4 | 32  | 456 |
|            |               |            |         |                                      |        | KAF                                                                                | 67        | DR                                                                                  | 63M4 | 37  | 455 |
|            | 6.0           | 285        | 145.14* | 9340                                 | 2.1    | K                                                                                  | 57        | DR                                                                                  | 63L6 | 29  | 449 |
|            | 7.0           | 245        | 123.85  | 9480                                 | 2.5    | KF                                                                                 | 57        | DR                                                                                  | 63L6 | 34  | 450 |
|            | 8.0           | 215        | 108.29  | 9590                                 | 2.8    | KA                                                                                 | 57        | DR                                                                                  | 63L6 | 27  | 451 |
|            | 8.5           | 205        | 102.88* | 9620                                 | 3.0    | KAF                                                                                | 57        | DR                                                                                  | 63L6 | 33  | 450 |
| 9.6        | 178           | 90.26*     | 9700    | 3.4                                  |        |                                                                                    |           |                                                                                     |      |     |     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F1/Ra<br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
|            |               | 189        |         | 9670         |        |                                                                                    |         |    |      |           |                                                                                     |
| 0.18       | 9.1           | 161        | 145.14* | 9750         | 3.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 11            | 141        | 123.85  | 9810         | 3.7    | K                                                                                  | 57      | DR | 63M4 | 28        | 449                                                                                 |
|            | 12            | 134        | 108.29  | 9830         | 4.3    | KF                                                                                 | 57      | DR | 63M4 | 33        | 450                                                                                 |
|            | 13            | 118        | 102.88* | 9880         | 4.5    | KA                                                                                 | 57      | DR | 63M4 | 26        | 451                                                                                 |
|            | 15            | 100        | 90.26*  | 9920         | 5.1    | KAF                                                                                | 57      | DR | 63M4 | 32        | 450                                                                                 |
|            | 17            | 260        | 76.56*  | 7380         | 6.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 6.6           | 240        | 131.87* | 7530         | 1.55   |                                                                                    |         |    |      |           |                                                                                     |
|            | 7.2           | 205        | 121.48* | 7740         | 1.65   | K                                                                                  | 47      | DR | 63L6 | 23        | 444                                                                                 |
|            | 8.3           | 180        | 104.37  | 7880         | 1.95   | KF                                                                                 | 47      | DR | 63L6 | 26        | 445                                                                                 |
|            | 9.6           | 168        | 90.86   | 7930         | 2.2    | KA                                                                                 | 47      | DR | 63L6 | 22        | 446                                                                                 |
|            | 10            | 172        | 85.12*  | 7910         | 2.4    | KAF                                                                                | 47      | DR | 63L6 | 25        | 445                                                                                 |
|            | 10            | 158        | 131.87* | 7970         | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 11            | 136        | 121.48* | 8060         | 2.9    | K                                                                                  | 47      | DR | 63M4 | 22        | 444                                                                                 |
|            | 13            | 118        | 104.37  | 8120         | 3.4    | KF                                                                                 | 47      | DR | 63M4 | 26        | 445                                                                                 |
|            | 15            | 111        | 90.86   | 8140         | 3.6    | KA                                                                                 | 47      | DR | 63M4 | 22        | 446                                                                                 |
|            | 16            | 210        | 85.12*  | 5520         | 0.95   | KAF                                                                                | 47      | DR | 63M4 | 25        | 445                                                                                 |
|            | 8.2           | 193        | 106.38  | 5710         | 1.05   | K                                                                                  | 37      | DR | 63L6 | 17        | 439                                                                                 |
|            | 8.9           | 165        | 97.81   | 5990         | 1.20   | KF                                                                                 | 37      | DR | 63L6 | 19        | 440                                                                                 |
|            | 10            | 143        | 83.69   | 6170         | 1.40   | KA                                                                                 | 37      | DR | 63L6 | 17        | 441                                                                                 |
|            | 12            | 139        | 72.54   | 6210         | 1.45   | KAF                                                                                | 37      | DR | 63L6 | 18        | 440                                                                                 |
|            | 12            | 127        | 106.38  | 6280         | 1.55   |                                                                                    |         |    |      |           |                                                                                     |
|            | 14            | 109        | 97.81   | 6400         | 1.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 16            | 95         | 83.69   | 6470         | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 18            | 88         | 72.54   | 6500         | 2.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 19            | 76         | 67.80   | 6280         | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 23            | 65         | 58.60   | 6010         | 3.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 27            | 58         | 49.79   | 5830         | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 30            | 49         | 44.46   | 5580         | 4.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 35            | 46         | 37.97   | 5480         | 4.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 37            | 39         | 35.57   | 5220         | 5.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 44            | 38         | 29.96   | 5160         | 5.3    | K                                                                                  | 37      | DR | 63M4 | 16        | 439                                                                                 |
|            | 46            | 33         | 28.83   | 4950         | 6.2    | KF                                                                                 | 37      | DR | 63M4 | 18        | 440                                                                                 |
|            | 53            | 30         | 24.99   | 4850         | 6.4    | KA                                                                                 | 37      | DR | 63M4 | 16        | 441                                                                                 |
|            | 57            | 26         | 23.36   | 4650         | 7.0    | KAF                                                                                | 37      | DR | 63M4 | 18        | 440                                                                                 |
|            | 65            | 22         | 20.19   | 4430         | 8.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 77            | 20         | 17.15   | 4280         | 8.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 86            | 17         | 15.31   | 4080         | 9.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 101           | 16         | 13.08   | 3980         | 10     |                                                                                    |         |    |      |           |                                                                                     |
|            | 109           | 14         | 12.14   | 3810         | 12     |                                                                                    |         |    |      |           |                                                                                     |
|            | 126           | 12         | 10.49   | 3620         | 14     |                                                                                    |         |    |      |           |                                                                                     |
|            | 148           | 10         |         | 3490         | 15     |                                                                                    |         |    |      |           |                                                                                     |
|            | 166           | 15200      | 8.91    | 75600        | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.13          | 13000      | 7.96    | 79200        | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
| 0.25       | 0.15          | 11600      | 9819    | 79900        | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.17          | 10200      | 8443    | 80600        | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.20          | 8750       | 7482    | 81200        | 1.50   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.22          | 7690       | 6565    | 81600        | 1.70   | K                                                                                  | 127 R77 | DR | 63L4 | 470       | 490                                                                                 |
|            | 0.26          | 6670       | 5804    | 81900        | 1.95   | KF                                                                                 | 127 R77 | DR | 63L4 | 510       | 490                                                                                 |
|            | 0.29          | 5830       | 5027    | 82100        | 2.2    | KA                                                                                 | 127 R77 | DR | 63L4 | 440       | 490                                                                                 |
|            | 0.33          | 4880       | 4423    | 82300        | 2.7    | KAF                                                                                | 127 R77 | DR | 63L4 | 480       | 490                                                                                 |
|            | 0.39          | 9460       | 3889    | 65000        | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.21          | 8480       | 3311    | 65000        | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.23          | 7700       | 6184    | 65000        | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.25          | 6730       | 5662    | 65000        | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.30          | 5880       | 5138    | 65000        | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.34          | 5060       | 4359    | 65000        | 1.60   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.39          | 4550       | 3810    | 65000        | 1.75   | K                                                                                  | 107 R77 | DR | 63L4 | 310       | 490                                                                                 |
|            | 0.44          | 3980       | 3358    | 65000        | 2.0    | KF                                                                                 | 107 R77 | DR | 63L4 | 320       | 490                                                                                 |
|            | 0.50          | 3450       | 2977    | 65000        | 2.3    | KA                                                                                 | 107 R77 | DR | 63L4 | 285       | 490                                                                                 |
|            | 0.57          | 2920       | 2599    | 65000        | 2.7    | KAF                                                                                | 107 R77 | DR | 63L4 | 305       | 490                                                                                 |
|            | 0.67          | 2680       | 2286    | 65000        | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.76          | 2430       | 1939    | 65000        | 3.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.84          | 2090       | 1743    | 65000        | 3.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.97          |            | 1554    |              |        | K                                                                                  | 107 R77 | DR | 63L4 | 310       | 490                                                                                 |
|            |               |            | 1336    |              |        | KF                                                                                 | 107 R77 | DR | 63L4 | 320       | 490                                                                                 |
|            |               |            |         |              |        | KA                                                                                 | 107 R77 | DR | 63L4 | 280       | 490                                                                                 |
|            |               |            |         |              |        | KAF                                                                                | 107 R77 | DR | 63L4 | 305       | 490                                                                                 |



# K..DR/DT/DV K..D.. [kW]

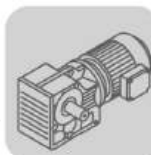
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |        |    |      | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|--------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.25       | 0.42          | 4990       | 3108   | 39900                                | 0.85   | K                                                                                  | 97 R57 | DR | 63L4 | 180       | 490                                                                                 |
|            | 0.47          | 4360       | 2757   | 40000                                | 1.00   | KF                                                                                 | 97 R57 | DR | 63L4 | 200       | 490                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 97 R57 | DR | 63L4 | 160       | 490                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 97 R57 | DR | 63L4 | 185       | 490                                                                                 |
|            | 0.54          | 3930       | 2419   | 40000                                | 1.10   | K<br>KF<br>KA<br>KAF                                                               | 97 R57 | DR | 63L4 | 180       | 490                                                                                 |
|            | 0.61          | 3420       | 2123   | 40000                                | 1.25   |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.70          | 3020       | 1856   | 40000                                | 1.40   |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.80          | 2580       | 1625   | 40000                                | 1.65   |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.91          | 2240       | 1430   | 40000                                | 1.90   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.0           | 2050       | 1261   | 40000                                | 2.1    |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.2           | 1790       | 1102   | 40000                                | 2.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.4           | 1570       |        | 40000                                | 2.7    |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.5           | 1400       | 957    | 40000                                | 3.1    |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.62          | 3390       | 855    | 26300                                | 0.80   | K<br>KF<br>KA<br>KAF                                                               | 87 R57 | DR | 63L4 | 120       | 490                                                                                 |
|            | 0.70          | 3010       | 2088   | 26900                                | 0.90   |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.78          | 2700       | 1854   | 27300                                | 1.00   |                                                                                    |        |    |      |           |                                                                                     |
|            | 0.92          | 2300       | 1657   | 27800                                | 1.15   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.1           | 2000       | 1415   | 28100                                | 1.35   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.2           | 1740       | 1229   | 28300                                | 1.55   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.4           | 1510       | 1078   | 28500                                | 1.80   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.6           | 1310       | 951    | 28600                                | 2.1    |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.8           | 1140       | 837    | 28700                                | 2.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.0           | 1010       | 726    | 28800                                | 2.7    |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.2           | 1730       | 638    | 14000                                | 0.90   | K<br>KF<br>KA<br>KAF                                                               | 77 R37 | DR | 63L4 | 70        | 490                                                                                 |
|            | 1.4           | 1520       | 1053   | 15600                                | 1.00   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.6           | 1340       | 924    | 16700                                | 1.15   |                                                                                    |        |    |      |           |                                                                                     |
|            | 1.8           | 1120       | 815    | 17800                                | 1.40   |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.1           | 980        | 709    | 18400                                | 1.60   |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.4           | 880        | 622    | 18700                                | 1.75   |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.7           | 770        | 552    | 19100                                | 2.0    |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.0           | 680        | 485    | 19300                                | 2.3    |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.5           | 595        | 428    | 19500                                | 2.6    |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.0           | 525        | 367    | 19600                                | 2.9    |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.5           | 470        | 328    | 19700                                | 3.3    |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.2           | 400        | 290    | 19900                                | 3.9    |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.9           | 355        | 252    | 19900                                | 4.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.7           | 310        | 221    | 20000                                | 5.0    |                                                                                    |        |    |      |           |                                                                                     |
|            | 7.5           | 275        | 195    | 20000                                | 5.7    |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.1           | 980        | 175    | 5690                                 | 0.85   |                                                                                    |        |    |      |           |                                                                                     |
|            | 2.4           | 860        | 613    | 9920                                 | 0.95   | K<br>KF<br>KA<br>KAF                                                               | 67 R37 | DR | 63L4 | 46        | 490                                                                                 |
|            | 2.8           | 775        | 542    | 10700                                | 1.05   |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.1           | 665        | 471    | 11500                                | 1.25   |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.6           | 590        | 420    | 11900                                | 1.40   |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.0           | 525        | 361    | 12300                                | 1.55   |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.7           | 445        | 323    | 12700                                | 1.85   |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.3           | 390        | 279    | 12800                                | 2.1    |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.0           | 345        | 246    | 13000                                | 2.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.1           | 670        | 217    | 4200                                 | 0.90   |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.6           | 590        | 421    | 7690                                 | 1.00   | K<br>KF<br>KA<br>KAF                                                               | 57 R37 | DR | 63L4 | 40        | 490                                                                                 |
|            | 4.1           | 520        | 362    | 8260                                 | 1.15   |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.7           | 445        | 319    | 8680                                 | 1.35   |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.3           | 390        | 280    | 8920                                 | 1.55   |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.0           | 345        | 246    | 9110                                 | 1.75   |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.8           | 305        | 215    | 9260                                 | 1.95   |                                                                                    |        |    |      |           |                                                                                     |
|            | 7.8           | 265        | 192    | 9410                                 | 2.3    |                                                                                    |        |    |      |           |                                                                                     |
|            | 9.0           | 230        | 166    | 9530                                 | 2.6    |                                                                                    |        |    |      |           |                                                                                     |
|            | 10            | 210        | 145    | 9600                                 | 2.9    |                                                                                    |        |    |      |           |                                                                                     |
|            | 12            | 178        | 129    | 9700                                 | 3.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 13            | 156        | 111    | 9770                                 | 3.8    |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.4           | 540        | 97     | 19600                                | 2.9    |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.0           | 475        |        | 19700                                | 3.3    |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.3           | 450        |        | 19800                                | 3.4    | K<br>KF<br>KA<br>KAF                                                               | 77     | DT | 80N8 | 65        | 459                                                                                 |
|            | 6.0           | 400        | 154.02 | 19900                                | 3.9    |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.6           | 520        | 135.28 | 19700                                | 2.8    |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.9           | 485        | 128.52 | 19700                                | 3.0    |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.7           | 420        | 113.56 | 19700                                | 3.7    |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.5           | 365        | 192.18 | 19800                                | 4.2    |                                                                                    |        |    |      |           |                                                                                     |
|            |               |            | 179.37 | 19900                                |        |                                                                                    |        |    |      |           |                                                                                     |
|            |               |            | 154.02 |                                      |        |                                                                                    |        |    |      |           |                                                                                     |
|            |               |            | 135.28 |                                      |        |                                                                                    |        |    |      |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |    |    |      | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|----|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.25       |               | 435        |         | 12700                                |        |                                                                                    |    |    |      | 39        |                                                                                     |
|            | 5.5           | 380        | 123.54  | 12900                                | 1.90   | K                                                                                  | 67 | DT | 80N8 | 45        | 454                                                                                 |
|            | 6.3           | 360        | 108.03  | 12900                                | 2.2    | KF                                                                                 | 67 | DT | 80N8 | 37        | 455                                                                                 |
|            | 6.6           | 315        | 102.62  | 13000                                | 2.3    | KA                                                                                 | 67 | DT | 80N8 | 42        | 456                                                                                 |
|            | 7.5           | 395        | 90.04   | 12800                                | 2.6    | KAF                                                                                | 67 | DT | 80N8 | 42        | 455                                                                                 |
|            | 6.1           | 335        | 144.79* | 13000                                | 2.1    | K                                                                                  | 67 | DT | 71D6 | 36        | 454                                                                                 |
|            | 7.1           | 295        | 123.54  | 13000                                | 2.5    | KF                                                                                 | 67 | DT | 71D6 | 42        | 455                                                                                 |
|            | 8.2           | 280        | 108.03  | 13000                                | 2.8    | KA                                                                                 | 67 | DT | 71D6 | 34        | 456                                                                                 |
|            | 8.6           | 265        | 102.62  | 13000                                | 3.0    | KAF                                                                                | 67 | DT | 71D6 | 39        | 455                                                                                 |
|            | 9.0           | 225        | 144.79* | 13000                                | 3.1    | K                                                                                  | 67 | DR | 63L4 | 35        | 454                                                                                 |
|            | 11            | 198        | 123.54  | 13000                                | 3.6    | KF                                                                                 | 67 | DR | 63L4 | 40        | 455                                                                                 |
|            | 12            | 189        | 108.03  | 13000                                | 4.1    | KA                                                                                 | 67 | DR | 63L4 | 32        | 456                                                                                 |
|            | 13            | 395        | 102.62  | 13000                                | 4.4    | KAF                                                                                | 67 | DR | 63L4 | 38        | 455                                                                                 |
|            | 6.1           | 335        | 145.14* | 9150                                 | 1.50   |                                                                                    |    |    |      |           |                                                                                     |
|            | 7.1           | 295        | 123.85  | 9150                                 | 1.80   | K                                                                                  | 57 | DT | 71D6 | 30        | 449                                                                                 |
|            | 8.1           | 280        | 108.29  | 9310                                 | 2.0    | KF                                                                                 | 57 | DT | 71D6 | 35        | 450                                                                                 |
|            | 8.6           | 245        | 102.88* | 9360                                 | 2.2    | KA                                                                                 | 57 | DT | 71D6 | 28        | 451                                                                                 |
|            | 9.8           | 210        | 90.26*  | 9480                                 | 2.5    | KAF                                                                                | 57 | DT | 71D6 | 34        | 450                                                                                 |
|            | 11            | 265        | 76.56*  | 9610                                 | 2.9    |                                                                                    |    |    |      |           |                                                                                     |
|            | 9.0           | 225        | 145.14* | 9410                                 | 2.3    |                                                                                    |    |    |      |           |                                                                                     |
|            | 11            | 199        | 123.85  | 9540                                 | 2.6    | K                                                                                  | 57 | DR | 63L4 | 29        | 449                                                                                 |
|            | 12            | 189        | 108.29  | 9640                                 | 3.0    | KF                                                                                 | 57 | DR | 63L4 | 34        | 450                                                                                 |
|            | 13            | 166        | 102.88* | 9670                                 | 3.2    | KA                                                                                 | 57 | DR | 63L4 | 27        | 451                                                                                 |
|            | 14            | 141        | 90.26*  | 9740                                 | 3.6    | KAF                                                                                | 57 | DR | 63L4 | 33        | 450                                                                                 |
|            | 17            | 360        | 76.56*  | 9810                                 | 4.3    |                                                                                    |    |    |      |           |                                                                                     |
|            | 6.7           | 330        | 131.87* | 6470                                 | 1.10   |                                                                                    |    |    |      |           |                                                                                     |
|            | 7.2           | 285        | 121.48* | 6780                                 | 1.20   | K                                                                                  | 47 | DT | 71D6 | 25        | 444                                                                                 |
|            | 8.4           | 245        | 104.37  | 7210                                 | 1.40   | KF                                                                                 | 47 | DT | 71D6 | 28        | 445                                                                                 |
|            | 9.7           | 230        | 90.86   | 7480                                 | 1.60   | KA                                                                                 | 47 | DT | 71D6 | 24        | 446                                                                                 |
|            | 10            | 240        | 85.12*  | 7590                                 | 1.75   | KAF                                                                                | 47 | DT | 71D6 | 27        | 445                                                                                 |
|            | 9.9           | 225        | 131.87* | 7510                                 | 1.65   |                                                                                    |    |    |      |           |                                                                                     |
|            | 11            | 192        | 121.48* | 7640                                 | 1.80   | K                                                                                  | 47 | DR | 63L4 | 23        | 444                                                                                 |
|            | 12            | 167        | 104.37  | 7820                                 | 2.1    | KF                                                                                 | 47 | DR | 63L4 | 26        | 445                                                                                 |
|            | 14            | 156        | 90.86   | 7930                                 | 2.4    | KA                                                                                 | 47 | DR | 63L4 | 22        | 446                                                                                 |
|            | 15            | 225        | 85.12*  | 7980                                 | 2.6    | KAF                                                                                | 47 | DR | 63L4 | 25        | 445                                                                                 |
|            | 11            | 197        | 83.69   | 5300                                 | 0.90   |                                                                                    |    |    |      |           |                                                                                     |
|            | 12            | 184        | 72.54   | 5680                                 | 1.00   | K                                                                                  | 37 | DT | 71D6 | 18        | 439                                                                                 |
|            | 13            | 159        | 67.80   | 5810                                 | 1.10   | KF                                                                                 | 37 | DT | 71D6 | 20        | 440                                                                                 |
|            | 15            | 135        | 58.60   | 6050                                 | 1.25   | KA                                                                                 | 37 | DT | 71D6 | 17        | 441                                                                                 |
|            | 18            | 195        | 49.79   | 6230                                 | 1.50   | KAF                                                                                | 37 | DT | 71D6 | 19        | 440                                                                                 |
|            | 12            | 180        | 106.38  | 5690                                 | 1.00   |                                                                                    |    |    |      |           |                                                                                     |
|            | 13            | 154        | 97.81   | 5860                                 | 1.10   |                                                                                    |    |    |      |           |                                                                                     |
|            | 16            | 133        | 83.69   | 6090                                 | 1.30   |                                                                                    |    |    |      |           |                                                                                     |
|            | 18            | 125        | 72.54   | 6250                                 | 1.50   |                                                                                    |    |    |      |           |                                                                                     |
|            | 19            | 108        | 67.80   | 6230                                 | 1.60   |                                                                                    |    |    |      |           |                                                                                     |
|            | 22            | 91         | 58.60   | 6030                                 | 1.85   |                                                                                    |    |    |      |           |                                                                                     |
|            | 26            | 82         | 49.79   | 5810                                 | 2.2    |                                                                                    |    |    |      |           |                                                                                     |
|            | 29            | 70         | 44.46   | 5650                                 | 2.5    |                                                                                    |    |    |      |           |                                                                                     |
|            | 34            | 65         | 37.97   | 5430                                 | 2.9    |                                                                                    |    |    |      |           |                                                                                     |
|            | 37            | 55         | 35.57   | 5100                                 | 3.1    |                                                                                    |    |    |      |           |                                                                                     |
|            | 43            | 53         | 29.96   | 5100                                 | 3.6    |                                                                                    |    |    |      |           |                                                                                     |
|            | 45            | 46         | 28.83   | 5050                                 | 3.8    | K                                                                                  | 37 | DR | 63L4 | 17        | 439                                                                                 |
|            | 52            | 43         | 24.99   | 4860                                 | 4.4    | KF                                                                                 | 37 | DR | 63L4 | 19        | 440                                                                                 |
|            | 56            | 37         | 23.36   | 4770                                 | 4.6    | KA                                                                                 | 37 | DR | 63L4 | 17        | 441                                                                                 |
|            | 64            | 32         | 20.19   | 4580                                 | 5.0    | KAF                                                                                | 37 | DR | 63L4 | 18        | 440                                                                                 |
|            | 76            | 28         | 17.15   | 4370                                 | 5.7    |                                                                                    |    |    |      |           |                                                                                     |
|            | 85            | 24         | 15.31   | 4230                                 | 6.2    |                                                                                    |    |    |      |           |                                                                                     |
|            | 99            | 22         | 13.08   | 4030                                 | 6.9    |                                                                                    |    |    |      |           |                                                                                     |
|            | 107           | 19         | 12.14   | 3940                                 | 7.2    |                                                                                    |    |    |      |           |                                                                                     |
|            | 124           | 16         | 10.49   | 3780                                 | 8.3    |                                                                                    |    |    |      |           |                                                                                     |
|            | 146           | 15         |         | 3590                                 | 9.8    |                                                                                    |    |    |      |           |                                                                                     |
|            | 163           | 13         | 8.91    | 3470                                 | 11     |                                                                                    |    |    |      |           |                                                                                     |
|            | 191           | 12         | 7.96    | 3310                                 | 12     |                                                                                    |    |    |      |           |                                                                                     |
|            | 204           |            | 6.80    | 3240                                 | 12     |                                                                                    |    |    |      |           |                                                                                     |
|            |               |            | 6.37    |                                      |        |                                                                                    |    |    |      |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i    | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.37       |               | 16600      |      | 72700                                |        |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.18          | 14500      | 7482 | 76900                                | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.21          | 12600      | 6565 | 79400                                | 0.90   | K                                                                                  | 127 R77 | DT | 71D4 | 470       | 490                                                                                 |
|            | 0.24          | 11000      | 5804 | 80200                                | 1.05   | KF                                                                                 | 127 R77 | DT | 71D4 | 510       | 490                                                                                 |
|            | 0.27          | 9610       | 5027 | 80800                                | 1.20   | KA                                                                                 | 127 R77 | DT | 71D4 | 445       | 490                                                                                 |
|            | 0.31          | 8420       | 4423 | 81300                                | 1.35   | KAF                                                                                | 127 R77 | DT | 71D4 | 480       | 490                                                                                 |
|            | 0.35          | 7080       | 3311 | 81800                                | 1.55   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.42          | 4280       | 1926 | 82400                                | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.72          | 3900       | 1757 | 82500                                | 3.3    | K                                                                                  | 127 R77 | DT | 71D4 | 470       | 490                                                                                 |
|            | 0.79          | 3390       | 1541 | 82600                                | 3.8    | KF                                                                                 | 127 R77 | DT | 71D4 | 510       | 490                                                                                 |
|            | 0.90          |            |      |                                      |        | KA                                                                                 | 127 R77 | DT | 71D4 | 440       | 490                                                                                 |
|            |               |            |      |                                      |        | KAF                                                                                | 127 R77 | DT | 71D4 | 480       | 490                                                                                 |
|            | 0.36          | 8420       | 3810 | 65000                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.41          | 7300       | 3358 | 65000                                | 1.10   | K                                                                                  | 107 R77 | DT | 71D4 | 310       | 490                                                                                 |
|            | 0.46          | 6540       | 2977 | 65000                                | 1.20   | KF                                                                                 | 107 R77 | DT | 71D4 | 325       | 490                                                                                 |
|            | 0.53          | 5710       | 2599 | 65000                                | 1.40   | KA                                                                                 | 107 R77 | DT | 71D4 | 285       | 490                                                                                 |
|            | 0.60          | 4970       | 2286 | 65000                                | 1.60   | KAF                                                                                | 107 R77 | DT | 71D4 | 305       | 490                                                                                 |
|            | 0.71          | 4210       | 1939 | 65000                                | 1.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.81          | 3830       | 1713 | 65000                                | 2.1    | K                                                                                  | 107 R77 | DT | 71D4 | 310       | 490                                                                                 |
|            | 0.89          | 3480       | 1554 | 65000                                | 2.3    | KF                                                                                 | 107 R77 | DT | 71D4 | 320       | 490                                                                                 |
|            | 1.0           | 2990       | 1336 | 65000                                | 2.7    | KA                                                                                 | 107 R77 | DT | 71D4 | 280       | 490                                                                                 |
|            | 1.2           | 2610       | 1166 | 65000                                | 3.1    | KAF                                                                                | 107 R77 | DT | 71D4 | 305       | 490                                                                                 |
|            | 0.65          | 4860       | 2123 | 40000                                | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.74          | 4270       | 1856 | 40000                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.85          | 3670       | 1625 | 40000                                | 1.15   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.96          | 3200       | 1430 | 40000                                | 1.35   | K                                                                                  | 97 R57  | DT | 71D4 | 180       | 490                                                                                 |
|            | 1.1           | 2900       | 1261 | 40000                                | 1.50   | KF                                                                                 | 97 R57  | DT | 71D4 | 200       | 490                                                                                 |
|            | 1.2           | 2540       | 1102 | 40000                                | 1.70   | KA                                                                                 | 97 R57  | DT | 71D4 | 160       | 490                                                                                 |
|            | 1.4           | 2220       | 957  | 40000                                | 1.95   | KAF                                                                                | 97 R57  | DT | 71D4 | 185       | 490                                                                                 |
|            | 1.6           | 1990       | 855  | 40000                                | 2.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 1640       | 743  | 40000                                | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.1           | 1450       | 652  | 40000                                | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.4           | 1310       | 573  | 40000                                | 3.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.97          | 3250       | 1415 | 26500                                | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.1           | 2820       | 1229 | 27100                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.3           | 2470       | 1078 | 27600                                | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.4           | 2150       | 951  | 27900                                | 1.25   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.7           | 1880       | 837  | 28200                                | 1.45   | K                                                                                  | 87 R57  | DT | 71D4 | 120       | 490                                                                                 |
|            | 1.9           | 1630       | 726  | 28400                                | 1.65   | KF                                                                                 | 87 R57  | DT | 71D4 | 130       | 490                                                                                 |
|            | 2.2           | 1440       | 638  | 28500                                | 1.85   | KA                                                                                 | 87 R57  | DT | 71D4 | 110       | 490                                                                                 |
|            | 2.5           | 1260       | 562  | 28600                                | 2.2    | KAF                                                                                | 87 R57  | DT | 71D4 | 120       | 490                                                                                 |
|            | 2.9           | 1060       | 474  | 28800                                | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.2           | 950        | 426  | 28800                                | 2.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.7           | 830        | 373  | 28900                                | 3.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.7           | 1890       | 815  | 7450                                 | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 1590       | 709  | 15100                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.2           | 1400       | 622  | 16400                                | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.5           | 1250       | 552  | 17200                                | 1.25   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.9           | 1100       | 485  | 17900                                | 1.40   |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.2           | 970        | 428  | 18400                                | 1.60   |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.8           | 840        | 367  | 18900                                | 1.85   | K                                                                                  | 77 R37  | DT | 71D4 | 71        | 490                                                                                 |
|            | 4.2           | 750        | 328  | 19100                                | 2.1    | KF                                                                                 | 77 R37  | DT | 71D4 | 79        | 490                                                                                 |
|            | 4.8           | 665        | 290  | 19400                                | 2.3    | KA                                                                                 | 77 R37  | DT | 71D4 | 63        | 490                                                                                 |
|            | 5.5           | 570        | 252  | 19600                                | 2.7    | KAF                                                                                | 77 R37  | DT | 71D4 | 71        | 490                                                                                 |
|            | 6.2           | 500        | 221  | 19700                                | 3.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 7.1           | 445        | 195  | 19800                                | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 7.9           | 390        | 175  | 19900                                | 4.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 9.0           | 345        | 154  | 19900                                | 4.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.3           | 950        | 420  | 8130                                 | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.8           | 840        | 361  | 10200                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 4.3           | 745        | 323  | 10900                                | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 5.0           | 630        | 279  | 11700                                | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 5.6           | 555        | 246  | 12100                                | 1.50   | K                                                                                  | 67 R37  | DT | 71D4 | 47        | 490                                                                                 |
|            | 6.4           | 495        | 217  | 12400                                | 1.65   | KF                                                                                 | 67 R37  | DT | 71D4 | 52        | 490                                                                                 |
|            | 7.2           | 435        | 191  | 12700                                | 1.90   | KA                                                                                 | 67 R37  | DT | 71D4 | 44        | 490                                                                                 |
|            | 8.3           | 375        | 166  | 12900                                | 2.2    | KAF                                                                                | 67 R37  | DT | 71D4 | 50        | 490                                                                                 |
|            | 9.6           | 330        | 144  | 13000                                | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 11            | 280        | 122  | 13000                                | 2.9    |                                                                                    |         |    |      |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F1)Ra<br>[N] | SEW fB |  |        |    |      | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------|--------|------------------------------------------------------------------------------------|--------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.37       |               | 635        |         | 7350         |        |                                                                                    |        |    |      |           |                                                                                     |
|            | 4.9           | 555        | 280     | 7980         | 0.95   |                                                                                    |        |    |      |           |                                                                                     |
|            | 5.6           | 490        | 246     | 8460         | 1.10   |                                                                                    |        |    |      |           |                                                                                     |
|            | 6.4           | 435        | 215     | 8720         | 1.20   |                                                                                    |        |    |      |           |                                                                                     |
|            | 7.2           | 380        | 192     | 8980         | 1.40   | K                                                                                  | 57 R37 | DT | 71D4 | 41        | 490                                                                                 |
|            | 8.3           | 330        | 166     | 9170         | 1.60   | KF                                                                                 | 57 R37 | DT | 71D4 | 45        | 490                                                                                 |
|            | 9.6           | 300        | 145     | 9290         | 1.80   | KA                                                                                 | 57 R37 | DT | 71D4 | 39        | 490                                                                                 |
|            | 11            | 255        | 129     | 9460         | 2.0    | KAF                                                                                | 57 R37 | DT | 71D4 | 44        | 490                                                                                 |
|            | 12            | 225        | 111     | 9560         | 2.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 14            | 910        | 97      | 28800        | 2.7    |                                                                                    |        |    |      |           |                                                                                     |
|            |               |            |         |              | 3.0    |                                                                                    |        |    |      |           |                                                                                     |
|            | 3.9           | 850        | 174.19  | 28900        | 3.2    | K                                                                                  | 87     | DT | 90S8 | 105       | 464                                                                                 |
|            | 4.1           | 765        | 164.34* | 28900        | 3.5    | KF                                                                                 | 87     | DT | 90S8 | 115       | 465                                                                                 |
|            | 4.6           |            | 147.32* |              |        | KA                                                                                 | 87     | DT | 90S8 | 94        | 466                                                                                 |
|            |               |            |         |              |        | KAF                                                                                | 87     | DT | 90S8 | 105       | 465                                                                                 |
|            | 4.6           | 775        | 197.37  | 28900        | 3.5    | K                                                                                  | 87     | DT | 80K6 | 99        | 464                                                                                 |
|            |               |            |         |              |        | KF                                                                                 | 87     | DT | 80K6 | 110       | 465                                                                                 |
|            | 5.2           | 685        | 174.19  | 28900        | 4.0    | KA                                                                                 | 87     | DT | 80K6 | 87        | 466                                                                                 |
|            |               |            |         |              |        | KAF                                                                                | 87     | DT | 80K6 | 100       | 465                                                                                 |
|            | 5.0           | 705        | 135.28  | 19300        | 2.2    | K                                                                                  | 77     | DT | 90S8 | 70        | 459                                                                                 |
|            | 5.3           | 670        | 128.52  | 19300        | 2.3    | KF                                                                                 | 77     | DT | 90S8 | 78        | 460                                                                                 |
|            | 6.0           | 590        | 113.56  | 19500        | 2.6    | KA                                                                                 | 77     | DT | 90S8 | 63        | 461                                                                                 |
|            | 7.0           | 505        | 97.05   | 19700        | 3.1    | KAF                                                                                | 77     | DT | 90S8 | 71        | 460                                                                                 |
|            | 5.8           | 605        | 154.02  | 19500        | 2.6    | K                                                                                  | 77     | DT | 80K6 | 63        | 459                                                                                 |
|            | 6.7           | 530        | 135.28  | 19600        | 2.9    | KF                                                                                 | 77     | DT | 80K6 | 71        | 460                                                                                 |
|            | 7.0           | 505        | 128.52  | 19700        | 3.1    | KA                                                                                 | 77     | DT | 80K6 | 56        | 461                                                                                 |
|            | 7.9           | 445        | 113.56  | 19800        | 3.5    | KAF                                                                                | 77     | DT | 80K6 | 64        | 460                                                                                 |
|            | 7.2           | 490        | 192.18  | 19700        | 3.0    | K                                                                                  | 77     | DT | 71D4 | 61        | 459                                                                                 |
|            | 7.7           | 460        | 179.37  | 19800        | 3.2    | KF                                                                                 | 77     | DT | 71D4 | 69        | 460                                                                                 |
|            | 9.0           | 395        | 154.02  | 19900        | 3.9    | KA                                                                                 | 77     | DT | 71D4 | 54        | 461                                                                                 |
|            |               |            |         |              |        | KAF                                                                                | 77     | DT | 71D4 | 62        | 460                                                                                 |
|            | 6.3           | 560        | 108.03  | 12100        | 1.45   | K                                                                                  | 67     | DT | 90S8 | 44        | 454                                                                                 |
|            | 6.6           | 535        | 102.62  | 12300        | 1.55   | KF                                                                                 | 67     | DT | 90S8 | 50        | 455                                                                                 |
|            | 7.5           | 470        | 90.04   | 12600        | 1.75   | KA                                                                                 | 67     | DT | 90S8 | 42        | 456                                                                                 |
|            |               |            |         |              |        | KAF                                                                                | 67     | DT | 90S8 | 47        | 455                                                                                 |
|            | 7.3           | 485        | 123.54  | 12500        | 1.70   | K                                                                                  | 67     | DT | 80K6 | 38        | 454                                                                                 |
|            | 8.3           | 425        | 108.03  | 12700        | 1.95   | KF                                                                                 | 67     | DT | 80K6 | 44        | 455                                                                                 |
|            | 8.8           | 405        | 102.62  | 12800        | 2.0    | KA                                                                                 | 67     | DT | 80K6 | 36        | 456                                                                                 |
|            | 10            | 355        | 90.04   | 13000        | 2.3    | KAF                                                                                | 67     | DT | 80K6 | 41        | 455                                                                                 |
|            | 9.5           | 370        | 144.79* | 12900        | 2.2    | K                                                                                  | 67     | DT | 71D4 | 36        | 454                                                                                 |
|            | 11            | 315        | 123.54  | 13000        | 2.6    | KF                                                                                 | 67     | DT | 71D4 | 42        | 455                                                                                 |
|            | 13            | 275        | 108.03  | 13000        | 3.0    | KA                                                                                 | 67     | DT | 71D4 | 34        | 456                                                                                 |
|            | 15            | 230        | 90.04   | 13000        | 3.6    | KAF                                                                                | 67     | DT | 71D4 | 39        | 455                                                                                 |
|            | 18            | 196        | 76.37   | 13000        | 4.2    |                                                                                    |        |    |      |           |                                                                                     |
|            | 7.3           | 485        | 123.85  | 8490         | 1.25   |                                                                                    |        |    |      |           |                                                                                     |
|            | 8.3           | 425        | 108.29  | 8770         | 1.40   | K                                                                                  | 57     | DT | 80K6 | 32        | 449                                                                                 |
|            | 8.8           | 405        | 102.88* | 8870         | 1.50   | KF                                                                                 | 57     | DT | 80K6 | 37        | 450                                                                                 |
|            | 10            | 355        | 90.26*  | 9070         | 1.70   | KA                                                                                 | 57     | DT | 80K6 | 30        | 451                                                                                 |
|            | 12            | 300        | 76.56*  | 9280         | 2.0    | KAF                                                                                | 57     | DT | 80K6 | 36        | 450                                                                                 |
|            | 13            | 270        | 69.12   | 9390         | 2.2    |                                                                                    |        |    |      |           |                                                                                     |
|            | 9.5           | 370        | 145.14* | 9000         | 1.60   |                                                                                    |        |    |      |           |                                                                                     |
|            | 11            | 315        | 123.85  | 9220         | 1.90   | K                                                                                  | 57     | DT | 71D4 | 30        | 449                                                                                 |
|            | 13            | 275        | 108.29  | 9370         | 2.2    | KF                                                                                 | 57     | DT | 71D4 | 35        | 450                                                                                 |
|            | 13            | 265        | 102.88* | 9420         | 2.3    | KA                                                                                 | 57     | DT | 71D4 | 28        | 451                                                                                 |
|            | 15            | 230        | 90.26*  | 9530         | 2.6    | KAF                                                                                | 57     | DT | 71D4 | 34        | 450                                                                                 |
|            | 18            | 196        | 76.56*  | 9650         | 3.1    |                                                                                    |        |    |      |           |                                                                                     |
|            | 20            | 177        | 69.12   | 9700         | 3.4    |                                                                                    |        |    |      |           |                                                                                     |
|            | 8.6           | 410        | 104.37  | 5490         | 1.00   | K                                                                                  | 47     | DT | 80K6 | 27        | 444                                                                                 |
|            | 9.9           | 355        | 90.86   | 6480         | 1.10   | KF                                                                                 | 47     | DT | 80K6 | 30        | 445                                                                                 |
|            | 11            | 335        | 85.12*  | 6730         | 1.20   | KA                                                                                 | 47     | DT | 80K6 | 26        | 446                                                                                 |
|            | 12            | 295        | 75.20*  | 7100         | 1.35   | KAF                                                                                | 47     | DT | 80K6 | 29        | 445                                                                                 |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.37       |               | 340        |         | 6690                                 |        |                                                                                    |         |    |      | 25        |                                                                                     |
|            | 10            | 310        | 131.87* | 6960                                 | 1.20   | K                                                                                  | 47      | DT | 71D4 | 28        | 444                                                                                 |
|            | 11            | 265        | 121.48* | 7330                                 | 1.30   | KF                                                                                 | 47      | DT | 71D4 | 24        | 445                                                                                 |
|            | 13            |            | 104.37  |                                      | 1.50   | KA                                                                                 | 47      | DT | 71D4 | 27        | 446                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 47      | DT | 71D4 | 27        | 445                                                                                 |
|            | 15            | 235        | 90.86   | 7580                                 | 1.70   | K                                                                                  | 47      | DT | 71D4 | 25        | 444                                                                                 |
|            | 16            | 220        | 85.12*  | 7670                                 | 1.85   | KF                                                                                 | 47      | DT | 71D4 | 28        | 445                                                                                 |
|            | 18            | 193        | 75.20*  | 7810                                 | 2.1    | KA                                                                                 | 47      | DT | 71D4 | 24        | 446                                                                                 |
|            | 20            | 179        | 69.84   | 7880                                 | 2.2    | KAF                                                                                | 47      | DT | 71D4 | 27        | 445                                                                                 |
|            | 22            | 162        | 63.30*  | 7960                                 | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 14            | 250        | 97.81   | 2520                                 | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 16            | 215        | 83.69   | 5470                                 | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 19            | 186        | 72.54   | 5690                                 | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 20            | 174        | 67.80   | 5630                                 | 1.15   |                                                                                    |         |    |      |           |                                                                                     |
|            | 24            | 150        | 58.60   | 5510                                 | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 28            | 128        | 49.79   | 5350                                 | 1.55   |                                                                                    |         |    |      |           |                                                                                     |
|            | 31            | 114        | 44.46   | 5230                                 | 1.75   |                                                                                    |         |    |      |           |                                                                                     |
|            | 36            | 97         | 37.97   | 5060                                 | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 39            | 91         | 35.57   | 4990                                 | 2.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 46            | 77         | 29.96   | 4800                                 | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 48            | 74         | 28.83   | 4750                                 | 2.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 55            | 64         | 24.99   | 4590                                 | 3.1    | K                                                                                  | 37      | DT | 71D4 | 18        | 439                                                                                 |
|            | 59            | 60         | 23.36   | 4510                                 | 3.3    | KF                                                                                 | 37      | DT | 71D4 | 20        | 440                                                                                 |
|            | 68            | 52         | 20.19   | 4350                                 | 3.6    | KA                                                                                 | 37      | DT | 71D4 | 17        | 441                                                                                 |
|            | 80            | 44         | 17.15   | 4160                                 | 4.1    | KAF                                                                                | 37      | DT | 71D4 | 19        | 440                                                                                 |
|            | 90            | 39         | 15.31   | 4040                                 | 4.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 105           | 34         | 13.08   | 3860                                 | 4.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 114           | 31         | 12.14   | 3780                                 | 5.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 132           | 27         | 10.49   | 3630                                 | 6.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 155           | 23         |         | 3460                                 | 7.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 173           | 20         | 8.91    | 3350                                 | 7.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 203           | 17         | 7.96    | 3190                                 | 8.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 217           | 16         | 6.80    | 3130                                 | 8.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 257           | 14         | 6.37    | 2970                                 | 10     |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.08          | 55000      | 5.36    | 190000                               | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
| 0.55       | 0.10          | 46200      | 16978   | 190000                               | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.10          | 42000      | 14272   | 190000                               | 1.20   | K                                                                                  | 187 R97 | DT | 80K4 | 1760      | 490                                                                                 |
|            | 0.12          | 36700      | 13116   | 190000                               | 1.35   | KH                                                                                 | 187 R97 | DT | 80K4 | 1700      | 490                                                                                 |
|            | 0.19          | 23800      | 11647   | 190000                               | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.12          | 37500      | 7343    | 150000                               | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.13          | 33300      | 11573   | 150000                               | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.16          | 27900      | 10264   | 150000                               | 1.15   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.21          | 21200      | 8628    | 150000                               | 1.50   | K                                                                                  | 167 R97 | DT | 80K4 | 118       | 490                                                                                 |
|            | 0.25          | 16900      | 6562    | 150000                               | 1.90   | KH                                                                                 | 167 R97 | DT | 80K4 | 0         | 490                                                                                 |
|            | 0.33          | 13100      | 5355    | 150000                               | 2.5    |                                                                                    |         |    |      | 114       |                                                                                     |
|            | 0.20          | 22300      | 4079    | 109700                               | 0.80   |                                                                                    |         |    |      | 0         |                                                                                     |
|            | 0.23          | 19200      | 6881    | 111600                               | 0.95   | K                                                                                  | 157 R97 | DT | 80K4 | 790       | 490                                                                                 |
|            | 0.34          | 12900      | 5931    | 114400                               | 1.40   | KF                                                                                 | 157 R97 | DT | 80K4 | 870       | 490                                                                                 |
|            | 0.45          | 9880       | 3979    | 115300                               | 1.80   | KA                                                                                 | 157 R97 | DT | 80K4 | 750       | 490                                                                                 |
|            | 0.31          | 14900      | 3051    | 76100                                | 0.85   | KAF                                                                                | 157 R97 | DT | 80K4 | 810       | 490                                                                                 |
|            | 0.35          | 13100      | 4423    | 79100                                | 1.00   | K                                                                                  | 127 R77 | DT | 80K4 | 475       | 490                                                                                 |
|            | 0.41          | 11100      | 3889    | 80200                                | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.45          | 10000      | 3311    | 80700                                | 1.30   | KF                                                                                 | 127 R77 | DT | 80K4 | 520       | 490                                                                                 |
|            | 0.52          | 8590       | 3009    | 81200                                | 1.50   | KA                                                                                 | 127 R77 | DT | 80K4 | 445       | 490                                                                                 |
|            | 0.71          | 6620       | 2607    | 81900                                | 1.95   | KAF                                                                                | 127 R77 | DT | 80K4 | 480       | 490                                                                                 |
|            | 0.77          | 6040       | 1926    | 82100                                | 2.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.88          | 5270       | 1757    | 82200                                | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.0           | 4610       | 1541    | 82400                                | 2.8    | K                                                                                  | 127 R77 | DT | 80K4 | 470       | 490                                                                                 |
|            | 1.2           | 4020       | 1342    | 82500                                | 3.2    | KF                                                                                 | 127 R77 | DT | 80K4 | 510       | 490                                                                                 |
|            | 1.3           | 3520       | 1177    | 82600                                | 3.7    | KA                                                                                 | 127 R77 | DT | 80K4 | 445       | 490                                                                                 |
|            | 0.46          | 10100      | 1025    | 65000                                | 0.80   | KAF                                                                                | 127 R77 | DT | 80K4 | 480       | 490                                                                                 |
|            | 0.52          | 8830       | 2977    | 65000                                | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.59          | 7720       | 2599    | 65000                                | 1.05   | K                                                                                  | 107 R77 | DT | 80K4 | 315       | 490                                                                                 |
|            | 0.70          | 6540       | 2286    | 65000                                | 1.20   | KF                                                                                 | 107 R77 | DT | 80K4 | 325       | 490                                                                                 |
|            |               |            | 1939    |                                      |        | KA                                                                                 | 107 R77 | DT | 80K4 | 285       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 107 R77 | DT | 80K4 | 310       | 490                                                                                 |



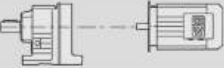
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |      |      | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|------|------|-----------|-------------------------------------------------------------------------------------|
| 0.55       |               | 5920       |       | 65000                                |        |                                                                                    |         |      |      |           |                                                                                     |
|            | 0.79          | 5370       | 1713  | 65000                                | 1.35   |                                                                                    |         |      |      |           |                                                                                     |
|            | 0.87          | 4610       | 1554  | 65000                                | 1.50   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.0           | 4030       | 1336  | 65000                                | 1.75   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.2           | 3460       | 1166  | 65000                                | 2.0    | K                                                                                  | 107 R77 | DT   | 80K4 | 310       | 490                                                                                 |
|            | 1.3           | 3010       | 1030  | 65000                                | 2.3    | KF                                                                                 | 107 R77 | DT   | 80K4 | 325       | 490                                                                                 |
|            | 1.5           | 2730       | 904   | 65000                                | 2.7    | KA                                                                                 | 107 R77 | DT   | 80K4 | 285       | 490                                                                                 |
|            | 1.7           | 2380       | 793   | 65000                                | 2.9    | KAF                                                                                | 107 R77 | DT   | 80K4 | 310       | 490                                                                                 |
|            | 1.9           | 2050       | 696   | 65000                                | 3.4    |                                                                                    |         |      |      |           |                                                                                     |
|            | 2.2           | 4940       | 615   | 65000                                | 3.9    |                                                                                    |         |      |      |           |                                                                                     |
|            |               |            |       | 40000                                | 0.85   |                                                                                    |         |      |      |           |                                                                                     |
|            | 0.95          | 4440       | 1430  | 40000                                | 0.95   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.1           | 3870       | 1261  | 40000                                | 1.10   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.2           | 3400       | 1102  | 40000                                | 1.25   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.4           | 3040       | 957   | 40000                                | 1.40   |                                                                                    |         |      |      |           |                                                                                     |
|            | 1.6           | 2550       | 855   | 40000                                | 1.70   | K                                                                                  | 97 R57  | DT   | 80K4 | 180       | 490                                                                                 |
|            | 1.8           | 2250       | 743   | 40000                                | 1.90   | KF                                                                                 | 97 R57  | DT   | 80K4 | 205       | 490                                                                                 |
|            | 2.1           | 2020       | 652   | 40000                                | 2.1    | KA                                                                                 | 97 R57  | DT   | 80K4 | 165       | 490                                                                                 |
|            | 2.4           | 1720       | 573   | 40000                                | 2.5    | KAF                                                                                | 97 R57  | DT   | 80K4 | 190       | 490                                                                                 |
|            | 2.7           | 1480       | 504   | 40000                                | 2.9    |                                                                                    |         |      |      |           |                                                                                     |
|            | 3.1           | 1320       | 437   | 40000                                | 3.3    |                                                                                    |         |      |      |           |                                                                                     |
|            | 3.6           | 1070       | 382   | 40000                                | 4.0    |                                                                                    |         |      |      |           |                                                                                     |
|            | 4.5           | 3300       | 305   | 26400                                | 0.80   |                                                                                    |         |      |      |           |                                                                                     |
| 1.4        | 2890          | 951        | 27000 | 0.95                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 1.6        | 2510          | 837        | 27500 | 1.10                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 1.9        | 2220          | 726        | 27800 | 1.20                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 2.1        | 1940          | 638        | 28100 | 1.40                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 2.4        | 1640          | 562        | 28400 | 1.65                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 2.9        | 1470          | 474        | 28500 | 1.85                                 | K      | 87 R57                                                                             | DT      | 80K4 | 120  | 490       |                                                                                     |
| 3.2        | 1290          | 426        | 28600 | 2.1                                  | KF     | 87 R57                                                                             | DT      | 80K4 | 130  | 490       |                                                                                     |
| 3.6        | 1130          | 373        | 28700 | 2.4                                  | KA     | 87 R57                                                                             | DT      | 80K4 | 110  | 490       |                                                                                     |
| 4.1        | 1010          | 330        | 28800 | 2.7                                  | KAF    | 87 R57                                                                             | DT      | 80K4 | 125  | 490       |                                                                                     |
| 4.6        | 870           | 294        | 28800 | 3.1                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 5.4        | 820           | 250        | 28900 | 3.3                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 5.8        | 695           | 236        | 28900 | 3.9                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 6.8        | 1690          | 201        | 14300 | 0.90                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 2.8        | 1490          | 485        | 15800 | 1.05                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 3.2        | 1290          | 428        | 17000 | 1.20                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 3.7        | 1150          | 367        | 17700 | 1.35                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 4.2        | 1020          | 328        | 18200 | 1.50                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 4.7        | 880           | 290        | 18700 | 1.75                                 | K      | 77 R37                                                                             | DT      | 80K4 | 73   | 490       |                                                                                     |
| 5.4        | 770           | 252        | 19100 | 2.0                                  | KF     | 77 R37                                                                             | DT      | 80K4 | 81   | 490       |                                                                                     |
| 6.2        | 680           | 221        | 19300 | 2.3                                  | KA     | 77 R37                                                                             | DT      | 80K4 | 65   | 490       |                                                                                     |
| 7.0        | 605           | 195        | 19500 | 2.6                                  | KAF    | 77 R37                                                                             | DT      | 80K4 | 73   | 490       |                                                                                     |
| 7.8        | 535           | 175        | 19600 | 2.9                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 8.8        | 970           | 154        | 6400  | 0.85                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 4.9        | 850           | 279        | 9990  | 0.95                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 5.5        | 760           | 246        | 10800 | 1.10                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 6.2        | 670           | 217        | 11500 | 1.25                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 7.1        | 575           | 191        | 12000 | 1.40                                 | K      | 67 R37                                                                             | DT      | 80K4 | 49   | 490       |                                                                                     |
| 8.2        | 505           | 166        | 12400 | 1.60                                 | KF     | 67 R37                                                                             | DT      | 80K4 | 54   | 490       |                                                                                     |
| 9.4        | 430           | 144        | 12700 | 1.90                                 | KA     | 67 R37                                                                             | DT      | 80K4 | 46   | 490       |                                                                                     |
| 11         | 670           | 122        | 4080  | 0.90                                 | KAF    | 67 R37                                                                             | DT      | 80K4 | 52   | 490       |                                                                                     |
| 7.1        | 580           | 192        | 7800  | 1.05                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 8.2        | 510           | 166        | 8360  | 1.20                                 |        |                                                                                    |         |      |      |           |                                                                                     |
| 9.4        | 455           | 145        | 8630  | 1.30                                 | K      | 57 R37                                                                             | DT      | 80K4 | 43   | 490       |                                                                                     |
| 11         | 390           | 129        | 8930  | 1.55                                 | KF     | 57 R37                                                                             | DT      | 80K4 | 47   | 490       |                                                                                     |
| 12         | 340           | 111        | 9120  | 1.75                                 | KA     | 57 R37                                                                             | DT      | 80K4 | 41   | 490       |                                                                                     |
| 14         | 1350          | 97         | 28600 | 2.0                                  | KAF    | 57 R37                                                                             | DT      | 80K4 | 46   | 490       |                                                                                     |
| 3.9        | 1270          |            | 28600 | 2.1                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 4.1        | 1140          |            | 28700 | 2.4                                  |        |                                                                                    |         |      |      |           |                                                                                     |
| 4.6        |               |            |       |                                      |        |                                                                                    |         |      |      |           |                                                                                     |
|            |               | 174.19     |       |                                      | K      | 87                                                                                 | DT      | 90L8 | 105  | 464       |                                                                                     |
|            |               | 164.34*    |       |                                      | KF     | 87                                                                                 | DT      | 90L8 | 115  | 465       |                                                                                     |
|            |               | 147.32*    |       |                                      | KA     | 87                                                                                 | DT      | 90L8 | 95   | 466       |                                                                                     |
|            |               |            |       |                                      | KAF    | 87                                                                                 | DT      | 90L8 | 110  | 465       |                                                                                     |
| 4.6        | 1150          | 197.37     | 28700 | 2.3                                  | K      | 87                                                                                 | DT      | 80N6 | 100  | 464       |                                                                                     |
| 5.2        | 1020          | 174.19     | 28800 | 2.7                                  | KF     | 87                                                                                 | DT      | 80N6 | 110  | 465       |                                                                                     |
| 5.5        | 960           | 164.34*    | 28800 | 2.8                                  | KA     | 87                                                                                 | DT      | 80N6 | 89   | 466       |                                                                                     |
| 6.1        | 860           | 147.32*    | 28900 | 3.1                                  | KAF    | 87                                                                                 | DT      | 80N6 | 100  | 465       |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |    |    |      | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|----|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.55       |               | 1040       |         | 18100                                |        |                                                                                    |    |    |      | 71        |                                                                                     |
|            | 5.0           | 990        | 135.28  | 18300                                | 1.50   | K                                                                                  | 77 | DT | 90L8 | 79        | 459                                                                                 |
|            | 5.3           | 880        | 128.52  | 18700                                | 1.55   | KF                                                                                 | 77 | DT | 90L8 | 64        | 460                                                                                 |
|            | 6.0           | 750        | 113.56  | 19100                                | 1.75   | KA                                                                                 | 77 | DT | 90L8 | 72        | 461                                                                                 |
|            | 7.0           | 900        | 97.05   | 18700                                | 2.1    | KAF                                                                                | 77 | DT | 90L8 | 65        | 459                                                                                 |
|            | 5.8           | 790        | 154.02  | 19000                                | 1.70   | K                                                                                  | 77 | DT | 80N6 | 73        | 460                                                                                 |
|            | 6.7           | 750        | 135.28  | 19100                                | 1.95   | KF                                                                                 | 77 | DT | 80N6 | 58        | 461                                                                                 |
|            | 7.0           | 665        | 128.52  | 19400                                | 2.3    | KA                                                                                 | 77 | DT | 80N6 | 66        | 460                                                                                 |
|            | 7.9           | 595        | 113.56  | 19500                                | 2.6    | KAF                                                                                | 77 | DT | 80N6 | 63        | 459                                                                                 |
|            | 8.8           | 520        | 154.02  | 19700                                | 3.0    | K                                                                                  | 77 | DT | 80K4 | 71        | 460                                                                                 |
|            | 10            | 495        | 135.28  | 19700                                | 3.1    | KF                                                                                 | 77 | DT | 80K4 | 56        | 461                                                                                 |
|            | 11            | 440        | 128.52  | 19800                                | 3.5    | KA                                                                                 | 77 | DT | 80K4 | 64        | 460                                                                                 |
|            | 12            | 375        | 113.56  | 19900                                | 4.1    | KAF                                                                                | 77 | DT | 80K4 |           |                                                                                     |
|            | 14            | 720        | 97.05   | 11100                                | 1.15   |                                                                                    |    |    |      |           |                                                                                     |
|            | 7.3           | 630        | 123.54  | 11700                                | 1.30   | K                                                                                  | 67 | DT | 80N6 | 39        | 454                                                                                 |
|            | 8.3           | 600        | 108.03  | 11900                                | 1.35   | KF                                                                                 | 67 | DT | 80N6 | 45        | 455                                                                                 |
|            | 8.8           | 525        | 102.62  | 12300                                | 1.55   | KA                                                                                 | 67 | DT | 80N6 | 37        | 456                                                                                 |
|            | 10            | 445        | 90.04   | 12600                                | 1.85   | KAF                                                                                | 67 | DT | 80N6 | 42        | 455                                                                                 |
|            | 12            | 475        | 76.37   | 12600                                | 1.70   |                                                                                    |    |    |      |           |                                                                                     |
|            | 11            | 415        | 123.54  | 12800                                | 1.95   | K                                                                                  | 67 | DT | 80K4 | 38        | 454                                                                                 |
|            | 13            | 350        | 108.03  | 13000                                | 2.4    | KF                                                                                 | 67 | DT | 80K4 | 44        | 455                                                                                 |
|            | 15            | 295        | 90.04   | 13000                                | 2.8    | KA                                                                                 | 67 | DT | 80K4 | 36        | 456                                                                                 |
|            | 18            | 630        | 76.37   | 7360                                 | 0.95   | KAF                                                                                | 67 | DT | 80K4 | 41        | 455                                                                                 |
|            | 8.3           | 600        | 108.29  | 7630                                 | 1.00   |                                                                                    |    |    |      |           |                                                                                     |
|            | 8.8           | 525        | 102.88* | 8220                                 | 1.15   | K                                                                                  | 57 | DT | 80N6 | 33        | 449                                                                                 |
|            | 10            | 445        | 90.26*  | 8670                                 | 1.35   | KF                                                                                 | 57 | DT | 80N6 | 38        | 450                                                                                 |
|            | 12            | 405        | 76.56*  | 8870                                 | 1.50   | KA                                                                                 | 57 | DT | 80N6 | 31        | 451                                                                                 |
|            | 13            | 355        | 69.12   | 9070                                 | 1.70   | KAF                                                                                | 57 | DT | 80N6 | 37        | 450                                                                                 |
|            | 15            | 335        | 60.81*  | 9150                                 | 1.80   |                                                                                    |    |    |      |           |                                                                                     |
|            | 16            | 480        | 57.42*  | 8520                                 | 1.25   |                                                                                    |    |    |      |           |                                                                                     |
|            | 11            | 420        | 123.85  | 8800                                 | 1.45   |                                                                                    |    |    |      |           |                                                                                     |
|            | 13            | 395        | 108.29  | 8890                                 | 1.50   |                                                                                    |    |    |      |           |                                                                                     |
|            | 13            | 350        | 102.88* | 9100                                 | 1.70   | K                                                                                  | 57 | DT | 80K4 | 32        | 449                                                                                 |
|            | 15            | 295        | 90.26*  | 9300                                 | 2.0    | KF                                                                                 | 57 | DT | 80K4 | 37        | 450                                                                                 |
|            | 18            | 265        | 76.56*  | 9410                                 | 2.3    | KA                                                                                 | 57 | DT | 80K4 | 30        | 451                                                                                 |
|            | 20            | 235        | 69.12   | 9520                                 | 2.6    | KAF                                                                                | 57 | DT | 80K4 | 36        | 450                                                                                 |
|            | 22            | 220        | 60.81*  | 9560                                 | 2.7    |                                                                                    |    |    |      |           |                                                                                     |
|            | 24            | 405        | 57.42*  | 5880                                 | 1.00   |                                                                                    |    |    |      |           |                                                                                     |
|            | 13            | 350        | 104.37  | 6550                                 | 1.15   |                                                                                    |    |    |      |           |                                                                                     |
|            | 15            | 330        | 90.86   | 6790                                 | 1.20   | K                                                                                  | 47 | DT | 80K4 | 27        | 444                                                                                 |
|            | 16            | 290        | 85.12*  | 7150                                 | 1.40   | KF                                                                                 | 47 | DT | 80K4 | 30        | 445                                                                                 |
|            | 18            | 270        | 75.20*  | 7310                                 | 1.50   | KA                                                                                 | 47 | DT | 80K4 | 26        | 446                                                                                 |
|            | 19            | 245        | 69.84   | 7500                                 | 1.65   | KAF                                                                                | 47 | DT | 80K4 | 29        | 445                                                                                 |
|            | 21            | 220        | 63.30*  | 7660                                 | 1.80   | K                                                                                  | 47 | DT | 80K4 | 27        | 444                                                                                 |
|            | 24            | 189        | 56.83   | 7830                                 | 2.1    | KF                                                                                 | 47 | DT | 80K4 | 30        | 445                                                                                 |
|            | 28            | 178        | 48.95*  | 7880                                 | 2.3    | KA                                                                                 | 47 | DT | 80K4 | 26        | 446                                                                                 |
|            | 30            | 225        | 46.03*  | 4850                                 | 0.90   | KAF                                                                                | 47 | DT | 80K4 | 29        | 445                                                                                 |
|            | 23            | 192        |         | 4790                                 | 1.05   |                                                                                    |    |    |      |           |                                                                                     |
|            | 27            | 172        | 58.60   | 4740                                 | 1.15   |                                                                                    |    |    |      |           |                                                                                     |
|            | 31            | 147        | 49.79   | 4640                                 | 1.35   |                                                                                    |    |    |      |           |                                                                                     |
|            | 36            | 137        | 44.46   | 4600                                 | 1.45   |                                                                                    |    |    |      |           |                                                                                     |
|            | 38            | 116        | 37.97   | 4470                                 | 1.75   |                                                                                    |    |    |      |           |                                                                                     |
|            | 45            | 111        | 35.57   | 4440                                 | 1.80   |                                                                                    |    |    |      |           |                                                                                     |
|            | 47            | 97         | 29.96   | 4320                                 | 2.1    |                                                                                    |    |    |      |           |                                                                                     |
|            | 54            | 90         | 28.83   | 4260                                 | 2.2    |                                                                                    |    |    |      |           |                                                                                     |
|            | 58            | 78         | 24.99   | 4130                                 | 2.4    |                                                                                    |    |    |      |           |                                                                                     |
|            | 67            | 66         | 23.36   | 3980                                 | 2.7    |                                                                                    |    |    |      |           |                                                                                     |
|            | 79            | 59         | 20.19   | 3880                                 | 3.0    | K                                                                                  | 37 | DT | 80K4 | 20        | 439                                                                                 |
|            | 89            | 51         | 17.15   | 3730                                 | 3.3    | KF                                                                                 | 37 | DT | 80K4 | 22        | 440                                                                                 |
|            | 104           | 47         | 15.31   | 3660                                 | 3.4    | KA                                                                                 | 37 | DT | 80K4 | 19        | 441                                                                                 |
|            | 112           | 41         | 13.08   | 3520                                 | 4.0    | KAF                                                                                | 37 | DT | 80K4 | 21        | 440                                                                                 |
|            | 130           | 34         | 12.14   | 3370                                 | 4.7    |                                                                                    |    |    |      |           |                                                                                     |
|            | 153           | 31         | 10.49   | 3270                                 | 5.1    |                                                                                    |    |    |      |           |                                                                                     |
|            | 171           | 26         | 8.91    | 3130                                 | 5.7    |                                                                                    |    |    |      |           |                                                                                     |
|            | 200           | 25         | 7.96    | 3070                                 | 5.9    |                                                                                    |    |    |      |           |                                                                                     |
|            | 214           | 21         | 6.80    | 2920                                 | 6.8    |                                                                                    |    |    |      |           |                                                                                     |
|            | 254           | 15         | 6.37    | 2680                                 | 8.1    |                                                                                    |    |    |      |           |                                                                                     |
|            | 342           |            | 5.36    |                                      |        |                                                                                    |    |    |      |           |                                                                                     |
|            |               |            | 3.98    |                                      |        |                                                                                    |    |    |      |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.75       |               | 58000      |       | 190000                               |        |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.11          | 50900      | 13116 | 190000                               | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.12          | 32700      | 11647 | 190000                               | 1.00   | K                                                                                  | 187 R97 | DT | 80N4 | 1770      | 490                                                                                 |
|            | 0.19          | 29900      | 7343  | 190000                               | 1.55   | KH                                                                                 | 187 R97 | DT | 80N4 | 1700      | 490                                                                                 |
|            | 0.20          | 26200      | 6747  | 190000                               | 1.65   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.23          | 38500      | 5991  | 190000                               | 1.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.16          | 29300      | 8628  | 150000                               | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.21          | 23400      | 6562  | 150000                               | 1.10   | K                                                                                  | 167 R97 | DT | 80N4 | 118       | 490                                                                                 |
|            | 0.26          | 18100      | 5355  | 150000                               | 1.35   | KH                                                                                 | 167 R97 | DT | 80N4 | 0         | 490                                                                                 |
|            | 0.34          | 15100      | 4079  | 150000                               | 1.75   |                                                                                    |         |    |      | 115       |                                                                                     |
|            | 0.41          | 17700      | 3376  | 150000                               | 2.1    |                                                                                    |         |    |      | 0         |                                                                                     |
|            | 0.35          | 13600      | 3979  | 112300                               | 1.00   | K                                                                                  | 157 R97 | DT | 80N4 | 790       | 490                                                                                 |
|            | 0.45          |            | 3051  | 114100                               | 1.30   | KF                                                                                 | 157 R97 | DT | 80N4 | 870       | 490                                                                                 |
|            |               |            |       |                                      |        | KA                                                                                 | 157 R97 | DT | 80N4 | 750       | 490                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 157 R97 | DT | 80N4 | 810       | 490                                                                                 |
|            | 0.83          | 7490       | 1659  | 115900                               | 2.4    | K                                                                                  | 157 R97 | DT | 80N4 | 790       | 490                                                                                 |
|            | 1.0           | 6040       | 1365  | 116200                               | 3.0    | KF                                                                                 | 157 R97 | DT | 80N4 | 870       | 490                                                                                 |
|            |               |            |       |                                      |        | KA                                                                                 | 157 R97 | DT | 80N4 | 750       | 490                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 157 R97 | DT | 80N4 | 810       | 490                                                                                 |
|            | 0.42          | 15100      | 3311  | 75700                                | 0.85   | K                                                                                  | 127 R77 | DT | 80N4 | 475       | 490                                                                                 |
|            | 0.46          | 13700      | 3009  | 78600                                | 0.95   | KF                                                                                 | 127 R77 | DT | 80N4 | 520       | 490                                                                                 |
|            | 0.53          | 11800      | 2607  | 79800                                | 1.10   | KA                                                                                 | 127 R77 | DT | 80N4 | 445       | 490                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 127 R77 | DT | 80N4 | 485       | 490                                                                                 |
| 0.75       | 0.72          | 9010       | 1926  | 81100                                | 1.45   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.79          | 8220       | 1757  | 81400                                | 1.60   | K                                                                                  | 127 R77 | DT | 80N4 | 475       | 490                                                                                 |
|            | 0.90          | 7180       | 1541  | 81700                                | 1.80   | KF                                                                                 | 127 R77 | DT | 80N4 | 520       | 490                                                                                 |
|            | 1.0           | 6280       | 1342  | 82000                                | 2.1    | KA                                                                                 | 127 R77 | DT | 80N4 | 445       | 490                                                                                 |
|            | 1.2           | 5480       | 1177  | 82200                                | 2.4    | KAF                                                                                | 127 R77 | DT | 80N4 | 485       | 490                                                                                 |
|            | 1.4           | 4790       | 1025  | 82300                                | 2.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.5           | 4190       | 899   | 82500                                | 3.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.81          | 8040       | 1713  | 65000                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.89          | 7300       | 1554  | 65000                                | 1.10   | K                                                                                  | 107 R77 | DT | 80N4 | 315       | 490                                                                                 |
|            | 1.0           | 6270       | 1336  | 65000                                | 1.30   | KF                                                                                 | 107 R77 | DT | 80N4 | 325       | 490                                                                                 |
| 0.75       | 1.2           | 5470       | 1166  | 65000                                | 1.45   | KA                                                                                 | 107 R77 | DT | 80N4 | 285       | 490                                                                                 |
|            | 1.3           | 4740       | 1030  | 65000                                | 1.70   | KAF                                                                                | 107 R77 | DT | 80N4 | 310       | 490                                                                                 |
|            | 1.5           | 4130       | 904   | 65000                                | 1.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.7           | 3710       | 793   | 65000                                | 2.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.0           | 3240       | 696   | 65000                                | 2.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.2           | 2810       | 615   | 65000                                | 2.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.2           | 5240       | 1102  | 39600                                | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.4           | 4600       | 957   | 40000                                | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.6           | 4110       | 855   | 40000                                | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 3470       | 743   | 40000                                | 1.25   |                                                                                    |         |    |      |           |                                                                                     |
| 0.75       | 2.1           | 3050       | 652   | 40000                                | 1.40   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.4           | 2740       | 573   | 40000                                | 1.55   | K                                                                                  | 97 R57  | DT | 80N4 | 185       | 490                                                                                 |
|            | 2.7           | 2350       | 504   | 40000                                | 1.85   | KF                                                                                 | 97 R57  | DT | 80N4 | 205       | 490                                                                                 |
|            | 3.2           | 2020       | 437   | 40000                                | 2.1    | KA                                                                                 | 97 R57  | DT | 80N4 | 165       | 490                                                                                 |
|            | 3.6           | 1790       | 382   | 40000                                | 2.4    | KAF                                                                                | 97 R57  | DT | 80N4 | 190       | 490                                                                                 |
|            | 4.5           | 1450       | 305   | 40000                                | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 5.4           | 1220       | 258   | 40000                                | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 6.0           | 1100       | 232   | 40000                                | 3.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 6.9           | 940        | 199   | 40000                                | 4.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.9           | 3410       | 726   | 26300                                | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
| 0.75       | 2.2           | 3010       | 638   | 26900                                | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.5           | 2640       | 562   | 27400                                | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.9           | 2220       | 474   | 27800                                | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.2           | 2000       | 426   | 28100                                | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 3.7           | 1760       | 373   | 28300                                | 1.55   | K                                                                                  | 87 R57  | DT | 80N4 | 125       | 490                                                                                 |
|            | 4.2           | 1540       | 330   | 28400                                | 1.75   | KF                                                                                 | 87 R57  | DT | 80N4 | 130       | 490                                                                                 |
|            | 4.7           | 1370       | 294   | 28600                                | 1.95   | KA                                                                                 | 87 R57  | DT | 80N4 | 110       | 490                                                                                 |
|            | 5.5           | 1190       | 250   | 28700                                | 2.3    | KAF                                                                                | 87 R57  | DT | 80N4 | 125       | 490                                                                                 |
|            | 5.8           | 1120       | 236   | 28700                                | 2.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 6.9           | 950        | 201   | 28800                                | 2.9    |                                                                                    |         |    |      |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |        |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|--------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 0.75       |               | 1740       |         | 13900                                |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 3.8           | 1550       | 367     | 15400                                | 0.90   | K                                                                                  | 77 R37 | DT | 80N4  | 74        | 490                                                                                 |
|            | 4.2           | 1380       | 328     | 16500                                | 1.00   | KF                                                                                 | 77 R37 | DT | 80N4  | 82        | 490                                                                                 |
|            | 4.8           | 1190       | 290     | 17500                                | 1.15   | KA                                                                                 | 77 R37 | DT | 80N4  | 66        | 490                                                                                 |
|            | 5.5           | 1040       | 252     | 18100                                | 1.30   | KAF                                                                                | 77 R37 | DT | 80N4  | 74        | 490                                                                                 |
|            | 6.2           | 1830       |         | 40000                                | 2.4    | K                                                                                  | 97     | DV | 100M8 | 175       | 469                                                                                 |
|            | 3.9           | 1590       | 176.05* | 40000                                | 2.7    | KF                                                                                 | 97     | DV | 100M8 | 195       | 470                                                                                 |
|            | 4.5           | 1460       | 153.21* | 40000                                | 3.0    | KA                                                                                 | 97     | DV | 100M8 | 155       | 471                                                                                 |
|            | 4.9           |            | 140.28  |                                      |        | KAF                                                                                | 97     | DV | 100M8 | 180       | 470                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 4.7           | 1530       | 147.32* | 28500                                | 1.75   | K                                                                                  | 87     | DV | 100M8 | 115       | 464                                                                                 |
|            | 5.4           | 1320       | 126.91* | 28600                                | 2.1    | KF                                                                                 | 87     | DV | 100M8 | 125       | 465                                                                                 |
|            | 6.0           | 1200       | 115.82  | 28700                                | 2.3    | KA                                                                                 | 87     | DV | 100M8 | 105       | 466                                                                                 |
|            | 6.7           | 1070       | 102.71* | 28700                                | 2.5    | KAF                                                                                | 87     | DV | 100M8 | 115       | 465                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 5.2           | 1390       | 174.19  | 28600                                | 1.95   | K                                                                                  | 87     | DT | 90S6  | 105       | 464                                                                                 |
|            | 5.5           | 1310       | 164.34* | 28600                                | 2.1    | KF                                                                                 | 87     | DT | 90S6  | 115       | 465                                                                                 |
|            | 6.1           | 1170       | 147.32* | 28700                                | 2.3    | KA                                                                                 | 87     | DT | 90S6  | 94        | 466                                                                                 |
|            | 7.1           | 1010       | 126.91* | 28800                                | 2.7    | KAF                                                                                | 87     | DT | 90S6  | 105       | 465                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 7.0           | 1020       | 197.37  | 28800                                | 2.6    | K                                                                                  | 87     | DT | 80N4  | 100       | 464                                                                                 |
|            | 7.9           | 900        | 174.19  | 28800                                | 3.0    | KF                                                                                 | 87     | DT | 80N4  | 110       | 465                                                                                 |
|            | 8.4           | 850        | 164.34* | 28900                                | 3.2    | KA                                                                                 | 87     | DT | 80N4  | 89        | 466                                                                                 |
|            | 9.4           | 765        | 147.32* | 28900                                | 3.5    | KAF                                                                                | 87     | DT | 80N4  | 100       | 465                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 6.7           | 1080       | 135.28  | 18000                                | 1.45   | K                                                                                  | 77     | DT | 90S6  | 70        | 459                                                                                 |
|            | 7.0           | 1020       | 128.52  | 18200                                | 1.50   | KF                                                                                 | 77     | DT | 90S6  | 78        | 460                                                                                 |
|            | 7.9           | 900        | 113.56  | 18700                                | 1.70   | KA                                                                                 | 77     | DT | 90S6  | 63        | 461                                                                                 |
|            | 9.3           | 770        | 97.05   | 19100                                | 2.0    | KAF                                                                                | 77     | DT | 90S6  | 71        | 460                                                                                 |
|            | 10            | 710        | 88.97   | 19200                                | 2.2    |                                                                                    |        |    |       |           |                                                                                     |
|            | 9.0           | 800        | 154.02  | 19000                                | 1.95   | K                                                                                  | 77     | DT | 80N4  | 65        | 459                                                                                 |
|            | 10            | 700        | 135.28  | 19300                                | 2.2    | KF                                                                                 | 77     | DT | 80N4  | 73        | 460                                                                                 |
|            | 11            | 665        | 128.52  | 19300                                | 2.3    | KA                                                                                 | 77     | DT | 80N4  | 58        | 461                                                                                 |
|            | 12            | 590        | 113.56  | 19500                                | 2.6    | KAF                                                                                | 77     | DT | 80N4  | 66        | 460                                                                                 |
|            | 14            | 505        | 97.05   | 19700                                | 3.1    |                                                                                    |        |    |       |           |                                                                                     |
|            | 11            | 640        | 123.54  | 11700                                | 1.30   | K                                                                                  | 67     | DT | 80N4  | 39        | 454                                                                                 |
|            | 13            | 560        | 108.03  | 12100                                | 1.45   | KF                                                                                 | 67     | DT | 80N4  | 45        | 455                                                                                 |
|            | 15            | 465        | 90.04   | 12600                                | 1.75   | KA                                                                                 | 67     | DT | 80N4  | 37        | 456                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 67     | DT | 80N4  | 42        | 455                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 18            | 395        | 76.37   | 12800                                | 2.1    | K                                                                                  | 67     | DT | 80N4  | 39        | 454                                                                                 |
|            | 20            | 360        | 68.95   | 13000                                | 2.3    | KF                                                                                 | 67     | DT | 80N4  | 45        | 455                                                                                 |
|            | 23            | 315        | 60.66   | 13000                                | 2.6    | KA                                                                                 | 67     | DT | 80N4  | 37        | 456                                                                                 |
|            | 24            | 295        | 57.28   | 13000                                | 2.8    | KAF                                                                                | 67     | DT | 80N4  | 42        | 455                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 11            | 645        | 123.85  | 7130                                 | 0.95   |                                                                                    |        |    |       |           |                                                                                     |
|            | 13            | 560        | 108.29  | 7940                                 | 1.05   |                                                                                    |        |    |       |           |                                                                                     |
|            | 13            | 535        | 102.88* | 8160                                 | 1.10   |                                                                                    |        |    |       |           |                                                                                     |
|            | 15            | 470        | 90.26*  | 8570                                 | 1.30   | K                                                                                  | 57     | DT | 80N4  | 33        | 449                                                                                 |
|            | 18            | 395        | 76.56*  | 8890                                 | 1.50   | KF                                                                                 | 57     | DT | 80N4  | 38        | 450                                                                                 |
|            | 20            | 360        | 69.12   | 9060                                 | 1.65   | KA                                                                                 | 57     | DT | 80N4  | 31        | 451                                                                                 |
|            | 23            | 315        | 60.81*  | 9230                                 | 1.90   | KAF                                                                                | 57     | DT | 80N4  | 37        | 450                                                                                 |
|            | 24            | 300        | 57.42*  | 9290                                 | 2.0    |                                                                                    |        |    |       |           |                                                                                     |
|            | 28            | 255        | 48.89   | 9450                                 | 2.4    |                                                                                    |        |    |       |           |                                                                                     |
|            | 31            | 230        | 44.43   | 9530                                 | 2.6    |                                                                                    |        |    |       |           |                                                                                     |
|            | 18            | 390        | 75.20*  | 6060                                 | 1.00   | K                                                                                  | 47     | DT | 80N4  | 28        | 444                                                                                 |
|            | 20            | 365        | 69.84   | 6410                                 | 1.10   | KF                                                                                 | 47     | DT | 80N4  | 31        | 445                                                                                 |
|            | 22            | 330        | 63.30*  | 6790                                 | 1.20   | KA                                                                                 | 47     | DT | 80N4  | 27        | 446                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 47     | DT | 80N4  | 30        | 445                                                                                 |
|            |               |            |         |                                      |        |                                                                                    |        |    |       |           |                                                                                     |
|            | 24            | 295        | 56.83   | 7110                                 | 1.35   |                                                                                    |        |    |       |           |                                                                                     |
|            | 28            | 255        | 48.95*  | 7430                                 | 1.55   | K                                                                                  | 47     | DT | 80N4  | 28        | 444                                                                                 |
|            | 30            | 240        | 46.03*  | 7540                                 | 1.65   | KF                                                                                 | 47     | DT | 80N4  | 31        | 445                                                                                 |
|            | 35            | 205        | 39.61   | 7740                                 | 1.95   | KA                                                                                 | 47     | DT | 80N4  | 27        | 446                                                                                 |
|            | 39            | 184        | 35.39   | 7760                                 | 2.2    | KAF                                                                                | 47     | DT | 80N4  | 30        | 445                                                                                 |
|            | 44            | 162        | 31.30   | 7550                                 | 2.5    |                                                                                    |        |    |       |           |                                                                                     |

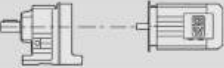


| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
| 0.75       |               | 230        |       | 4170                                 |        |                                                                                    |         |    |      |           |                                                                                     |
|            | 31            | 197        | 44.46 | 4150                                 | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 36            | 185        | 37.97 | 4140                                 | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 39            | 156        | 35.57 | 4080                                 | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 46            | 150        | 29.96 | 4060                                 | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 48            | 130        | 28.83 | 3990                                 | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 55            | 121        | 24.99 | 3950                                 | 1.55   |                                                                                    |         |    |      |           |                                                                                     |
|            | 59            | 105        | 20.19 | 3860                                 | 1.75   |                                                                                    |         |    |      |           |                                                                                     |
|            | 68            | 89         | 17.15 | 3750                                 | 2.0    | K                                                                                  | 37      | DT | 80N4 | 21        | 439                                                                                 |
|            | 80            | 80         | 15.31 | 3670                                 | 2.2    | KF                                                                                 | 37      | DT | 80N4 | 23        | 440                                                                                 |
|            | 90            | 68         | 13.08 | 3550                                 | 2.4    | KA                                                                                 | 37      | DT | 80N4 | 20        | 441                                                                                 |
|            | 105           | 63         | 12.14 | 3500                                 | 2.5    | KAF                                                                                | 37      | DT | 80N4 | 22        | 440                                                                                 |
|            | 114           | 54         | 10.49 | 3380                                 | 2.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 132           | 46         |       | 3250                                 | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 155           | 41         | 8.91  | 3160                                 | 3.8    |                                                                                    |         |    |      |           |                                                                                     |
|            | 173           | 35         | 7.96  | 3030                                 | 4.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 203           | 33         | 6.80  | 2980                                 | 4.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 217           | 28         | 6.37  | 2840                                 | 5.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 257           | 21         | 5.36  | 2620                                 | 6.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 347           | 59700      | 3.98  | 190000                               | 0.85   |                                                                                    |         |    |      |           |                                                                                     |
| 1.1        | 0.15          | 51100      | 9363  | 190000                               | 1.00   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.17          | 48400      | 8126  | 190000                               | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.19          | 44200      | 7343  | 190000                               | 1.15   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.21          | 39000      | 6747  | 190000                               | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.23          | 34500      | 5991  | 190000                               | 1.45   | K                                                                                  | 187 R97 | DT | 90S4 | 1770      | 490                                                                                 |
|            | 0.26          | 30700      | 5358  | 190000                               | 1.65   | KH                                                                                 | 187 R97 | DT | 90S4 | 1700      | 490                                                                                 |
|            | 0.29          | 27900      | 4817  | 190000                               | 1.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.32          | 34800      | 4370  | 150000                               | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.26          | 30800      | 5355  | 150000                               | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.29          | 26700      | 4788  | 150000                               | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.34          | 22300      | 4079  | 150000                               | 1.45   | K                                                                                  | 167 R97 | DT | 90S4 | 119       | 490                                                                                 |
|            | 0.41          | 17900      | 3376  | 150000                               | 1.80   | KH                                                                                 | 167 R97 | DT | 90S4 | 0         | 490                                                                                 |
|            | 0.51          | 14600      | 2755  | 150000                               | 2.2    |                                                                                    |         |    |      | 115       |                                                                                     |
|            | 0.64          | 11300      | 2182  | 150000                               | 2.8    |                                                                                    |         |    |      | 0         |                                                                                     |
|            | 0.82          | 9390       | 1704  | 150000                               | 3.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.99          | 8600       | 1408  | 150000                               | 3.7    | K                                                                                  | 167 R97 | DT | 90S4 | 119       | 490                                                                                 |
|            | 1.1           | 22700      | 1296  | 109500                               | 0.80   | KH                                                                                 | 167 R97 | DT | 90S4 | 0         | 490                                                                                 |
|            | 0.40          | 20100      | 3516  | 111100                               | 0.90   |                                                                                    |         |    |      | 115       |                                                                                     |
|            | 0.46          | 16700      | 3051  | 112800                               | 1.10   | K                                                                                  | 157 R97 | DT | 90S4 | 800       | 490                                                                                 |
|            | 0.54          | 14800      | 2610  | 113600                               | 1.20   | KF                                                                                 | 157 R97 | DT | 90S4 | 870       | 490                                                                                 |
|            | 0.60          | 11100      | 2322  | 115000                               | 1.65   | KA                                                                                 | 157 R97 | DT | 90S4 | 760       | 490                                                                                 |
|            | 0.84          | 8980       | 1659  | 115600                               | 2.0    | KAF                                                                                | 157 R97 | DT | 90S4 | 820       | 490                                                                                 |
|            | 1.0           | 8010       | 1365  | 115800                               | 2.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.1           | 7130       | 1229  | 116000                               | 2.5    | K                                                                                  | 157 R97 | DT | 90S4 | 790       | 490                                                                                 |
|            | 1.3           | 6150       | 1093  | 116100                               | 2.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.5           | 5510       |       | 116200                               | 3.3    | KF                                                                                 | 157 R97 | DT | 90S4 | 870       | 490                                                                                 |
|            | 1.6           | 13200      | 942   | 79100                                | 1.00   | KA                                                                                 | 157 R97 | DT | 90S4 | 760       | 490                                                                                 |
|            | 0.73          | 12000      | 854   | 79700                                | 1.10   | KAF                                                                                | 157 R97 | DT | 90S4 | 810       | 490                                                                                 |
|            | 0.80          | 10500      | 1926  | 80500                                | 1.25   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.91          | 9170       | 1757  | 81000                                | 1.40   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.0           | 8020       | 1541  | 81400                                | 1.60   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.2           | 7010       | 1342  | 81800                                | 1.85   |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.4           | 6130       | 1177  | 82000                                | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 1.6           | 5280       | 1025  | 82200                                | 2.5    | K                                                                                  | 127 R77 | DT | 90S4 | 480       | 490                                                                                 |
|            | 1.8           | 4780       | 899   | 82300                                | 2.7    | KF                                                                                 | 127 R77 | DT | 90S4 | 520       | 490                                                                                 |
|            | 2.0           | 4110       | 790   | 82500                                | 3.2    | KA                                                                                 | 127 R77 | DT | 90S4 | 450       | 490                                                                                 |
|            | 2.3           | 3710       | 704   | 82500                                | 3.5    | KAF                                                                                | 127 R77 | DT | 90S4 | 490       | 490                                                                                 |
|            | 2.6           | 3190       | 610   | 82600                                | 4.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 2.9           |            | 549   |                                      |        |                                                                                    |         |    |      |           |                                                                                     |
|            |               |            | 477   |                                      |        |                                                                                    |         |    |      |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 1.1        |               | 7990       |         | 65000                                |        |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.2           | 6960       | 1166    | 65000                                | 1.00   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.4           | 6080       | 1030    | 65000                                | 1.15   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.6           | 5420       | 904     | 65000                                | 1.30   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.8           | 4740       | 793     | 65000                                | 1.50   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.0           | 4140       | 696     | 65000                                | 1.70   | K                                                                                  | 107 R77 | DT | 90S4  | 320       | 490                                                                                 |
|            | 2.3           | 3510       | 615     | 65000                                | 1.95   | KF                                                                                 | 107 R77 | DT | 90S4  | 330       | 490                                                                                 |
|            | 2.7           | 3090       | 522     | 65000                                | 2.3    | KA                                                                                 | 107 R77 | DT | 90S4  | 290       | 490                                                                                 |
|            | 3.0           | 2720       | 461     | 65000                                | 2.6    | KAF                                                                                | 107 R77 | DT | 90S4  | 315       | 490                                                                                 |
|            | 3.4           | 2470       | 408     | 65000                                | 2.9    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.9           | 2160       | 364     | 65000                                | 3.2    |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.4           | 5070       | 318     | 65000                                | 3.7    |                                                                                    |         |    |       |           |                                                                                     |
|            |               |            | 743     | 39800                                | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.9           | 4460       | 652     | 40000                                | 0.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.1           | 3990       | 573     | 40000                                | 1.10   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.4           | 3430       | 504     | 40000                                | 1.25   | K                                                                                  | 97 R57  | DT | 90S4  | 190       | 490                                                                                 |
|            | 2.8           | 2970       | 437     | 40000                                | 1.45   | KF                                                                                 | 97 R57  | DT | 90S4  | 210       | 490                                                                                 |
|            | 3.2           | 2620       | 382     | 40000                                | 1.65   | KA                                                                                 | 97 R57  | DT | 90S4  | 170       | 490                                                                                 |
|            | 3.7           | 2320       | 342     | 40000                                | 1.85   | KAF                                                                                | 97 R57  | DT | 90S4  | 195       | 490                                                                                 |
|            | 4.1           | 3250       | 474     | 26500                                | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.0           | 2920       | 426     | 27000                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.3           | 2570       | 373     | 27400                                | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.8           | 2250       | 330     | 27800                                | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.2           | 2010       | 294     | 28000                                | 1.35   | K                                                                                  | 87 R57  | DT | 90S4  | 130       | 490                                                                                 |
|            | 4.8           | 1730       | 250     | 28300                                | 1.55   | KF                                                                                 | 87 R57  | DT | 90S4  | 135       | 490                                                                                 |
|            | 5.6           | 1630       | 236     | 28400                                | 1.65   | KA                                                                                 | 87 R57  | DT | 90S4  | 115       | 490                                                                                 |
|            | 5.9           | 1390       | 201     | 28600                                | 1.95   | KAF                                                                                | 87 R57  | DT | 90S4  | 130       | 490                                                                                 |
|            | 7.0           | 2760       |         | 40000                                | 1.55   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.8           | 2400       |         | 40000                                | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.4           | 2200       | 176.05* | 40000                                | 1.95   | K                                                                                  | 97      | DV | 100L8 | 175       | 469                                                                                 |
|            | 4.8           | 1940       | 153.21* | 40000                                | 2.2    | KF                                                                                 | 97      | DV | 100L8 | 200       | 470                                                                                 |
|            | 5.4           | 2010       | 140.28  | 40000                                | 2.1    | KA                                                                                 | 97      | DV | 100L8 | 160       | 471                                                                                 |
|            | 5.2           | 1750       | 123.93* | 40000                                | 2.5    | KAF                                                                                | 97      | DV | 100L8 | 185       | 470                                                                                 |
|            | 6.0           | 1600       | 176.05* | 40000                                | 2.7    | K                                                                                  | 97      | DT | 90L6  | 165       | 469                                                                                 |
|            | 6.6           | 1420       | 153.21* | 40000                                | 3.0    | KF                                                                                 | 97      | DT | 90L6  | 185       | 470                                                                                 |
|            | 7.4           | 1320       | 140.28  | 40000                                | 3.3    | KA                                                                                 | 97      | DT | 90L6  | 145       | 471                                                                                 |
|            | 8.0           | 1150       | 123.93* | 40000                                | 3.7    | KAF                                                                                | 97      | DT | 90L6  | 170       | 470                                                                                 |
|            | 9.1           | 1050       | 176.05* | 40000                                | 4.1    | K                                                                                  | 97      | DT | 90S4  | 165       | 469                                                                                 |
|            | 10            |            | 153.21* | 40000                                |        | KF                                                                                 | 97      | DT | 90S4  | 185       | 470                                                                                 |
|            |               |            | 140.28  |                                      |        | KA                                                                                 | 97      | DT | 90S4  | 145       | 471                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 97      | DT | 90S4  | 170       | 470                                                                                 |
|            | 5.3           | 1990       | 174.19  | 28100                                | 1.35   | K                                                                                  | 87      | DT | 90L6  | 105       | 464                                                                                 |
|            | 5.6           | 1880       | 164.34* | 28200                                | 1.45   | KF                                                                                 | 87      | DT | 90L6  | 115       | 465                                                                                 |
|            | 6.2           | 1680       | 147.32* | 28300                                | 1.60   | KA                                                                                 | 87      | DT | 90L6  | 95        | 466                                                                                 |
|            | 7.2           | 1450       | 126.91* | 28500                                | 1.85   | KAF                                                                                | 87      | DT | 90L6  | 110       | 465                                                                                 |
|            | 8.0           | 1310       | 174.19  | 28600                                | 2.1    | K                                                                                  | 87      | DT | 90S4  | 105       | 464                                                                                 |
|            | 8.5           | 1230       | 164.34* | 28700                                | 2.2    | KF                                                                                 | 87      | DT | 90S4  | 115       | 465                                                                                 |
|            | 9.5           | 1110       | 147.32* | 28700                                | 2.4    | KA                                                                                 | 87      | DT | 90S4  | 94        | 466                                                                                 |
|            | 11            | 950        | 126.91* | 28800                                | 2.8    | KAF                                                                                | 87      | DT | 90S4  | 105       | 465                                                                                 |
|            | 12            | 870        | 115.82  | 28800                                | 3.1    | K                                                                                  | 77      | DT | 90L6  | 71        | 459                                                                                 |
|            | 6.8           | 1540       | 135.28  | 15400                                | 1.00   | KF                                                                                 | 77      | DT | 90L6  | 79        | 460                                                                                 |
|            | 7.2           | 1470       | 128.52  | 15900                                | 1.05   | KA                                                                                 | 77      | DT | 90L6  | 64        | 461                                                                                 |
|            | 8.1           | 1300       | 113.56  | 17000                                | 1.20   | KAF                                                                                | 77      | DT | 90L6  | 72        | 460                                                                                 |
|            | 9.5           | 1110       | 97.05   | 17900                                | 1.40   | K                                                                                  | 77      | DT | 90S4  | 70        | 459                                                                                 |
|            | 10            | 1020       | 135.28  | 18300                                | 1.55   | KF                                                                                 | 77      | DT | 90S4  | 78        | 460                                                                                 |
|            | 11            | 960        | 128.52  | 18400                                | 1.60   | KA                                                                                 | 77      | DT | 90S4  | 63        | 461                                                                                 |
|            | 12            | 850        | 113.56  | 18800                                | 1.80   | KAF                                                                                | 77      | DT | 90S4  | 71        | 460                                                                                 |
|            |               |            |         |                                      |        | K                                                                                  | 77      | DT | 90S4  | 70        | 459                                                                                 |
|            | 14            | 730        | 97.05   | 19200                                | 2.1    | KF                                                                                 | 77      | DT | 90S4  | 78        | 460                                                                                 |
|            | 16            | 670        | 88.97   | 19300                                | 2.3    | KA                                                                                 | 77      | DT | 90S4  | 63        | 461                                                                                 |
|            | 18            | 585        | 78.07   | 19500                                | 2.7    | KAF                                                                                | 77      | DT | 90S4  | 71        | 460                                                                                 |
|            | 19            | 555        | 73.99   | 19600                                | 2.8    |                                                                                    |         |    |       |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |      | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|------|-----------|-------------------------------------------------------------------------------------|
| 1.1        |               | 810        |        | 10400                                |        |                                                                                    |         |    |      |           |                                                                                     |
|            | 13            | 770        | 108.03 | 10700                                | 1.00   | K                                                                                  | 67      | DT | 90S4 | 44        | 454                                                                                 |
|            | 14            | 675        | 102.62 | 11400                                | 1.05   | KF                                                                                 | 67      | DT | 90S4 | 50        | 455                                                                                 |
|            | 16            | 575        | 90.04  | 12000                                | 1.20   | KA                                                                                 | 67      | DT | 90S4 | 42        | 456                                                                                 |
|            | 18            | 515        | 76.37  | 12300                                | 1.45   | KAF                                                                                | 67      | DT | 90S4 | 47        | 455                                                                                 |
|            | 20            | 455        | 68.95  | 12600                                | 1.60   |                                                                                    |         |    |      |           |                                                                                     |
|            | 23            | 430        | 60.66  | 12700                                | 1.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 24            | 365        | 57.28  | 12900                                | 1.90   | K                                                                                  | 67      | DT | 90S4 | 44        | 454                                                                                 |
|            | 29            | 335        | 48.77  | 13000                                | 2.2    | KF                                                                                 | 67      | DT | 90S4 | 50        | 455                                                                                 |
|            | 32            | 290        | 44.32  | 13000                                | 2.5    | KA                                                                                 | 67      | DT | 90S4 | 42        | 456                                                                                 |
|            | 36            | 675        | 38.39  | 2410                                 | 2.8    | KAF                                                                                | 67      | DT | 90S4 | 47        | 455                                                                                 |
|            | 16            | 575        | 90.26* | 7840                                 | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 18            | 520        | 76.56* | 8280                                 | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 20            | 455        | 69.12  | 8630                                 | 1.15   | K                                                                                  | 57      | DT | 90S4 | 39        | 449                                                                                 |
|            | 23            | 430        | 60.81* | 8750                                 | 1.30   | KF                                                                                 | 57      | DT | 90S4 | 43        | 450                                                                                 |
|            | 24            | 365        | 57.42* | 9020                                 | 1.40   | KA                                                                                 | 57      | DT | 90S4 | 36        | 451                                                                                 |
|            | 29            | 335        | 48.89  | 9160                                 | 1.65   | KAF                                                                                | 57      | DT | 90S4 | 42        | 450                                                                                 |
|            | 32            | 290        | 44.43  | 9330                                 | 1.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 36            | 270        | 38.49  | 9400                                 | 2.1    |                                                                                    |         |    |      |           |                                                                                     |
|            | 39            | 225        | 35.70  | 9540                                 | 2.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 46            | 205        | 30.28  | 9510                                 | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 51            | 181        | 27.34  | 9220                                 | 2.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 58            | 170        | 24.05  | 9090                                 | 3.3    |                                                                                    |         |    |      |           |                                                                                     |
|            | 62            | 145        | 22.71  | 8720                                 | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 72            | 132        | 19.34  | 8510                                 | 4.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 80            | 114        | 17.57  | 8180                                 | 4.2    |                                                                                    |         |    |      |           |                                                                                     |
|            | 92            | 99         | 15.22  | 7880                                 | 4.7    | K                                                                                  | 57      | DT | 90S4 | 39        | 449                                                                                 |
|            | 106           | 90         | 13.25  | 7570                                 | 5.1    | KF                                                                                 | 57      | DT | 90S4 | 43        | 450                                                                                 |
|            | 117           | 85         | 11.92  | 7450                                 | 4.6    | KA                                                                                 | 57      | DT | 90S4 | 36        | 451                                                                                 |
|            | 124           | 72         | 11.26  | 7120                                 | 4.9    | KAF                                                                                | 57      | DT | 90S4 | 42        | 450                                                                                 |
|            | 146           | 65         |        | 6930                                 | 5.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 161           | 57         | 9.59   | 6650                                 | 6.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 186           | 49         | 8.71   | 6380                                 | 6.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 213           | 35         | 7.55   | 5770                                 | 7.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 298           | 425        | 6.57   | 3310                                 | 8.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 25            | 365        | 4.69   | 6360                                 | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 29            | 345        | 56.83  | 6610                                 | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 30            |            | 48.95* |                                      | 1.15   | K                                                                                  | 47      | DT | 90S4 | 33        | 444                                                                                 |
|            |               |            | 46.03* |                                      |        | KF                                                                                 | 47      | DT | 90S4 | 36        | 445                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 47      | DT | 90S4 | 32        | 446                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 47      | DT | 90S4 | 35        | 445                                                                                 |
|            | 35            | 295        | 39.61  | 7090                                 | 1.35   |                                                                                    |         |    |      |           |                                                                                     |
|            | 40            | 265        | 35.39  | 7090                                 | 1.50   | K                                                                                  | 47      | DT | 90S4 | 33        | 444                                                                                 |
|            | 45            | 235        | 31.30  | 6960                                 | 1.70   | KF                                                                                 | 47      | DT | 90S4 | 36        | 445                                                                                 |
|            | 48            | 220        | 29.32  | 6890                                 | 1.80   | KA                                                                                 | 47      | DT | 90S4 | 32        | 446                                                                                 |
|            | 54            | 194        | 25.91  | 6730                                 | 2.1    | KAF                                                                                | 47      | DT | 90S4 | 35        | 445                                                                                 |
|            | 64            | 164        | 21.81  | 6510                                 | 2.4    |                                                                                    |         |    |      |           |                                                                                     |
|            | 72            | 147        | 19.58  | 6360                                 | 2.7    |                                                                                    |         |    |      |           |                                                                                     |
|            | 47            | 225        | 29.96  | 3420                                 | 0.90   |                                                                                    |         |    |      |           |                                                                                     |
|            | 56            | 188        | 24.99  | 3440                                 | 1.05   |                                                                                    |         |    |      |           |                                                                                     |
|            | 60            | 175        | 23.36  | 3440                                 | 1.10   |                                                                                    |         |    |      |           |                                                                                     |
|            | 69            | 152        | 20.19  | 3420                                 | 1.20   |                                                                                    |         |    |      |           |                                                                                     |
|            | 82            | 129        | 17.15  | 3370                                 | 1.40   |                                                                                    |         |    |      |           |                                                                                     |
|            | 91            | 115        | 15.31  | 3330                                 | 1.50   |                                                                                    |         |    |      |           |                                                                                     |
|            | 107           | 98         | 13.08  | 3260                                 | 1.70   | K                                                                                  | 37      | DT | 90S4 | 26        | 439                                                                                 |
|            | 115           | 91         | 12.14  | 3220                                 | 1.75   | KF                                                                                 | 37      | DT | 90S4 | 28        | 440                                                                                 |
|            | 133           | 79         | 10.49  | 3140                                 | 2.0    | KA                                                                                 | 37      | DT | 90S4 | 26        | 441                                                                                 |
|            | 157           | 67         | 8.91   | 3040                                 | 2.4    | KAF                                                                                | 37      | DT | 90S4 | 27        | 440                                                                                 |
|            | 176           | 60         | 7.96   | 2970                                 | 2.6    |                                                                                    |         |    |      |           |                                                                                     |
|            | 206           | 51         | 6.80   | 2870                                 | 2.9    |                                                                                    |         |    |      |           |                                                                                     |
|            | 220           | 48         | 6.37   | 2830                                 | 3.0    |                                                                                    |         |    |      |           |                                                                                     |
|            | 261           | 40         | 5.36   | 2720                                 | 3.5    |                                                                                    |         |    |      |           |                                                                                     |
|            | 352           | 30         | 3.98   | 2520                                 | 4.2    |                                                                                    |         |    |      |           |                                                                                     |
| 1.5        | 0.21          | 60800      | 6747   | 190000                               | 0.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.24          | 53600      | 5991   | 190000                               | 0.95   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.26          | 47600      | 5358   | 190000                               | 1.05   | K                                                                                  | 187 R97 | DT | 90L4 | 1770      | 490                                                                                 |
|            | 0.29          | 42500      | 4817   | 190000                               | 1.20   | KH                                                                                 | 187 R97 | DT | 90L4 | 1710      | 490                                                                                 |
|            | 0.32          | 38600      | 4370   | 190000                               | 1.30   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.39          | 33100      | 3609   | 190000                               | 1.50   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.46          | 28000      | 3062   | 190000                               | 1.80   |                                                                                    |         |    |      |           |                                                                                     |
|            | 0.56          | 22800      | 2519   | 190000                               | 2.2    | K                                                                                  | 187 R97 | DT | 90L4 | 1770      | 490                                                                                 |
|            | 0.62          | 20400      | 2268   | 190000                               | 2.5    | KH                                                                                 | 187 R97 | DT | 90L4 | 1700      | 490                                                                                 |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 1.5        |               | 36700      |         | 150000                               |        |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.35          | 30500      | 4079    | 150000                               | 0.85   | K                                                                                  | 167 R97 | DT | 90L4  | 1190      | 490                                                                                 |
|            | 0.42          | 24700      | 3376    | 150000                               | 1.05   | KH                                                                                 | 167 R97 | DT | 90L4  | 1150      | 490                                                                                 |
|            | 0.51          | 20000      | 2755    | 150000                               | 1.30   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.65          | 15500      | 2182    | 150000                               | 1.60   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.83          | 12900      | 1704    | 150000                               | 2.1    | K                                                                                  | 167 R97 | DT | 90L4  | 119       | 490                                                                                 |
|            | 1.0           | 11800      | 1408    | 150000                               | 2.5    | KH                                                                                 | 167 R97 | DT | 90L4  | 0         | 490                                                                                 |
|            | 1.1           | 20500      | 1296    | 150000                               | 2.7    |                                                                                    |         |    |       | 115       |                                                                                     |
|            | 0.61          |            | 2322    | 110800                               | 0.90   | K                                                                                  | 157 R97 | DT | 90L4  | 0         | 490                                                                                 |
|            |               |            |         |                                      |        | KF                                                                                 | 157 R97 | DT | 90L4  | 880       | 490                                                                                 |
|            |               |            |         |                                      |        | KA                                                                                 | 157 R97 | DT | 90L4  | 760       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 157 R97 | DT | 90L4  | 820       | 490                                                                                 |
|            | 0.85          | 15200      | 1659    | 113500                               | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.0           | 12400      | 1365    | 114600                               | 1.45   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.2           | 11100      | 1229    | 115000                               | 1.65   | K                                                                                  | 157 R97 | DT | 90L4  | 790       | 490                                                                                 |
|            | 1.3           | 9840       | 1093    | 115300                               | 1.85   | KF                                                                                 | 157 R97 | DT | 90L4  | 870       | 490                                                                                 |
|            | 1.5           | 8480       | 942     | 115700                               | 2.1    | KA                                                                                 | 157 R97 | DT | 90L4  | 760       | 490                                                                                 |
|            | 1.7           | 7630       | 854     | 115900                               | 2.4    | KAF                                                                                | 157 R97 | DT | 90L4  | 820       | 490                                                                                 |
|            | 2.5           | 5010       | 567     | 116300                               | 3.6    |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.8           | 4460       | 504     | 116400                               | 4.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.6           | 4830       | 536     | 82300                                | 2.7    | K                                                                                  | 127 R87 | DT | 90L4  | 500       | 490                                                                                 |
|            | 3.4           | 3800       | 418     | 82500                                | 3.4    | KF                                                                                 | 127 R87 | DT | 90L4  | 540       | 490                                                                                 |
|            | 3.8           | 3350       | 367     | 82600                                | 3.9    | KA                                                                                 | 127 R87 | DT | 90L4  | 470       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 127 R87 | DT | 90L4  | 510       | 490                                                                                 |
|            | 0.80          | 16400      | 1757    | 73100                                | 0.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.91          | 14300      | 1541    | 77300                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.1           | 12500      | 1342    | 79500                                | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.2           | 10900      | 1177    | 80300                                | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.4           | 9550       | 1025    | 80900                                | 1.35   | K                                                                                  | 127 R77 | DT | 90L4  | 480       | 490                                                                                 |
|            | 1.6           | 8360       | 899     | 81300                                | 1.55   | KF                                                                                 | 127 R77 | DT | 90L4  | 520       | 490                                                                                 |
|            | 1.8           | 7240       | 790     | 81700                                | 1.80   | KA                                                                                 | 127 R77 | DT | 90L4  | 450       | 490                                                                                 |
|            | 2.0           | 6520       | 704     | 81900                                | 2.0    | KAF                                                                                | 127 R77 | DT | 90L4  | 490       | 490                                                                                 |
|            | 2.3           | 5620       | 610     | 82200                                | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.6           | 5080       | 549     | 82300                                | 2.6    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.0           | 4370       | 477     | 82400                                | 3.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.4           | 3870       | 418     | 82500                                | 3.4    |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.4           | 9520       | 1030    | 65000                                | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.6           | 8320       | 904     | 65000                                | 0.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.8           | 7390       | 793     | 65000                                | 1.10   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.0           | 6470       | 696     | 65000                                | 1.25   | K                                                                                  | 107 R77 | DT | 90L4  | 320       | 490                                                                                 |
|            | 2.3           | 5670       | 615     | 65000                                | 1.40   | KF                                                                                 | 107 R77 | DT | 90L4  | 330       | 490                                                                                 |
|            | 2.7           | 4810       | 522     | 65000                                | 1.65   | KA                                                                                 | 107 R77 | DT | 90L4  | 290       | 490                                                                                 |
|            | 3.1           | 4230       | 461     | 65000                                | 1.90   | KAF                                                                                | 107 R77 | DT | 90L4  | 315       | 490                                                                                 |
|            | 3.5           | 3740       | 408     | 65000                                | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.9           | 3370       | 364     | 65000                                | 2.4    |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.4           | 2940       | 318     | 65000                                | 2.7    |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.5           | 5420       | 573     | 39400                                | 0.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.8           | 4680       | 504     | 40000                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.2           | 4050       | 437     | 40000                                | 1.05   | K                                                                                  | 97 R57  | DT | 90L4  | 190       | 490                                                                                 |
|            | 3.7           | 3570       | 382     | 40000                                | 1.20   | KF                                                                                 | 97 R57  | DT | 90L4  | 210       | 490                                                                                 |
|            | 4.1           | 3160       | 342     | 40000                                | 1.35   | KA                                                                                 | 97 R57  | DT | 90L4  | 170       | 490                                                                                 |
|            | 4.6           | 2880       | 305     | 40000                                | 1.50   | KAF                                                                                | 97 R57  | DT | 90L4  | 195       | 490                                                                                 |
|            | 5.5           | 2430       | 258     | 40000                                | 1.75   |                                                                                    |         |    |       |           |                                                                                     |
|            | 6.1           | 2190       | 232     | 40000                                | 1.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 7.1           | 1870       | 199     | 40000                                | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.3           | 3070       | 330     | 26800                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.8           | 2750       | 294     | 27200                                | 1.00   | K                                                                                  | 87 R57  | DT | 90L4  | 130       | 490                                                                                 |
|            | 5.6           | 2360       | 250     | 27700                                | 1.15   | KF                                                                                 | 87 R57  | DT | 90L4  | 140       | 490                                                                                 |
|            | 6.0           | 2230       | 236     | 27800                                | 1.20   | KA                                                                                 | 87 R57  | DT | 90L4  | 120       | 490                                                                                 |
|            | 7.0           | 1890       | 201     | 28200                                | 1.45   | KAF                                                                                | 87 R57  | DT | 90L4  | 130       | 490                                                                                 |
|            | 7.7           | 1720       | 183     | 28300                                | 1.55   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.9           | 2940       |         | 65000                                | 2.7    |                                                                                    |         |    |       |           |                                                                                     |
|            | 5.8           | 2490       | 143.47* | 65000                                | 3.2    | K                                                                                  | 107     | DV | 112M8 | 300       | 474                                                                                 |
|            | 6.2           | 2300       | 121.46  | 65000                                | 3.5    | KF                                                                                 | 107     | DV | 112M8 | 310       | 475                                                                                 |
|            |               |            | 112.41* |                                      |        | KA                                                                                 | 107     | DV | 112M8 | 270       | 476                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 107     | DV | 112M8 | 295       | 475                                                                                 |



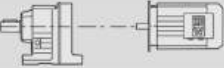
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |     |    |    |       | m<br>[kg] |     |
|------------|---------------|------------|---------|--------------------------------------|--------|-----|----|----|-------|-----------|-----|
| 1.5        |               | 3140       |         | 40000                                |        |     |    |    |       | 185       |     |
|            | 4.6           | 2870       | 153.21* | 40000                                | 1.35   | K   | 97 | DV | 112M8 | 205       | 469 |
|            | 5.0           | 2540       | 140.28  | 40000                                | 1.50   | KF  | 97 | DV | 112M8 | 165       | 470 |
|            | 5.7           |            | 123.93* | 40000                                | 1.70   | KA  | 97 | DV | 112M8 | 190       | 471 |
|            |               |            |         |                                      |        | KAF | 97 | DV | 112M8 | 175       | 470 |
|            | 5.2           | 2740       | 176.05* | 40000                                | 1.55   | K   | 97 | DV | 100M6 | 195       | 469 |
|            | 6.0           | 2390       | 153.21* | 40000                                | 1.80   | KF  | 97 | DV | 100M6 | 155       | 470 |
|            | 6.6           | 2180       | 140.28  | 40000                                | 1.95   | KA  | 97 | DV | 100M6 | 180       | 471 |
|            | 7.4           | 1930       | 123.93* | 40000                                | 2.2    | KAF | 97 | DV | 100M6 | 165       | 470 |
|            | 8.0           | 1790       | 176.05* | 40000                                | 2.4    | K   | 97 | DT | 90L4  | 185       | 469 |
|            | 9.2           | 1560       | 153.21* | 40000                                | 2.8    | KF  | 97 | DT | 90L4  | 145       | 470 |
|            | 10            | 1430       | 140.28  | 40000                                | 3.0    | KA  | 97 | DT | 90L4  | 170       | 471 |
|            | 11            | 1260       | 123.93* | 40000                                | 3.4    | KAF | 97 | DT | 90L4  | 115       | 470 |
|            | 6.2           | 2290       | 147.32* | 27800                                | 1.20   | K   | 87 | DV | 100M6 | 125       | 464 |
|            | 7.2           | 1980       | 126.91* | 28100                                | 1.35   | KF  | 87 | DV | 100M6 | 105       | 465 |
|            | 7.9           | 1800       | 115.82  | 28200                                | 1.50   | KA  | 87 | DV | 100M6 | 115       | 466 |
|            | 9.0           | 1600       | 102.71* | 28400                                | 1.70   | KAF | 87 | DV | 100M6 | 115       | 465 |
|            | 8.1           | 1770       | 174.19  | 28300                                | 1.55   |     |    |    |       |           |     |
|            | 8.6           | 1670       | 164.34* | 28300                                | 1.60   | K   | 87 | DT | 90L4  | 105       | 464 |
|            | 9.6           | 1500       | 147.32* | 28500                                | 1.80   | KF  | 87 | DT | 90L4  | 115       | 465 |
|            | 11            | 1290       | 126.91* | 28600                                | 2.1    | KA  | 87 | DT | 90L4  | 95        | 466 |
|            | 12            | 1180       | 115.82  | 28700                                | 2.3    | KAF | 87 | DT | 90L4  | 110       | 466 |
|            | 14            | 1040       | 102.71* | 28800                                | 2.6    |     |    |    |       |           |     |
|            | 16            | 880        | 86.34   | 28800                                | 3.1    |     |    |    |       |           |     |
|            | 8.1           | 1770       | 113.56  | 13600                                | 0.90   | K   | 77 | DV | 100M6 | 78        | 459 |
|            | 9.5           | 1510       | 97.05   | 15700                                | 1.05   | KF  | 77 | DV | 100M6 | 86        | 460 |
|            | 10            | 1390       | 88.97   | 16400                                | 1.10   | KA  | 77 | DV | 100M6 | 71        | 461 |
|            | 12            | 1220       | 78.07   | 17400                                | 1.30   | KAF | 77 | DV | 100M6 | 79        | 460 |
|            | 10            | 1370       | 135.28  | 16500                                | 1.15   | K   | 77 | DT | 90L4  | 71        | 459 |
|            | 11            | 1310       | 128.52  | 16900                                | 1.20   | KF  | 77 | DT | 90L4  | 79        | 460 |
|            | 12            | 1150       | 113.56  | 17700                                | 1.35   | KA  | 77 | DT | 90L4  | 64        | 461 |
|            | 15            | 990        | 97.05   | 18400                                | 1.55   | KAF | 77 | DT | 90L4  | 72        | 460 |
|            | 16            | 900        | 88.97   | 18700                                | 1.70   |     |    |    |       |           |     |
|            | 18            | 795        | 78.07   | 19000                                | 1.95   |     |    |    |       |           |     |
|            | 19            | 750        | 73.99   | 19100                                | 2.1    | K   | 77 | DT | 90L4  | 71        | 459 |
|            | 22            | 660        | 64.75   | 19400                                | 2.4    | KF  | 77 | DT | 90L4  | 79        | 460 |
|            | 24            | 595        | 58.34   | 19500                                | 2.6    | KA  | 77 | DT | 90L4  | 64        | 461 |
|            | 28            | 520        | 51.18   | 19700                                | 3.0    | KAF | 77 | DT | 90L4  | 72        | 460 |
|            | 31            | 460        | 45.16   | 19800                                | 3.4    |     |    |    |       |           |     |
|            | 35            | 405        | 40.04   | 19800                                | 3.8    |     |    |    |       |           |     |
|            | 16            | 910        | 90.04   | 9370                                 | 0.90   |     |    |    |       |           |     |
|            | 18            | 775        | 76.37   | 10700                                | 1.05   | K   | 67 | DT | 90L4  | 46        | 454 |
|            | 20            | 700        | 68.95   | 11300                                | 1.15   | KF  | 67 | DT | 90L4  | 52        | 455 |
|            | 23            | 615        | 60.66   | 11800                                | 1.35   | KA  | 67 | DT | 90L4  | 44        | 456 |
|            | 25            | 580        | 57.28   | 12000                                | 1.40   | KAF | 67 | DT | 90L4  | 49        | 455 |
|            | 29            | 495        | 48.77   | 12400                                | 1.65   |     |    |    |       |           |     |
|            | 32            | 450        | 44.32   | 12600                                | 1.80   |     |    |    |       |           |     |
|            | 37            | 390        | 38.39   | 12800                                | 2.1    | K   | 67 | DT | 90L4  | 46        | 454 |
|            | 40            | 360        | 35.62   | 12900                                | 2.3    | KF  | 67 | DT | 90L4  | 52        | 455 |
|            | 47            | 305        | 30.22   | 13000                                | 2.7    | KA  | 67 | DT | 90L4  | 44        | 456 |
|            | 52            | 275        | 27.28   | 13000                                | 3.0    | KAF | 67 | DT | 90L4  | 49        | 455 |
|            | 59            | 245        | 24.00   | 13000                                | 3.3    |     |    |    |       |           |     |
|            | 23            | 620        |         | 7480                                 | 0.95   |     |    |    |       |           |     |
|            | 25            | 585        | 60.81*  | 7770                                 | 1.05   | K   | 57 | DT | 90L4  | 41        | 449 |
|            | 29            | 495        | 57.42*  | 8430                                 | 1.20   | KF  | 57 | DT | 90L4  | 45        | 450 |
|            | 32            | 450        | 48.89   | 8650                                 | 1.35   | KA  | 57 | DT | 90L4  | 38        | 451 |
|            | 37            | 390        | 44.43   | 8920                                 | 1.55   | KAF | 57 | DT | 90L4  | 44        | 450 |
|            | 39            | 365        | 38.49   | 9040                                 | 1.65   |     |    |    |       |           |     |
|            | 47            | 310        | 35.70   | 9190                                 | 1.95   | K   | 57 | DT | 90L4  | 41        | 449 |
|            | 52            | 280        | 30.28   | 9010                                 | 2.2    | KF  | 57 | DT | 90L4  | 45        | 450 |
|            | 59            | 245        | 27.34   | 8780                                 | 2.5    | KA  | 57 | DT | 90L4  | 38        | 451 |
|            | 62            | 230        | 24.05   | 8670                                 | 2.6    | KAF | 57 | DT | 90L4  | 44        | 450 |
|            | 73            | 196        | 22.71   | 8360                                 | 2.9    |     |    |    |       |           |     |
|            |               |            | 19.34   |                                      |        |     |    |    |       |           |     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |       | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 1.5        |               | 400        |       | 5890                                 |        |                                                                                    |         |    |       | 35        |                                                                                     |
|            | 36            | 360        | 39.61 | 6360                                 | 1.00   | K                                                                                  | 47      | DT | 90L4  | 35        | 444                                                                                 |
|            | 40            | 320        | 35.39 | 6310                                 | 1.10   | KF                                                                                 | 47      | DT | 90L4  | 38        | 445                                                                                 |
|            | 45            |            | 31.30 |                                      | 1.25   | KA                                                                                 | 47      | DT | 90L4  | 34        | 446                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 47      | DT | 90L4  | 37        | 445                                                                                 |
|            | 48            | 300        | 29.32 | 6270                                 | 1.35   |                                                                                    |         |    |       |           |                                                                                     |
|            | 54            | 265        | 25.91 | 6190                                 | 1.50   |                                                                                    |         |    |       |           |                                                                                     |
|            | 65            | 220        | 21.81 | 6050                                 | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 72            | 199        | 19.58 | 5950                                 | 2.0    | K                                                                                  | 47      | DT | 90L4  | 35        | 444                                                                                 |
|            | 84            | 171        | 16.86 | 5800                                 | 2.2    | KF                                                                                 | 47      | DT | 90L4  | 38        | 445                                                                                 |
|            | 89            | 161        | 15.86 | 5730                                 | 2.4    | KA                                                                                 | 47      | DT | 90L4  | 34        | 446                                                                                 |
|            | 103           | 139        | 13.65 | 5560                                 | 2.6    | KAF                                                                                | 47      | DT | 90L4  | 37        | 445                                                                                 |
|            | 116           | 124        | 12.19 | 5430                                 | 2.8    |                                                                                    |         |    |       |           |                                                                                     |
|            | 120           | 120        | 11.77 | 5340                                 | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 60            | 235        | 23.36 | 2860                                 | 0.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 70            | 205        | 20.19 | 2920                                 | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 82            | 174        | 17.15 | 2940                                 | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 92            | 156        | 15.31 | 2950                                 | 1.10   |                                                                                    |         |    |       |           |                                                                                     |
|            | 108           | 133        | 13.08 | 2930                                 | 1.25   |                                                                                    |         |    |       |           |                                                                                     |
|            | 116           | 123        | 12.14 | 2920                                 | 1.30   | K                                                                                  | 37      | DT | 90L4  | 27        | 439                                                                                 |
|            | 134           | 107        | 10.49 | 2880                                 | 1.50   | KF                                                                                 | 37      | DT | 90L4  | 30        | 440                                                                                 |
|            | 158           | 91         | 8.91  | 2820                                 | 1.75   | KA                                                                                 | 37      | DT | 90L4  | 27        | 441                                                                                 |
|            | 177           | 81         | 7.96  | 2770                                 | 1.90   | KAF                                                                                | 37      | DT | 90L4  | 29        | 440                                                                                 |
|            | 207           | 69         | 6.80  | 2700                                 | 2.2    |                                                                                    |         |    |       |           |                                                                                     |
|            | 221           | 65         | 6.37  | 2670                                 | 2.2    |                                                                                    |         |    |       |           |                                                                                     |
|            | 263           | 55         | 5.36  | 2580                                 | 2.6    |                                                                                    |         |    |       |           |                                                                                     |
|            | 354           | 40         | 3.98  | 2420                                 | 3.1    |                                                                                    |         |    |       |           |                                                                                     |
| 2.2        | 0.32          | 57700      | 4370  | 190000                               | 0.85   | K                                                                                  | 187 R97 | DV | 100M4 | 1780      | 490                                                                                 |
|            | 0.50          | 36400      | 2818  | 190000                               | 1.40   | KH                                                                                 | 187 R97 | DV | 100M4 | 1710      | 490                                                                                 |
|            | 0.39          | 49000      | 3609  | 190000                               | 1.00   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.46          | 41600      | 3062  | 190000                               | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.56          | 34000      | 2519  | 190000                               | 1.45   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.62          | 30400      | 2268  | 190000                               | 1.65   | K                                                                                  | 187 R97 | DV | 100M4 | 1780      | 490                                                                                 |
|            | 0.69          | 27400      | 2054  | 190000                               | 1.80   | KH                                                                                 | 187 R97 | DV | 100M4 | 1710      | 490                                                                                 |
|            | 0.77          | 24200      | 1821  | 190000                               | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.88          | 21400      | 1605  | 190000                               | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.51          | 36700      | 2755  | 150000                               | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.62          | 29500      | 2263  | 150000                               | 1.10   | K                                                                                  | 167 R97 | DV | 100M4 | 1200      | 490                                                                                 |
|            | 0.65          | 29600      | 2182  | 150000                               | 1.10   | KH                                                                                 | 167 R97 | DV | 100M4 | 1160      | 490                                                                                 |
|            | 0.83          | 23100      | 1704  | 150000                               | 1.40   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.0           | 19100      | 1408  | 150000                               | 1.65   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.1           | 17500      | 1296  | 150000                               | 1.80   | K                                                                                  | 167 R97 | DV | 100M4 | 1200      | 490                                                                                 |
|            | 1.3           | 14600      | 1101  | 150000                               | 2.2    | KH                                                                                 | 167 R97 | DV | 100M4 | 1160      | 490                                                                                 |
|            | 1.5           | 12600      |       | 150000                               | 2.5    |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.85          | 22500      | 944   | 109600                               | 0.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.0           | 18400      | 1659  | 112000                               | 1.00   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.2           | 16500      | 1365  | 112900                               | 1.10   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.3           | 14700      | 1229  | 113700                               | 1.25   | K                                                                                  | 157 R97 | DV | 100M4 | 800       | 490                                                                                 |
|            | 1.5           | 12700      | 1093  | 114500                               | 1.40   | KF                                                                                 | 157 R97 | DV | 100M4 | 880       | 490                                                                                 |
|            | 1.7           | 11400      | 942   | 114900                               | 1.60   | KA                                                                                 | 157 R97 | DV | 100M4 | 760       | 490                                                                                 |
|            | 1.9           | 9880       | 854   | 115300                               | 1.80   | KAF                                                                                | 157 R97 | DV | 100M4 | 820       | 490                                                                                 |
|            | 2.6           | 7200       | 756   | 81700                                | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.0           | 6300       | 536   | 82000                                | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.4           | 5670       | 473   | 82100                                | 2.3    | K                                                                                  | 127 R87 | DV | 100M4 | 510       | 490                                                                                 |
|            | 3.8           | 4970       | 418   | 82300                                | 2.6    | KF                                                                                 | 127 R87 | DV | 100M4 | 550       | 490                                                                                 |
|            | 4.3           | 4460       | 367   | 82400                                | 2.9    | KA                                                                                 | 127 R87 | DV | 100M4 | 480       | 490                                                                                 |
|            | 1.4           | 14100      | 330   | 77800                                | 0.90   | KAF                                                                                | 127 R87 | DV | 100M4 | 520       | 490                                                                                 |
|            | 1.6           | 12300      |       | 79500                                | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.8           | 10700      | 1025  | 80400                                | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.0           | 9640       | 899   | 80800                                | 1.35   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.3           | 8330       | 790   | 81300                                | 1.55   | K                                                                                  | 127 R77 | DV | 100M4 | 485       | 490                                                                                 |
|            | 2.6           | 7510       | 704   | 81600                                | 1.75   | KF                                                                                 | 127 R77 | DV | 100M4 | 530       | 490                                                                                 |
|            | 3.0           | 6490       | 610   | 81900                                | 2.0    | KA                                                                                 | 127 R77 | DV | 100M4 | 460       | 490                                                                                 |
|            | 3.4           | 5720       | 549   | 82100                                | 2.3    | KAF                                                                                | 127 R77 | DV | 100M4 | 495       | 490                                                                                 |
|            |               |            | 477   |                                      |        |                                                                                    |         |    |       |           |                                                                                     |
|            |               |            | 418   |                                      |        |                                                                                    |         |    |       |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 2.2        |               | 8390       |         | 65000                                |        |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.3           | 7120       | 615     | 65000                                | 0.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 2.7           | 6270       | 522     | 65000                                | 1.10   |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.1           | 5540       | 461     | 65000                                | 1.30   | K                                                                                  | 107 R77 | DV | 100M4 | 325       | 490                                                                                 |
|            | 3.5           | 4980       | 408     | 65000                                | 1.45   | KF                                                                                 | 107 R77 | DV | 100M4 | 340       | 490                                                                                 |
|            | 3.9           | 4350       | 364     | 65000                                | 1.60   | KA                                                                                 | 107 R77 | DV | 100M4 | 300       | 490                                                                                 |
|            | 4.4           | 3910       | 318     | 65000                                | 1.85   | KAF                                                                                | 107 R77 | DV | 100M4 | 325       | 490                                                                                 |
|            | 4.9           | 3430       | 286     | 65000                                | 2.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 5.6           | 3260       | 251     | 65000                                | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 3.7           | 4680       | 382     | 39600                                | 0.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.1           | 4240       | 342     | 40000                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 4.6           | 3580       | 305     | 40000                                | 1.00   | K                                                                                  | 97 R57  | DV | 100M4 | 195       | 490                                                                                 |
|            | 5.5           | 3220       | 258     | 40000                                | 1.20   | KF                                                                                 | 97 R57  | DV | 100M4 | 220       | 490                                                                                 |
|            | 6.1           | 2760       | 232     | 40000                                | 1.35   | KA                                                                                 | 97 R57  | DV | 100M4 | 180       | 490                                                                                 |
|            | 7.1           | 2430       | 199     | 40000                                | 1.55   | KAF                                                                                | 97 R57  | DV | 100M4 | 205       | 490                                                                                 |
|            | 4.9           | 3650       | 143.47* | 65000                                | 2.2    | K                                                                                  | 107     | DV | 132S8 | 305       | 474                                                                                 |
|            | 5.8           | 3370       | 121.46  | 65000                                | 2.4    | KF                                                                                 | 107     | DV | 132S8 | 315       | 475                                                                                 |
|            | 6.2           | 3020       | 112.41* | 65000                                | 2.7    | KA                                                                                 | 107     | DV | 132S8 | 275       | 476                                                                                 |
|            | 7.0           | 3420       | 100.75  | 40000                                | 1.25   | KAF                                                                                | 107     | DV | 132S8 | 300       | 475                                                                                 |
|            | 6.1           | 3140       | 153.21* | 40000                                | 1.35   | K                                                                                  | 97      | DV | 112M6 | 185       | 469                                                                                 |
|            | 6.7           | 2770       | 140.28  | 40000                                | 1.55   | KF                                                                                 | 97      | DV | 112M6 | 205       | 470                                                                                 |
|            | 7.6           | 2350       | 123.93* | 40000                                | 1.85   | KA                                                                                 | 97      | DV | 112M6 | 165       | 471                                                                                 |
|            | 8.9           | 2620       | 105.13  | 40000                                | 1.65   | KAF                                                                                | 97      | DV | 112M6 | 190       | 470                                                                                 |
|            | 8.0           | 2280       | 176.05* | 40000                                | 1.90   | K                                                                                  | 97      | DV | 100M4 | 175       | 469                                                                                 |
|            | 9.2           | 2090       | 153.21* | 40000                                | 2.1    | KF                                                                                 | 97      | DV | 100M4 | 195       | 470                                                                                 |
|            | 10            | 1850       | 140.28  | 40000                                | 2.3    | KA                                                                                 | 97      | DV | 100M4 | 155       | 471                                                                                 |
|            | 11            | 1570       | 123.93* | 40000                                | 2.8    | KAF                                                                                | 97      | DV | 100M4 | 180       | 470                                                                                 |
|            | 13            | 1440       | 105.13  | 40000                                | 3.0    | K                                                                                  | 97      | DV | 100M4 | 175       | 469                                                                                 |
|            | 15            |            | 96.80   | 40000                                |        | KF                                                                                 | 97      | DV | 100M4 | 195       | 470                                                                                 |
|            |               |            |         |                                      |        | KA                                                                                 | 97      | DV | 100M4 | 155       | 471                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 97      | DV | 100M4 | 180       | 470                                                                                 |
|            | 9.6           | 2200       | 147.32* | 27900                                | 1.25   | K                                                                                  | 87      | DV | 100M4 | 115       | 464                                                                                 |
|            | 11            | 1890       | 126.91* | 28200                                | 1.45   | KF                                                                                 | 87      | DV | 100M4 | 125       | 465                                                                                 |
|            | 12            | 1730       | 115.82  | 28300                                | 1.55   | KA                                                                                 | 87      | DV | 100M4 | 105       | 466                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 87      | DV | 100M4 | 115       | 465                                                                                 |
|            | 14            | 1530       | 102.71* | 28500                                | 1.75   | K                                                                                  | 87      | DV | 100M4 | 115       | 464                                                                                 |
|            | 16            | 1290       | 86.34   | 28600                                | 2.1    | KF                                                                                 | 87      | DV | 100M4 | 125       | 465                                                                                 |
|            | 18            | 1180       | 79.34   | 28700                                | 2.3    | KA                                                                                 | 87      | DV | 100M4 | 105       | 466                                                                                 |
|            | 20            | 1050       | 70.46   | 28800                                | 2.6    | KAF                                                                                | 87      | DV | 100M4 | 115       | 465                                                                                 |
|            | 22            | 940        | 63.00*  | 28800                                | 2.9    |                                                                                    |         |    |       |           |                                                                                     |
|            | 12            | 1690       | 113.56  | 14300                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 15            | 1450       | 97.05   | 16100                                | 1.05   | K                                                                                  | 77      | DV | 100M4 | 78        | 459                                                                                 |
|            | 16            | 1330       | 88.97   | 16800                                | 1.15   | KF                                                                                 | 77      | DV | 100M4 | 86        | 460                                                                                 |
|            | 18            | 1160       | 78.07   | 17600                                | 1.35   | KA                                                                                 | 77      | DV | 100M4 | 71        | 461                                                                                 |
|            | 19            | 1100       | 73.99   | 17900                                | 1.40   | KAF                                                                                | 77      | DV | 100M4 | 79        | 460                                                                                 |
|            | 22            | 960        | 64.75   | 18400                                | 1.60   |                                                                                    |         |    |       |           |                                                                                     |
|            | 24            | 870        | 58.34   | 18800                                | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 28            | 765        | 51.18   | 19100                                | 2.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 31            | 675        | 45.16   | 19300                                | 2.3    | K                                                                                  | 77      | DV | 100M4 | 78        | 459                                                                                 |
|            | 35            | 595        | 40.04   | 19500                                | 2.6    | KF                                                                                 | 77      | DV | 100M4 | 86        | 460                                                                                 |
|            | 40            | 525        | 35.20   | 19700                                | 3.0    | KA                                                                                 | 77      | DV | 100M4 | 71        | 461                                                                                 |
|            | 46            | 460        | 30.89   | 19800                                | 3.4    | KAF                                                                                | 77      | DV | 100M4 | 79        | 460                                                                                 |
|            | 48            | 435        | 29.27   | 19800                                | 3.6    |                                                                                    |         |    |       |           |                                                                                     |
|            | 55            | 380        | 25.62   | 19900                                | 4.1    |                                                                                    |         |    |       |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |       | m<br>[kg] |  |
|------------|---------------|------------|-------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
|            |               | 900        |       | 9490                                 |        |                                                                                    |         |    |       |           |                                                                                     |
| 2.2        | 23            | 850        | 60.66 | 10000                                | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 25            | 725        | 57.28 | 11100                                | 0.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 29            | 660        | 48.77 | 11500                                | 1.15   | K                                                                                  | 67      | DV | 100M4 | 53        | 454                                                                                 |
|            | 32            | 570        | 44.32 | 12100                                | 1.25   | KF                                                                                 | 67      | DV | 100M4 | 59        | 455                                                                                 |
|            | 37            | 530        | 38.39 | 12300                                | 1.40   | KA                                                                                 | 67      | DV | 100M4 | 51        | 456                                                                                 |
|            | 40            | 450        | 35.62 | 12600                                | 1.55   | KAF                                                                                | 67      | DV | 100M4 | 56        | 455                                                                                 |
|            | 47            | 405        | 30.22 | 12800                                | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 52            | 360        | 27.28 | 13000                                | 2.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 59            | 340        | 24.00 | 13000                                | 2.2    |                                                                                    |         |    |       |           |                                                                                     |
|            | 62            | 285        | 22.66 | 13000                                | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 73            | 260        | 19.30 | 13000                                | 2.6    |                                                                                    |         |    |       |           |                                                                                     |
|            | 80            | 225        | 17.54 | 13000                                | 2.8    |                                                                                    |         |    |       |           |                                                                                     |
|            | 93            | 197        | 15.19 | 13000                                | 3.1    | K                                                                                  | 67      | DV | 100M4 | 53        | 454                                                                                 |
|            | 107           | 186        | 13.22 | 13000                                | 3.4    | KF                                                                                 | 67      | DV | 100M4 | 59        | 455                                                                                 |
|            | 113           | 158        | 12.48 | 13000                                | 2.9    | KA                                                                                 | 67      | DV | 100M4 | 51        | 456                                                                                 |
|            | 133           | 144        | 10.63 | 13000                                | 3.2    | KAF                                                                                | 67      | DV | 100M4 | 56        | 455                                                                                 |
|            | 146           | 125        |       | 13000                                | 3.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 169           | 109        | 9.66  | 13000                                | 3.5    |                                                                                    |         |    |       |           |                                                                                     |
|            | 194           | 78         | 8.37  | 12700                                | 3.9    |                                                                                    |         |    |       |           |                                                                                     |
|            | 271           | 660        | 7.28  | 11700                                | 4.5    |                                                                                    |         |    |       |           |                                                                                     |
|            | 32            | 575        | 5.20  | 5100                                 | 0.90   |                                                                                    |         |    |       |           |                                                                                     |
|            | 37            | 530        | 44.43 | 7850                                 | 1.05   | K                                                                                  | 57      | DV | 100M4 | 48        | 449                                                                                 |
|            | 39            | 450        | 38.49 | 8180                                 | 1.15   | KF                                                                                 | 57      | DV | 100M4 | 52        | 450                                                                                 |
|            | 47            | 405        | 35.70 | 8250                                 | 1.35   | KA                                                                                 | 57      | DV | 100M4 | 45        | 451                                                                                 |
|            | 52            | 360        | 30.28 | 8160                                 | 1.45   | KAF                                                                                | 57      | DV | 100M4 | 51        | 450                                                                                 |
|            | 59            | 340        | 27.34 | 8030                                 | 1.65   |                                                                                    |         |    |       |           |                                                                                     |
|            | 62            | 290        | 24.05 | 7970                                 | 1.75   |                                                                                    |         |    |       |           |                                                                                     |
|            | 73            | 260        | 22.71 | 7760                                 | 2.0    |                                                                                    |         |    |       |           |                                                                                     |
|            | 80            | 225        | 19.34 | 7630                                 | 2.1    | K                                                                                  | 57      | DV | 100M4 | 48        | 449                                                                                 |
|            | 93            | 197        | 17.57 | 7430                                 | 2.4    | KF                                                                                 | 57      | DV | 100M4 | 52        | 450                                                                                 |
|            | 106           | 178        | 15.22 | 7220                                 | 2.6    | KA                                                                                 | 57      | DV | 100M4 | 45        | 451                                                                                 |
|            | 118           | 168        | 13.25 | 6890                                 | 2.3    | KAF                                                                                | 57      | DV | 100M4 | 51        | 450                                                                                 |
|            | 125           | 385        | 11.92 | 6810                                 | 2.5    |                                                                                    |         |    |       |           |                                                                                     |
|            | 54            | 325        | 11.26 | 5260                                 | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 65            | 290        | 25.91 | 5260                                 | 1.25   |                                                                                    |         |    |       |           |                                                                                     |
|            | 72            |            | 21.81 | 5240                                 | 1.35   | K                                                                                  | 47      | DV | 100M4 | 42        | 444                                                                                 |
|            |               |            | 19.58 |                                      |        | KF                                                                                 | 47      | DV | 100M4 | 45        | 445                                                                                 |
|            |               |            |       |                                      |        | KA                                                                                 | 47      | DV | 100M4 | 41        | 446                                                                                 |
|            |               |            |       |                                      |        | KAF                                                                                | 47      | DV | 100M4 | 44        | 445                                                                                 |
|            | 84            | 250        | 16.86 | 5190                                 | 1.50   |                                                                                    |         |    |       |           |                                                                                     |
|            | 89            | 235        | 15.86 | 5160                                 | 1.60   | K                                                                                  | 47      | DV | 100M4 | 42        | 444                                                                                 |
|            | 103           | 205        | 13.65 | 5070                                 | 1.75   | KF                                                                                 | 47      | DV | 100M4 | 45        | 445                                                                                 |
|            | 116           | 182        | 12.19 | 4990                                 | 1.95   | KA                                                                                 | 47      | DV | 100M4 | 41        | 446                                                                                 |
|            | 120           | 175        | 11.77 | 4890                                 | 1.60   | KAF                                                                                | 47      | DV | 100M4 | 44        | 445                                                                                 |
|            | 133           | 157        | 10.56 | 4810                                 | 1.80   |                                                                                    |         |    |       |           |                                                                                     |
|            | 155           | 136        | 9.10  | 4690                                 | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
|            | 108           | 195        | 13.08 | 2370                                 | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 134           | 156        | 10.49 | 2430                                 | 1.00   | K                                                                                  | 37      | DV | 100M4 | 34        | 439                                                                                 |
|            | 158           | 133        | 8.91  | 2440                                 | 1.20   | KF                                                                                 | 37      | DV | 100M4 | 36        | 440                                                                                 |
|            | 177           | 119        | 7.96  | 2430                                 | 1.30   | KA                                                                                 | 37      | DV | 100M4 | 33        | 441                                                                                 |
|            | 207           | 101        | 6.80  | 2410                                 | 1.50   | KAF                                                                                | 37      | DV | 100M4 | 35        | 440                                                                                 |
|            | 221           | 95         | 6.37  | 2400                                 | 1.55   |                                                                                    |         |    |       |           |                                                                                     |
|            | 263           | 80         | 5.36  | 2350                                 | 1.75   |                                                                                    |         |    |       |           |                                                                                     |
|            | 354           | 59         | 3.98  | 2250                                 | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
| 3.0        | 0.50          | 50800      | 2818  | 190000                               | 1.00   | K                                                                                  | 187 R97 | DV | 100L4 | 1780      | 490                                                                                 |
|            |               |            |       |                                      |        | KH                                                                                 | 187 R97 | DV | 100L4 | 1720      | 490                                                                                 |
|            | 0.46          | 57500      | 3062  | 190000                               | 0.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.56          | 47100      | 2519  | 190000                               | 1.05   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.62          | 42200      | 2268  | 190000                               | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.68          | 38100      | 2054  | 190000                               | 1.30   | K                                                                                  | 187 R97 | DV | 100L4 | 1780      | 490                                                                                 |
|            | 0.77          | 33600      | 1821  | 190000                               | 1.50   | KH                                                                                 | 187 R97 | DV | 100L4 | 1710      | 490                                                                                 |
|            | 0.87          | 29800      | 1605  | 190000                               | 1.70   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.0           | 25500      | 1395  | 190000                               | 1.95   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.2           | 22100      | 1196  | 190000                               | 2.3    |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.82          | 31900      | 1704  | 150000                               | 1.00   |                                                                                    |         |    |       |           |                                                                                     |
|            | 0.99          | 26400      | 1408  | 150000                               | 1.20   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.1           | 24300      | 1296  | 150000                               | 1.30   | K                                                                                  | 167 R97 | DV | 100L4 | 1200      | 490                                                                                 |
|            | 1.3           | 20300      | 1101  | 150000                               | 1.55   | KH                                                                                 | 167 R97 | DV | 100L4 | 1160      | 490                                                                                 |
|            | 1.5           | 17500      | 944   | 150000                               | 1.85   |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.7           | 15400      | 843   | 150000                               | 2.1    |                                                                                    |         |    |       |           |                                                                                     |
|            | 1.9           | 13900      | 757   | 150000                               | 2.3    |                                                                                    |         |    |       |           |                                                                                     |



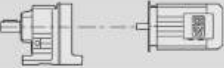
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  | m<br>[kg] |  |       |     |     |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-------|-----|-----|
| 3.0        |               | 22900      |         | 109300                               |        |                                                                                    |           |                                                                                     |       |     |     |
|            | 1.1           | 20400      | 1229    | 110900                               | 0.80   |                                                                                    |           |                                                                                     |       |     |     |
|            | 1.3           | 17600      | 1093    | 112400                               | 0.90   | K                                                                                  | 157 R97   | DV                                                                                  | 100L4 | 810 | 490 |
|            | 1.5           | 15800      | 942     | 113200                               | 1.05   | KF                                                                                 | 157 R97   | DV                                                                                  | 100L4 | 880 | 490 |
|            | 1.6           | 13800      | 854     | 114000                               | 1.15   | KA                                                                                 | 157 R97   | DV                                                                                  | 100L4 | 770 | 490 |
|            | 1.9           | 10500      | 756     | 115200                               | 1.30   | KAF                                                                                | 157 R97   | DV                                                                                  | 100L4 | 830 | 490 |
|            | 2.5           | 9310       | 567     | 115500                               | 1.70   |                                                                                    |           |                                                                                     |       |     |     |
|            | 2.8           | 9980       | 504     | 80700                                | 1.95   |                                                                                    |           |                                                                                     |       |     |     |
|            | 2.6           | 8760       | 536     | 81200                                | 1.30   |                                                                                    |           |                                                                                     |       |     |     |
|            | 3.0           | 7870       | 473     | 81500                                | 1.50   | K                                                                                  | 127 R87   | DV                                                                                  | 100L4 | 510 | 490 |
|            | 3.4           | 6880       | 418     | 81800                                | 1.65   | KF                                                                                 | 127 R87   | DV                                                                                  | 100L4 | 550 | 490 |
|            | 3.8           | 6170       | 367     | 82000                                | 1.90   | KA                                                                                 | 127 R87   | DV                                                                                  | 100L4 | 485 | 490 |
|            | 4.2           | 5300       | 330     | 82200                                | 2.1    | KAF                                                                                | 127 R87   | DV                                                                                  | 100L4 | 520 | 490 |
|            | 4.9           | 14800      | 287     | 82200                                | 2.5    |                                                                                    |           |                                                                                     |       |     |     |
|            | 1.8           | 13300      | 790     | 76300                                | 0.90   |                                                                                    |           |                                                                                     |       |     |     |
|            | 2.0           | 11500      | 704     | 79000                                | 1.00   |                                                                                    |           |                                                                                     |       |     |     |
|            | 2.3           | 10400      | 610     | 80000                                | 1.15   | K                                                                                  | 127 R77   | DV                                                                                  | 100L4 | 490 | 490 |
|            | 2.6           | 8970       | 549     | 80500                                | 1.25   | KF                                                                                 | 127 R77   | DV                                                                                  | 100L4 | 530 | 490 |
|            | 2.9           | 7900       | 477     | 81100                                | 1.45   | KA                                                                                 | 127 R77   | DV                                                                                  | 100L4 | 465 | 490 |
|            | 3.4           | 8660       | 418     | 81500                                | 1.65   | KAF                                                                                | 127 R77   | DV                                                                                  | 100L4 | 500 | 490 |
|            | 3.0           | 7660       | 461     | 65000                                | 0.90   |                                                                                    |           |                                                                                     |       |     |     |
|            | 3.4           | 6870       | 408     | 65000                                | 1.05   |                                                                                    |           |                                                                                     |       |     |     |
|            | 3.9           | 6000       | 364     | 65000                                | 1.15   |                                                                                    |           |                                                                                     |       |     |     |
|            | 4.4           | 5400       | 318     | 65000                                | 1.35   |                                                                                    |           |                                                                                     |       |     |     |
|            | 4.9           | 4730       | 286     | 65000                                | 1.50   | K                                                                                  | 107 R77   | DV                                                                                  | 100L4 | 330 | 490 |
|            | 5.6           | 4170       | 251     | 65000                                | 1.70   | KF                                                                                 | 107 R77   | DV                                                                                  | 100L4 | 340 | 490 |
|            | 6.3           | 3690       | 222     | 65000                                | 1.90   | KA                                                                                 | 107 R77   | DV                                                                                  | 100L4 | 305 | 490 |
|            | 7.1           | 3300       | 196     | 65000                                | 2.2    | KAF                                                                                | 107 R77   | DV                                                                                  | 100L4 | 325 | 490 |
|            | 8.1           | 2920       | 174     | 65000                                | 2.2    |                                                                                    |           |                                                                                     |       |     |     |
|            | 9.1           | 2650       | 154     | 65000                                | 2.5    |                                                                                    |           |                                                                                     |       |     |     |
|            | 10            | 4930       | 140     | 40000                                | 2.7    |                                                                                    |           |                                                                                     |       |     |     |
|            | 5.4           | 4440       | 258     | 40000                                | 0.85   |                                                                                    |           |                                                                                     |       |     |     |
|            | 6.0           | 3810       | 232     | 40000                                | 0.95   | K                                                                                  | 97 R57    | DV                                                                                  | 100L4 | 200 | 490 |
|            | 7.0           |            | 199     | 40000                                | 1.15   | KF                                                                                 | 97 R57    | DV                                                                                  | 100L4 | 220 | 490 |
|            |               |            |         |                                      |        | KA                                                                                 | 97 R57    | DV                                                                                  | 100L4 | 185 | 490 |
|            |               |            |         |                                      |        | KAF                                                                                | 97 R57    | DV                                                                                  | 100L4 | 210 | 490 |
|            | 5.0           | 5710       | 143.47* | 65000                                | 1.40   | K                                                                                  | 107       | DV                                                                                  | 132M8 | 325 | 474 |
|            | 5.9           | 4830       | 121.46  | 65000                                | 1.65   | KF                                                                                 | 107       | DV                                                                                  | 132M8 | 335 | 475 |
|            | 6.4           | 4470       | 112.41* | 65000                                | 1.80   | KA                                                                                 | 107       | DV                                                                                  | 132M8 | 295 | 476 |
|            | 7.2           | 4010       | 100.75  | 65000                                | 2.0    | KAF                                                                                | 107       | DV                                                                                  | 132M8 | 320 | 475 |
|            | 7.9           | 3620       | 90.96*  | 65000                                | 2.2    | K                                                                                  | 107       | DV                                                                                  | 132S6 | 305 | 474 |
|            | 6.5           | 4370       | 143.47* | 65000                                | 1.85   |                                                                                    |           |                                                                                     |       |     |     |
|            | 7.7           | 3700       | 121.46  | 65000                                | 2.2    | KF                                                                                 | 107       | DV                                                                                  | 132S6 | 315 | 475 |
|            | 8.4           | 3430       | 112.41* | 65000                                | 2.3    | KA                                                                                 | 107       | DV                                                                                  | 132S6 | 275 | 476 |
|            | 9.3           | 3070       | 100.75  | 65000                                | 2.6    | KAF                                                                                | 107       | DV                                                                                  | 132S6 | 300 | 475 |
|            | 9.8           | 2940       | 143.47* | 65000                                | 2.7    | K                                                                                  | 107       | DV                                                                                  | 100L4 | 295 | 474 |
|            | 12            | 2490       | 121.46  | 65000                                | 3.2    | KF                                                                                 | 107       | DV                                                                                  | 100L4 | 305 | 475 |
|            |               |            |         |                                      |        | KA                                                                                 | 107       | DV                                                                                  | 100L4 | 265 | 476 |
|            |               |            |         |                                      |        | KAF                                                                                | 107       | DV                                                                                  | 100L4 | 290 | 475 |
|            | 7.6           | 3780       | 123.93* | 40000                                | 1.15   | K                                                                                  | 97        | DV                                                                                  | 132S6 | 190 | 469 |
| 8.9        | 3200          | 105.13     | 40000   | 1.35                                 | KF     | 97                                                                                 | DV        | 132S6                                                                               | 210   | 470 |     |
| 9.7        | 2950          | 96.80      | 40000   | 1.45                                 | KA     | 97                                                                                 | DV        | 132S6                                                                               | 170   | 471 |     |
| 11         | 2640          | 86.52      | 40000   | 1.65                                 | KAF    | 97                                                                                 | DV        | 132S6                                                                               | 195   | 470 |     |
| 8.0        | 3600          | 176.05*    | 40000   | 1.20                                 | K      | 97                                                                                 | DV        | 100L4                                                                               | 175   | 469 |     |
| 9.1        | 3140          | 153.21*    | 40000   | 1.35                                 | KF     | 97                                                                                 | DV        | 100L4                                                                               | 200   | 470 |     |
| 10         | 2870          | 140.28     | 40000   | 1.50                                 | KA     | 97                                                                                 | DV        | 100L4                                                                               | 160   | 471 |     |
| 11         | 2540          | 123.93*    | 40000   | 1.70                                 | KAF    | 97                                                                                 | DV        | 100L4                                                                               | 185   | 470 |     |
| 13         | 2150          |            | 40000   | 2.0                                  |        |                                                                                    |           |                                                                                     |       |     |     |
| 14         | 1980          | 105.13     | 40000   | 2.2                                  |        |                                                                                    |           |                                                                                     |       |     |     |
| 16         | 1770          | 96.80      | 40000   | 2.4                                  | K      | 97                                                                                 | DV        | 100L4                                                                               | 175   | 469 |     |
| 18         | 1590          | 86.52      | 40000   | 2.7                                  | KF     | 97                                                                                 | DV        | 100L4                                                                               | 200   | 470 |     |
| 20         | 1440          | 77.89*     | 40000   | 3.0                                  | KA     | 97                                                                                 | DV        | 100L4                                                                               | 160   | 471 |     |
| 22         | 1280          | 70.54      | 40000   | 3.4                                  | KAF    | 97                                                                                 | DV        | 100L4                                                                               | 185   | 470 |     |
| 25         | 1160          | 62.55      | 40000   | 3.7                                  |        |                                                                                    |           |                                                                                     |       |     |     |
| 9.5        | 3010          | 56.55      | 26900   | 0.90                                 |        |                                                                                    |           |                                                                                     |       |     |     |
| 11         | 2600          | 147.32*    | 27400   | 1.05                                 | K      | 87                                                                                 | DV        | 100L4                                                                               | 120   | 464 |     |
| 12         | 2370          | 126.91*    | 27700   | 1.15                                 | KF     | 87                                                                                 | DV        | 100L4                                                                               | 130   | 465 |     |
| 14         | 2100          | 115.82     | 28000   | 1.30                                 | KA     | 87                                                                                 | DV        | 100L4                                                                               | 105   | 466 |     |
|            |               | 102.71*    |         |                                      | KAF    | 87                                                                                 | DV        | 100L4                                                                               | 120   | 465 |     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |    |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----|----|-------|-----------|-------------------------------------------------------------------------------------|
| 3.0        |               | 1770       |        | 28300                                |        |                                                                                    |    |    |       |           |                                                                                     |
|            | 16            | 1620       | 86.34  | 28400                                | 1.55   |                                                                                    |    |    |       |           |                                                                                     |
|            | 18            | 1440       | 79.34  | 28500                                | 1.65   |                                                                                    |    |    |       |           |                                                                                     |
|            | 20            | 1290       | 70.46  | 28600                                | 1.85   | K                                                                                  | 87 | DV | 100L4 | 120       | 464                                                                                 |
|            | 22            | 1160       | 63.00* | 28700                                | 2.1    | KF                                                                                 | 87 | DV | 100L4 | 130       | 465                                                                                 |
|            | 25            | 1010       | 56.64  | 28800                                | 2.3    | KA                                                                                 | 87 | DV | 100L4 | 105       | 466                                                                                 |
|            | 28            | 900        | 49.16  | 28800                                | 2.7    | KAF                                                                                | 87 | DV | 100L4 | 120       | 465                                                                                 |
|            | 32            | 745        | 44.02  | 28400                                | 2.9    |                                                                                    |    |    |       |           |                                                                                     |
|            | 38            | 1820       | 36.52* | 13100                                | 3.4    |                                                                                    |    |    |       |           |                                                                                     |
|            | 16            | 1600       | 88.97  | 15000                                | 0.85   |                                                                                    |    |    |       |           |                                                                                     |
|            | 18            | 1510       | 78.07  | 15600                                | 0.95   | K                                                                                  | 77 | DV | 100L4 | 82        | 459                                                                                 |
|            | 19            | 1330       | 73.99  | 16800                                | 1.00   | KF                                                                                 | 77 | DV | 100L4 | 90        | 460                                                                                 |
|            | 22            | 1190       | 64.75  | 17500                                | 1.15   | KA                                                                                 | 77 | DV | 100L4 | 75        | 461                                                                                 |
|            | 24            | 1050       | 58.34  | 18100                                | 1.30   | KAF                                                                                | 77 | DV | 100L4 | 83        | 460                                                                                 |
|            | 27            | 920        | 51.18  | 18600                                | 1.50   |                                                                                    |    |    |       |           |                                                                                     |
|            | 31            | 820        | 45.16  | 18900                                | 1.70   | K                                                                                  | 77 | DV | 100L4 | 82        | 459                                                                                 |
|            | 35            | 720        | 40.04  | 19200                                | 1.90   | KF                                                                                 | 77 | DV | 100L4 | 90        | 460                                                                                 |
|            | 40            | 630        | 35.20  | 19400                                | 2.2    | KA                                                                                 | 77 | DV | 100L4 | 75        | 461                                                                                 |
|            | 45            | 910        | 30.89  | 9450                                 | 2.5    | KAF                                                                                | 77 | DV | 100L4 | 83        | 460                                                                                 |
|            | 32            | 785        | 44.32  | 10600                                | 0.90   |                                                                                    |    |    |       |           |                                                                                     |
|            | 36            | 730        | 38.39  | 11100                                | 1.00   | K                                                                                  | 67 | DV | 100L4 | 57        | 454                                                                                 |
|            | 39            | 620        | 35.62  | 11800                                | 1.15   | KF                                                                                 | 67 | DV | 100L4 | 63        | 455                                                                                 |
|            | 46            | 560        | 30.22  | 12100                                | 1.35   | KA                                                                                 | 67 | DV | 100L4 | 55        | 456                                                                                 |
|            | 51            | 490        | 27.28  | 12500                                | 1.45   | KAF                                                                                | 67 | DV | 100L4 | 60        | 455                                                                                 |
|            | 58            | 465        | 24.00  | 12600                                | 1.65   |                                                                                    |    |    |       |           |                                                                                     |
|            | 62            | 395        | 22.66  | 12800                                | 1.70   |                                                                                    |    |    |       |           |                                                                                     |
|            | 73            | 360        | 19.30  | 13000                                | 1.95   | K                                                                                  | 67 | DV | 100L4 | 57        | 454                                                                                 |
|            | 80            | 310        | 17.54  | 13000                                | 2.1    | KF                                                                                 | 67 | DV | 100L4 | 63        | 455                                                                                 |
|            | 92            | 270        | 15.19  | 13000                                | 2.3    | KA                                                                                 | 67 | DV | 100L4 | 55        | 456                                                                                 |
|            | 106           | 255        | 13.22  | 13000                                | 2.5    | KAF                                                                                | 67 | DV | 100L4 | 60        | 455                                                                                 |
|            | 112           | 220        | 12.48  | 13000                                | 2.1    |                                                                                    |    |    |       |           |                                                                                     |
|            | 132           | 198        | 10.63  | 13000                                | 2.3    |                                                                                    |    |    |       |           |                                                                                     |
|            | 145           | 620        | 9.66   | 7180                                 | 2.4    |                                                                                    |    |    |       |           |                                                                                     |
|            | 46            | 560        | 30.28  | 7190                                 | 0.95   | K                                                                                  | 57 | DV | 100L4 | 52        | 449                                                                                 |
|            | 51            | 490        | 27.34  | 7180                                 | 1.05   | KF                                                                                 | 57 | DV | 100L4 | 56        | 450                                                                                 |
|            | 58            |            | 24.05  |                                      | 1.20   | KA                                                                                 | 57 | DV | 100L4 | 49        | 451                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 57 | DV | 100L4 | 55        | 450                                                                                 |
|            | 62            | 465        | 22.71  | 7160                                 | 1.30   |                                                                                    |    |    |       |           |                                                                                     |
|            | 72            | 395        | 19.34  | 7080                                 | 1.45   |                                                                                    |    |    |       |           |                                                                                     |
|            | 80            | 360        | 17.57  | 7020                                 | 1.55   |                                                                                    |    |    |       |           |                                                                                     |
|            | 92            | 310        | 15.22  | 6890                                 | 1.70   | K                                                                                  | 57 | DV | 100L4 | 52        | 449                                                                                 |
|            | 106           | 270        | 13.25  | 6750                                 | 1.90   | KF                                                                                 | 57 | DV | 100L4 | 56        | 450                                                                                 |
|            | 117           | 245        | 11.92  | 6420                                 | 1.70   | KA                                                                                 | 57 | DV | 100L4 | 49        | 451                                                                                 |
|            | 124           | 230        | 11.26  | 6370                                 | 1.80   | KAF                                                                                | 57 | DV | 100L4 | 55        | 450                                                                                 |
|            | 146           | 196        | 9.59   | 6200                                 | 2.1    |                                                                                    |    |    |       |           |                                                                                     |
|            | 161           | 178        | 8.71   | 6090                                 | 2.2    |                                                                                    |    |    |       |           |                                                                                     |
|            | 186           | 154        | 7.55   | 5920                                 | 2.4    |                                                                                    |    |    |       |           |                                                                                     |
|            | 213           | 134        | 6.57   | 5750                                 | 2.6    |                                                                                    |    |    |       |           |                                                                                     |
|            | 298           | 96         | 4.69   | 5320                                 | 3.1    |                                                                                    |    |    |       |           |                                                                                     |
|            | 72            | 400        | 19.58  | 4430                                 | 1.00   | K                                                                                  | 47 | DV | 100L4 | 46        | 444                                                                                 |
|            | 83            | 345        | 16.86  | 4490                                 | 1.10   | KF                                                                                 | 47 | DV | 100L4 | 49        | 445                                                                                 |
|            | 88            | 325        | 15.86  | 4500                                 | 1.15   | KA                                                                                 | 47 | DV | 100L4 | 45        | 446                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 47 | DV | 100L4 | 48        | 445                                                                                 |
|            | 103           | 280        | 13.65  | 4510                                 | 1.30   |                                                                                    |    |    |       |           |                                                                                     |
|            | 115           | 250        | 12.19  | 4490                                 | 1.40   |                                                                                    |    |    |       |           |                                                                                     |
|            | 119           | 240        | 11.77  | 4370                                 | 1.15   | K                                                                                  | 47 | DV | 100L4 | 46        | 444                                                                                 |
|            | 133           | 215        | 10.56  | 4350                                 | 1.30   | KF                                                                                 | 47 | DV | 100L4 | 49        | 445                                                                                 |
|            | 154           | 186        | 9.10   | 4290                                 | 1.50   | KA                                                                                 | 47 | DV | 100L4 | 45        | 446                                                                                 |
|            | 164           | 175        | 8.56   | 4270                                 | 1.55   | KAF                                                                                | 47 | DV | 100L4 | 48        | 445                                                                                 |
|            | 190           | 151        | 7.36   | 4190                                 | 1.65   |                                                                                    |    |    |       |           |                                                                                     |
|            | 213           | 135        | 6.58   | 4120                                 | 1.80   |                                                                                    |    |    |       |           |                                                                                     |
|            | 241           | 119        | 5.81   | 4030                                 | 1.95   |                                                                                    |    |    |       |           |                                                                                     |
|            | 302           | 95         | 4.64   | 3860                                 | 2.2    |                                                                                    |    |    |       |           |                                                                                     |
|            | 157           | 182        | 8.91   | 2000                                 | 0.90   |                                                                                    |    |    |       |           |                                                                                     |
|            | 176           | 163        | 7.96   | 2040                                 | 0.95   | K                                                                                  | 37 | DV | 100L4 | 38        | 439                                                                                 |
|            | 206           | 139        | 6.80   | 2080                                 | 1.10   | KF                                                                                 | 37 | DV | 100L4 | 40        | 440                                                                                 |
|            | 220           | 130        | 6.37   | 2080                                 | 1.10   | KA                                                                                 | 37 | DV | 100L4 | 37        | 441                                                                                 |
|            | 261           | 110        | 5.36   | 2090                                 | 1.30   | KAF                                                                                | 37 | DV | 100L4 | 39        | 440                                                                                 |
|            | 352           | 81         | 3.98   | 2050                                 | 1.55   |                                                                                    |    |    |       |           |                                                                                     |



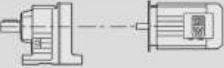
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |        | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 4.0        |               | 20100      |         | 190000                               |        |                                                                                    |          |    |        | 1830      |                                                                                     |
|            | 1.7           | 12600      | 835     | 190000                               | 2.5    | K                                                                                  | 187 R107 | DV | 112M4  | 490       |                                                                                     |
|            | 2.7           | 62200      | 520     | 190000                               | 4.0    | KH                                                                                 | 187 R107 | DV | 112M4  | 1770      | 490                                                                                 |
|            | 0.56          | 55900      | 2519    | 190000                               | 0.80   |                                                                                    |          |    |        |           |                                                                                     |
|            | 0.63          | 50500      | 2268    | 190000                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 0.69          | 44600      | 2054    | 190000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 0.78          | 39400      | 1821    | 190000                               | 1.10   |                                                                                    |          |    |        |           |                                                                                     |
|            | 0.88          | 33900      | 1605    | 190000                               | 1.25   | K                                                                                  | 187 R97  | DV | 112M4  | 1790      | 490                                                                                 |
|            | 1.0           | 29300      | 1395    | 190000                               | 1.50   | KH                                                                                 | 187 R97  | DV | 112M4  | 1720      | 490                                                                                 |
|            | 1.2           | 25600      | 1196    | 190000                               | 1.70   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.4           | 23100      | 1046    | 190000                               | 1.95   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.5           | 34900      | 945     | 190000                               | 2.2    |                                                                                    |          |    |        |           |                                                                                     |
|            |               |            |         | 150000                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.0           | 32100      | 1408    | 150000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.1           | 26900      | 1296    | 150000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.3           | 23200      | 1101    | 150000                               | 1.40   | K                                                                                  | 167 R97  | DV | 112M4  | 1210      | 490                                                                                 |
|            | 1.5           | 20500      | 944     | 150000                               | 1.55   | KH                                                                                 | 167 R97  | DV | 112M4  | 1170      | 490                                                                                 |
|            | 1.7           | 18500      | 843     | 150000                               | 1.75   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.9           | 15500      | 757     | 150000                               | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.2           | 21000      | 632     | 150000                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.7           | 18300      | 854     | 112000                               | 1.00   | K                                                                                  | 157 R97  | DV | 112M4  | 810       | 490                                                                                 |
|            | 1.9           | 13900      | 756     | 114000                               | 1.30   | KF                                                                                 | 157 R97  | DV | 112M4  | 890       | 490                                                                                 |
|            | 2.5           | 12300      | 567     | 114600                               | 1.45   | KA                                                                                 | 157 R97  | DV | 112M4  | 780       | 490                                                                                 |
|            | 2.8           | 10500      | 504     | 115100                               | 1.70   | KAF                                                                                | 157 R97  | DV | 112M4  | 830       | 490                                                                                 |
|            | 3.3           | 13200      | 434     | 79100                                | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.6           | 11600      | 536     | 79900                                | 1.10   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.0           | 10400      | 473     | 80500                                | 1.25   | K                                                                                  | 127 R87  | DV | 112M4  | 520       | 490                                                                                 |
|            | 3.4           | 9090       | 418     | 81100                                | 1.45   | KF                                                                                 | 127 R87  | DV | 112M4  | 560       | 490                                                                                 |
|            | 3.9           | 8160       | 367     | 81400                                | 1.60   | KA                                                                                 | 127 R87  | DV | 112M4  | 490       | 490                                                                                 |
|            | 4.3           | 7020       | 330     | 81800                                | 1.85   | KAF                                                                                | 127 R87  | DV | 112M4  | 530       | 490                                                                                 |
|            | 5.0           | 6210       | 287     | 82000                                | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.6           | 15200      | 253     | 75600                                | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.3           | 13700      | 610     | 78600                                | 0.95   | K                                                                                  | 127 R77  | DV | 112M4  | 495       | 490                                                                                 |
|            | 2.6           | 11800      | 549     | 79800                                | 1.10   | KF                                                                                 | 127 R77  | DV | 112M4  | 540       | 490                                                                                 |
|            | 3.0           | 10400      | 477     | 80500                                | 1.25   | KA                                                                                 | 127 R77  | DV | 112M4  | 470       | 490                                                                                 |
|            | 3.4           | 9050       | 418     | 65000                                | 0.90   | KAF                                                                                | 127 R77  | DV | 112M4  | 510       | 490                                                                                 |
|            | 3.9           | 7910       | 364     | 65000                                | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 4.5           | 7120       | 318     | 65000                                | 1.10   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.0           | 6240       | 286     | 65000                                | 1.30   | K                                                                                  | 107 R77  | DV | 112M4  | 335       | 490                                                                                 |
|            | 5.7           | 5500       | 251     | 65000                                | 1.45   | KF                                                                                 | 107 R77  | DV | 112M4  | 350       | 490                                                                                 |
|            | 6.4           | 4870       | 222     | 65000                                | 1.65   | KA                                                                                 | 107 R77  | DV | 112M4  | 310       | 490                                                                                 |
|            | 7.2           | 4360       | 196     | 65000                                | 1.65   | KAF                                                                                | 107 R77  | DV | 112M4  | 335       | 490                                                                                 |
|            | 8.2           | 3860       | 174     | 65000                                | 1.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 9.2           | 3500       | 154     | 65000                                | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 10            | 5020       | 140     | 39900                                | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 7.1           |            | 199     |                                      |        | K                                                                                  | 97 R57   | DV | 112M4  | 210       | 490                                                                                 |
|            |               |            |         |                                      |        | KF                                                                                 | 97 R57   | DV | 112M4  | 230       | 490                                                                                 |
|            |               |            |         |                                      |        | KA                                                                                 | 97 R57   | DV | 112M4  | 190       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 97 R57   | DV | 112M4  | 215       | 490                                                                                 |
|            | 5.3           | 7220       | 136.14  | 81700                                | 1.80   | K                                                                                  | 127      | DV | 132ML8 | 490       | 478                                                                                 |
|            | 5.9           | 6500       | 122.48  | 81900                                | 2.0    | KF                                                                                 | 127      | DV | 132ML8 | 530       | 479                                                                                 |
|            | 6.5           | 5850       | 110.18  | 82100                                | 2.2    | KA                                                                                 | 127      | DV | 132ML8 | 460       | 480                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 127      | DV | 132ML8 | 500       | 479                                                                                 |
|            | 6.6           | 5810       | 146.07  | 82100                                | 2.2    | K                                                                                  | 127      | DV | 132M6  | 480       | 478                                                                                 |
|            | 7.0           | 5420       | 136.14  | 82200                                | 2.4    | KF                                                                                 | 127      | DV | 132M6  | 520       | 479                                                                                 |
|            | 7.8           | 4870       | 122.48  | 82300                                | 2.7    | KA                                                                                 | 127      | DV | 132M6  | 450       | 480                                                                                 |
|            | 8.7           | 4380       | 110.18  | 82400                                | 3.0    | KAF                                                                                | 127      | DV | 132M6  | 490       | 479                                                                                 |
|            | 6.4           | 5960       | 112.41* | 65000                                | 1.35   | K                                                                                  | 107      | DV | 132ML8 | 335       | 474                                                                                 |
|            | 7.2           | 5340       | 100.75  | 65000                                | 1.50   | KF                                                                                 | 107      | DV | 132ML8 | 345       | 475                                                                                 |
|            | 7.9           | 4830       | 90.96*  | 65000                                | 1.65   | KA                                                                                 | 107      | DV | 132ML8 | 305       | 476                                                                                 |
|            | 8.7           | 4380       | 82.61   | 65000                                | 1.85   | KAF                                                                                | 107      | DV | 132ML8 | 330       | 475                                                                                 |
|            | 6.7           | 5710       | 143.47* | 65000                                | 1.40   | K                                                                                  | 107      | DV | 132M6  | 325       | 474                                                                                 |
|            | 7.9           | 4830       | 121.46  | 65000                                | 1.65   | KF                                                                                 | 107      | DV | 132M6  | 335       | 475                                                                                 |
|            | 8.5           | 4470       | 112.41* | 65000                                | 1.80   | KA                                                                                 | 107      | DV | 132M6  | 295       | 476                                                                                 |
|            | 9.5           | 4010       | 100.75  | 65000                                | 2.0    | KAF                                                                                | 107      | DV | 132M6  | 320       | 475                                                                                 |
|            | 11            | 3620       | 90.96*  | 65000                                | 2.2    |                                                                                    |          |    |        |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |     |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----|----|-------|-----------|-------------------------------------------------------------------------------------|
| 4.0        |               | 3860       |         | 65000                                |        |                                                                                    |     |    |       |           |                                                                                     |
|            | 9.9           | 3270       | 143.47* | 65000                                | 2.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 12            | 3020       | 121.46  | 65000                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 13            | 2710       | 112.41* | 65000                                | 2.7    | K                                                                                  | 107 | DV | 112M4 | 300       | 474                                                                                 |
|            | 14            | 2450       | 100.75  | 65000                                | 3.0    | KF                                                                                 | 107 | DV | 112M4 | 310       | 475                                                                                 |
|            | 16            | 2220       | 90.96*  | 65000                                | 3.3    | KA                                                                                 | 107 | DV | 112M4 | 270       | 476                                                                                 |
|            | 17            | 1970       | 82.61   | 65000                                | 3.6    | KAF                                                                                | 107 | DV | 112M4 | 295       | 475                                                                                 |
|            | 19            | 4120       | 73.30   | 40000                                | 4.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 9.3           | 3770       | 153.21* | 40000                                | 1.05   |                                                                                    |     |    |       |           |                                                                                     |
|            | 10            | 3330       | 140.28  | 40000                                | 1.15   | K                                                                                  | 97  | DV | 112M4 | 185       | 469                                                                                 |
|            | 11            |            | 123.93* | 40000                                | 1.30   | KF                                                                                 | 97  | DV | 112M4 | 205       | 470                                                                                 |
|            |               |            |         |                                      |        | KA                                                                                 | 97  | DV | 112M4 | 165       | 471                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 97  | DV | 112M4 | 190       | 470                                                                                 |
|            | 14            | 2830       | 105.13  | 40000                                | 1.50   | K                                                                                  | 97  | DV | 112M4 | 185       | 469                                                                                 |
|            | 15            | 2600       | 96.80   | 40000                                | 1.65   | KF                                                                                 | 97  | DV | 112M4 | 205       | 470                                                                                 |
|            | 16            | 2330       | 86.52   | 40000                                | 1.85   | KA                                                                                 | 97  | DV | 112M4 | 165       | 471                                                                                 |
|            | 18            | 2100       | 77.89*  | 40000                                | 2.1    | KAF                                                                                | 97  | DV | 112M4 | 190       | 470                                                                                 |
|            | 20            | 1900       | 70.54   | 40000                                | 2.3    | K                                                                                  | 87  | DV | 112M4 | 125       | 464                                                                                 |
|            | 12            | 3120       | 115.82  | 26700                                | 0.85   |                                                                                    |     |    |       |           |                                                                                     |
|            | 14            | 2760       | 102.71* | 27200                                | 1.00   | KF                                                                                 | 87  | DV | 112M4 | 135       | 465                                                                                 |
|            | 16            | 2320       | 86.34   | 27700                                | 1.15   | KA                                                                                 | 87  | DV | 112M4 | 110       | 466                                                                                 |
|            | 18            | 2130       | 79.34   | 27900                                | 1.25   | KAF                                                                                | 87  | DV | 112M4 | 125       | 465                                                                                 |
|            | 20            | 1900       | 70.46   | 28200                                | 1.40   |                                                                                    |     |    |       |           |                                                                                     |
|            | 23            | 1690       | 63.00*  | 28300                                | 1.60   | K                                                                                  | 87  | DV | 112M4 | 125       | 464                                                                                 |
|            | 25            | 1520       | 56.64   | 28500                                | 1.75   | KF                                                                                 | 87  | DV | 112M4 | 135       | 465                                                                                 |
|            | 29            | 1320       | 49.16   | 28600                                | 2.0    | KA                                                                                 | 87  | DV | 112M4 | 110       | 466                                                                                 |
|            | 32            | 1180       | 44.02   | 28300                                | 2.2    | KAF                                                                                | 87  | DV | 112M4 | 125       | 465                                                                                 |
|            | 39            | 980        | 36.52*  | 27300                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 22            | 1740       | 64.75   | 13900                                | 0.90   |                                                                                    |     |    |       |           |                                                                                     |
|            | 24            | 1570       | 58.34   | 15200                                | 1.00   | K                                                                                  | 77  | DV | 112M4 | 88        | 459                                                                                 |
|            | 28            | 1380       | 51.18   | 16500                                | 1.15   | KF                                                                                 | 77  | DV | 112M4 | 96        | 460                                                                                 |
|            | 31            | 1210       | 45.16   | 17400                                | 1.30   | KA                                                                                 | 77  | DV | 112M4 | 81        | 461                                                                                 |
|            | 35            | 1080       | 40.04   | 18000                                | 1.45   | KAF                                                                                | 77  | DV | 112M4 | 89        | 460                                                                                 |
|            | 37            | 1030       | 38.39   | 18200                                | 1.45   |                                                                                    |     |    |       |           |                                                                                     |
|            | 40            | 950        | 35.20   | 18500                                | 1.65   |                                                                                    |     |    |       |           |                                                                                     |
|            | 46            | 830        | 30.89   | 18900                                | 1.85   | K                                                                                  | 77  | DV | 112M4 | 88        | 459                                                                                 |
|            | 49            | 785        | 29.27   | 19000                                | 1.95   | KF                                                                                 | 77  | DV | 112M4 | 96        | 460                                                                                 |
|            | 55            | 690        | 25.62   | 19300                                | 2.3    | KA                                                                                 | 77  | DV | 112M4 | 81        | 461                                                                                 |
|            | 62            | 620        | 23.08   | 19500                                | 2.5    | KAF                                                                                | 77  | DV | 112M4 | 89        | 460                                                                                 |
|            | 70            | 545        | 20.25   | 19600                                | 2.8    |                                                                                    |     |    |       |           |                                                                                     |
|            | 47            | 810        | 30.22   | 10400                                | 1.00   | K                                                                                  | 67  | DV | 112M4 | 64        | 454                                                                                 |
|            | 52            | 735        | 27.28   | 11000                                | 1.10   | KF                                                                                 | 67  | DV | 112M4 | 70        | 455                                                                                 |
|            | 59            | 645        | 24.00   | 11600                                | 1.25   | KA                                                                                 | 67  | DV | 112M4 | 62        | 456                                                                                 |
|            | 63            | 610        | 22.66   | 11800                                | 1.30   | KAF                                                                                | 67  | DV | 112M4 | 67        | 455                                                                                 |
|            | 74            | 520        | 19.30   | 12300                                | 1.45   |                                                                                    |     |    |       |           |                                                                                     |
|            | 81            | 470        | 17.54   | 12500                                | 1.55   |                                                                                    |     |    |       |           |                                                                                     |
|            | 94            | 410        | 15.19   | 12800                                | 1.70   |                                                                                    |     |    |       |           |                                                                                     |
|            | 107           | 355        | 13.22   | 13000                                | 1.90   | K                                                                                  | 67  | DV | 112M4 | 64        | 454                                                                                 |
|            | 114           | 335        | 12.48   | 13000                                | 1.60   | KF                                                                                 | 67  | DV | 112M4 | 70        | 455                                                                                 |
|            | 134           | 285        | 10.63   | 13000                                | 1.75   | KA                                                                                 | 67  | DV | 112M4 | 62        | 456                                                                                 |
|            | 147           | 260        | 9.66    | 12900                                | 1.85   | KAF                                                                                | 67  | DV | 112M4 | 67        | 455                                                                                 |
|            | 170           | 225        | 8.37    | 12500                                | 1.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 195           | 196        | 7.28    | 12100                                | 2.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 273           | 140        | 5.20    | 11200                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 59            | 645        | 24.05   | 6120                                 | 0.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 63            | 610        | 22.71   | 6160                                 | 1.00   |                                                                                    |     |    |       |           |                                                                                     |
|            | 73            | 520        | 19.34   | 6220                                 | 1.10   |                                                                                    |     |    |       |           |                                                                                     |
|            | 81            | 475        | 17.57   | 6230                                 | 1.15   |                                                                                    |     |    |       |           |                                                                                     |
|            | 93            | 410        | 15.22   | 6210                                 | 1.30   |                                                                                    |     |    |       |           |                                                                                     |
|            | 107           | 355        | 13.25   | 6150                                 | 1.45   | K                                                                                  | 57  | DV | 112M4 | 59        | 449                                                                                 |
|            | 119           | 320        | 11.92   | 5810                                 | 1.30   | KF                                                                                 | 57  | DV | 112M4 | 63        | 450                                                                                 |
|            | 126           | 305        | 11.26   | 5790                                 | 1.35   | KA                                                                                 | 57  | DV | 112M4 | 56        | 451                                                                                 |
|            | 148           | 260        | 9.59    | 5700                                 | 1.55   | KAF                                                                                | 57  | DV | 112M4 | 62        | 450                                                                                 |
|            | 163           | 235        | 8.71    | 5640                                 | 1.65   |                                                                                    |     |    |       |           |                                                                                     |
|            | 188           | 205        | 7.55    | 5530                                 | 1.80   |                                                                                    |     |    |       |           |                                                                                     |
|            | 216           | 177        | 6.57    | 5400                                 | 1.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 303           | 126        | 4.69    | 5070                                 | 2.4    |                                                                                    |     |    |       |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |         |    |        | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|---------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 5.5        |               | 61300      |         | 190000                               |        |                                                                                    |         |    |        |           |                                                                                     |
|            | 0.79          | 54200      | 1821    | 190000                               | 0.80   |                                                                                    |         |    |        |           |                                                                                     |
|            | 0.89          | 46700      | 1605    | 190000                               | 0.90   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.0           | 40300      | 1395    | 190000                               | 1.05   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.2           | 35200      | 1196    | 190000                               | 1.25   | K                                                                                  | 187 R97 | DV | 132S4  | 1790      | 490                                                                                 |
|            | 1.4           | 31700      | 1046    | 190000                               | 1.40   | KH                                                                                 | 187 R97 | DV | 132S4  | 1730      | 490                                                                                 |
|            | 1.5           | 24800      | 945     | 190000                               | 1.60   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.9           | 20800      | 738     | 190000                               | 2.0    |                                                                                    |         |    |        |           |                                                                                     |
|            | 2.3           | 37100      | 621     | 150000                               | 2.4    |                                                                                    |         |    |        |           |                                                                                     |
|            |               |            |         |                                      | 0.85   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.3           | 31900      | 1101    | 150000                               | 1.00   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.5           | 28200      | 944     | 150000                               | 1.15   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.7           | 25400      | 843     | 150000                               | 1.25   |                                                                                    |         |    |        |           |                                                                                     |
|            | 1.9           | 21300      | 757     | 150000                               | 1.50   | K                                                                                  | 167 R97 | DV | 132S4  | 1210      | 490                                                                                 |
|            | 2.3           | 18700      | 632     | 150000                               | 1.70   | KH                                                                                 | 167 R97 | DV | 132S4  | 1170      | 490                                                                                 |
|            | 2.6           | 16200      | 561     | 150000                               | 2.0    |                                                                                    |         |    |        |           |                                                                                     |
|            | 3.0           | 14100      | 481     | 150000                               | 2.3    |                                                                                    |         |    |        |           |                                                                                     |
|            | 3.4           | 22000      | 423     | 109900                               | 0.80   |                                                                                    |         |    |        |           |                                                                                     |
|            | 2.2           | 19100      | 661     | 111600                               | 0.95   | K                                                                                  | 157 R97 | DV | 132S4  | 820       | 490                                                                                 |
|            | 2.5           | 17000      | 567     | 112700                               | 1.05   | KF                                                                                 | 157 R97 | DV | 132S4  | 900       | 490                                                                                 |
|            | 2.8           | 14500      | 504     | 113800                               | 1.25   | KA                                                                                 | 157 R97 | DV | 132S4  | 780       | 490                                                                                 |
|            | 3.3           | 12600      | 434     | 114500                               | 1.45   | KAF                                                                                | 157 R97 | DV | 132S4  | 840       | 490                                                                                 |
|            | 3.8           | 11100      | 379     | 115000                               | 1.60   |                                                                                    |         |    |        |           |                                                                                     |
|            | 4.3           | 14300      | 333     | 77400                                | 0.90   |                                                                                    |         |    |        |           |                                                                                     |
|            | 3.4           | 12500      | 418     | 79500                                | 1.05   |                                                                                    |         |    |        |           |                                                                                     |
|            | 3.9           | 11200      | 367     | 80100                                | 1.15   |                                                                                    |         |    |        |           |                                                                                     |
|            | 4.3           | 9650       | 330     | 80800                                | 1.35   | K                                                                                  | 127 R87 | DV | 132S4  | 520       | 490                                                                                 |
|            | 5.0           | 8540       | 287     | 81300                                | 1.50   | KF                                                                                 | 127 R87 | DV | 132S4  | 570       | 490                                                                                 |
|            | 5.6           | 7170       | 253     | 81700                                | 1.80   | KA                                                                                 | 127 R87 | DV | 132S4  | 495       | 490                                                                                 |
|            | 6.7           | 6830       | 213     | 81800                                | 1.75   | KAF                                                                                | 127 R87 | DV | 132S4  | 530       | 490                                                                                 |
|            | 7.1           | 5660       | 200     | 82100                                | 2.1    |                                                                                    |         |    |        |           |                                                                                     |
|            | 8.6           | 4990       | 166     | 82300                                | 2.4    |                                                                                    |         |    |        |           |                                                                                     |
|            | 9.8           | 7540       | 147     | 65000                                | 1.05   |                                                                                    |         |    |        |           |                                                                                     |
|            | 6.5           | 6680       | 222     | 65000                                | 1.20   | K                                                                                  | 107 R77 | DV | 132S4  | 345       | 490                                                                                 |
|            | 7.3           | 5970       | 196     | 65000                                | 1.20   | KF                                                                                 | 107 R77 | DV | 132S4  | 355       | 490                                                                                 |
|            | 8.2           | 5280       | 174     | 65000                                | 1.35   | KA                                                                                 | 107 R77 | DV | 132S4  | 315       | 490                                                                                 |
|            | 9.3           | 4800       | 154     | 65000                                | 1.50   | KAF                                                                                | 107 R77 | DV | 132S4  | 340       | 490                                                                                 |
|            | 10            | 11100      | 140     | 115000                               | 1.60   |                                                                                    |         |    |        |           |                                                                                     |
|            | 4.7           | 9050       | 150.41  | 115500                               | 2.0    | K                                                                                  | 157     | DV | 160M8  | 730       | 482                                                                                 |
|            | 5.8           | 7410       | 122.39  | 115900                               | 2.4    | KF                                                                                 | 157     | DV | 160M8  | 810       | 483                                                                                 |
|            | 7.1           | 6780       | 100.22  | 116000                               | 2.7    | KA                                                                                 | 157     | DV | 160M8  | 700       | 484                                                                                 |
|            | 7.8           | 10100      | 91.65   | 80700                                | 1.30   | KAF                                                                                | 157     | DV | 160M8  | 760       | 483                                                                                 |
|            | 5.2           | 9060       | 136.14  | 81100                                | 1.45   | K                                                                                  | 127     | DV | 160M8  | 495       | 478                                                                                 |
|            | 5.8           | 8150       | 122.48  | 81400                                | 1.60   | KF                                                                                 | 127     | DV | 160M8  | 540       | 479                                                                                 |
|            | 6.4           | 6650       | 110.18  | 81900                                | 1.95   | KA                                                                                 | 127     | DV | 160M8  | 465       | 480                                                                                 |
|            | 7.9           | 7450       | 89.89   | 81600                                | 1.75   | KAF                                                                                | 127     | DV | 160M8  | 500       | 479                                                                                 |
|            | 7.0           | 6700       | 136.14  | 81900                                | 1.95   | K                                                                                  | 127     | DV | 132ML6 | 490       | 478                                                                                 |
|            | 7.8           | 6030       | 122.48  | 82100                                | 2.2    | KF                                                                                 | 127     | DV | 132ML6 | 530       | 479                                                                                 |
|            | 8.7           | 4920       | 110.18  | 82300                                | 2.6    | KA                                                                                 | 127     | DV | 132ML6 | 460       | 480                                                                                 |
|            | 11            | 6150       | 89.89   | 65000                                | 1.30   | KAF                                                                                | 127     | DV | 132ML6 | 500       | 479                                                                                 |
|            | 8.5           | 5510       | 112.41* | 65000                                | 1.45   | K                                                                                  | 107     | DV | 132ML6 | 335       | 474                                                                                 |
|            | 9.5           | 4980       | 100.75  | 65000                                | 1.60   | KF                                                                                 | 107     | DV | 132ML6 | 345       | 475                                                                                 |
|            | 11            | 4520       | 90.96*  | 65000                                | 1.75   | KA                                                                                 | 107     | DV | 132ML6 | 305       | 476                                                                                 |
|            | 12            | 5270       | 82.61   | 65000                                | 1.50   | KAF                                                                                | 107     | DV | 132ML6 | 330       | 475                                                                                 |
|            | 10            | 4460       | 143.47* | 65000                                | 1.80   |                                                                                    |         |    |        |           |                                                                                     |
|            | 12            | 4130       | 121.46  | 65000                                | 1.95   | K                                                                                  | 107     | DV | 132S4  | 305       | 474                                                                                 |
|            | 13            | 3700       | 112.41* | 65000                                | 2.2    | KF                                                                                 | 107     | DV | 132S4  | 315       | 475                                                                                 |
|            | 14            | 3340       | 100.75  | 65000                                | 2.4    | KA                                                                                 | 107     | DV | 132S4  | 275       | 476                                                                                 |
|            | 16            | 3030       | 90.96*  | 65000                                | 2.6    | KAF                                                                                | 107     | DV | 132S4  | 300       | 475                                                                                 |
|            | 17            |            | 82.61   |                                      |        |                                                                                    |         |    |        |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |       |  | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|-------|--|-----------|-------------------------------------------------------------------------------------|
| 5.5        |               | 4550       |         | 40000                                |        |                                                                                    |          |    |       |  | 190       |                                                                                     |
|            | 12            | 3860       | 123.93* | 40000                                | 0.95   | K                                                                                  | 97       | DV | 132S4 |  | 190       | 469                                                                                 |
|            | 14            | 3560       | 105.13  | 40000                                | 1.10   | KF                                                                                 | 97       | DV | 132S4 |  | 210       | 470                                                                                 |
|            | 15            | 3180       | 96.80   | 40000                                | 1.20   | KA                                                                                 | 97       | DV | 132S4 |  | 170       | 471                                                                                 |
|            | 17            | 2860       | 86.52   | 40000                                | 1.35   | KAF                                                                                | 97       | DV | 132S4 |  | 195       | 470                                                                                 |
|            | 18            | 2590       | 77.89*  | 40000                                | 1.50   | K                                                                                  | 97       | DV | 132S4 |  | 190       | 469                                                                                 |
|            | 20            | 2300       | 70.54   | 40000                                | 1.65   | KF                                                                                 | 97       | DV | 132S4 |  | 210       | 470                                                                                 |
|            | 23            | 2080       | 62.55   | 39700                                | 1.85   | KA                                                                                 | 97       | DV | 132S4 |  | 170       | 471                                                                                 |
|            | 25            | 1760       | 56.55   | 38600                                | 2.1    | KAF                                                                                | 97       | DV | 132S4 |  | 195       | 470                                                                                 |
|            | 30            | 3170       | 47.93*  | 26600                                | 2.4    |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 17            | 2910       | 86.34   | 27000                                | 0.85   | K                                                                                  | 87       | DV | 132S4 |  | 130       | 464                                                                                 |
|            | 18            | 2590       | 79.34   | 27400                                | 0.95   | KF                                                                                 | 87       | DV | 132S4 |  | 140       | 465                                                                                 |
|            | 20            | 2310       | 70.46   | 27500                                | 1.05   | KA                                                                                 | 87       | DV | 132S4 |  | 120       | 466                                                                                 |
|            | 23            | 2080       | 63.00*  | 27300                                | 1.15   | KAF                                                                                | 87       | DV | 132S4 |  | 130       | 465                                                                                 |
|            | 25            | 1810       | 56.64   | 26900                                | 1.30   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 29            | 1620       | 49.16   | 26500                                | 1.50   | K                                                                                  | 87       | DV | 132S4 |  | 130       | 464                                                                                 |
|            | 32            | 1340       | 44.02   | 25800                                | 1.60   | KF                                                                                 | 87       | DV | 132S4 |  | 140       | 465                                                                                 |
|            | 39            | 1150       | 36.52*  | 25200                                | 1.85   | KA                                                                                 | 87       | DV | 132S4 |  | 120       | 466                                                                                 |
|            | 46            | 1020       | 31.39   | 24700                                | 2.3    | KAF                                                                                | 87       | DV | 132S4 |  | 130       | 465                                                                                 |
|            | 51            | 1660       | 27.88   | 14600                                | 2.5    |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 32            | 1470       | 45.16   | 15900                                | 0.95   | K                                                                                  | 77       | DV | 132S4 |  | 95        | 459                                                                                 |
|            | 36            | 1130       | 40.04   | 17800                                | 1.05   | KF                                                                                 | 77       | DV | 132S4 |  | 105       | 460                                                                                 |
|            | 46            | 1070       | 30.89   | 18000                                | 1.35   | KA                                                                                 | 77       | DV | 132S4 |  | 88        | 461                                                                                 |
|            | 49            | 940        | 29.27   | 18500                                | 1.45   | KAF                                                                                | 77       | DV | 132S4 |  | 96        | 460                                                                                 |
|            | 56            | 850        | 25.62   | 18800                                | 1.65   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 62            | 745        | 23.08   | 19100                                | 1.85   | K                                                                                  | 77       | DV | 132S4 |  | 95        | 459                                                                                 |
|            | 71            | 655        | 20.25   | 19400                                | 2.0    | KF                                                                                 | 77       | DV | 132S4 |  | 105       | 460                                                                                 |
|            | 80            | 580        | 17.87   | 19200                                | 2.2    | KA                                                                                 | 77       | DV | 132S4 |  | 88        | 461                                                                                 |
|            | 90            | 495        | 15.84   | 18600                                | 2.4    | KAF                                                                                | 77       | DV | 132S4 |  | 96        | 460                                                                                 |
|            | 106           | 455        | 13.52   | 17900                                | 2.7    |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 116           | 400        | 12.36   | 17400                                | 2.2    |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 132           | 880        | 10.84   | 9720                                 | 2.5    |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 60            | 830        | 10.84   | 9720                                 | 0.90   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 63            | 710        | 24.00   | 10200                                | 0.95   | K                                                                                  | 67       | DV | 132S4 |  | 69        | 454                                                                                 |
|            | 74            | 645        | 22.66   | 11200                                | 1.05   | KF                                                                                 | 67       | DV | 132S4 |  | 75        | 455                                                                                 |
|            | 82            | 560        | 19.30   | 11600                                | 1.15   | KA                                                                                 | 67       | DV | 132S4 |  | 67        | 456                                                                                 |
|            | 94            | 485        | 17.54   | 12100                                | 1.25   | KAF                                                                                | 67       | DV | 132S4 |  | 72        | 455                                                                                 |
|            | 108           | 460        | 15.19   | 12500                                | 1.40   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 115           | 390        | 13.22   | 12600                                | 1.15   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 135           | 355        | 12.48   | 12400                                | 1.30   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 148           | 305        | 10.63   | 12200                                | 1.35   | K                                                                                  | 67       | DV | 132S4 |  | 69        | 454                                                                                 |
|            | 171           | 265        | 9.66    | 11900                                | 1.45   | KF                                                                                 | 67       | DV | 132S4 |  | 75        | 455                                                                                 |
|            | 196           | 191        | 8.37    | 11600                                | 1.55   | KA                                                                                 | 67       | DV | 132S4 |  | 67        | 456                                                                                 |
|            | 275           | 38200      | 7.28    | 10800                                | 1.85   | KAF                                                                                | 67       | DV | 132S4 |  | 72        | 455                                                                                 |
|            | 1.7           | 33200      | 5.20    | 190000                               | 1.30   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.7           | 33200      | 5.20    | 190000                               | 1.50   |                                                                                    |          |    |       |  |           |                                                                                     |
| 7.5        | 2.0           | 28300      | 835     | 190000                               | 1.75   | K                                                                                  | 187 R107 | DV | 132M4 |  | 1860      | 490                                                                                 |
|            | 2.3           | 55200      | 729     | 190000                               | 0.90   | KH                                                                                 | 187 R107 | DV | 132M4 |  | 1790      | 490                                                                                 |
|            | 1.2           | 48200      | 622     | 190000                               | 1.05   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.4           | 43500      | 1196    | 190000                               | 1.15   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.5           | 34000      | 1046    | 190000                               | 1.45   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.9           | 28600      | 945     | 190000                               | 1.75   | K                                                                                  | 187 R97  | DV | 132M4 |  | 1810      | 490                                                                                 |
|            | 2.3           | 24200      | 738     | 190000                               | 2.1    | KH                                                                                 | 187 R97  | DV | 132M4 |  | 1750      | 490                                                                                 |
|            | 2.7           | 38700      | 621     | 150000                               | 0.85   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.7           | 34900      | 527     | 150000                               | 0.90   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 1.9           | 29200      | 843     | 150000                               | 1.10   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 2.3           | 25600      | 757     | 150000                               | 1.25   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 2.6           | 22200      | 632     | 150000                               | 1.45   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 3.0           | 19400      | 561     | 150000                               | 1.65   | K                                                                                  | 167 R97  | DV | 132M4 |  | 1230      | 490                                                                                 |
|            | 3.4           | 16900      | 481     | 150000                               | 1.90   | KH                                                                                 | 167 R97  | DV | 132M4 |  | 1190      | 490                                                                                 |
|            | 3.9           | 19900      | 423     | 111200                               | 0.90   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 3.3           | 17400      | 369     | 112500                               | 1.05   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 3.8           | 15300      | 434     | 113500                               | 1.20   |                                                                                    |          |    |       |  |           |                                                                                     |
|            | 4.3           | 13300      | 379     | 114200                               | 1.35   | K                                                                                  | 157 R97  | DV | 132M4 |  | 840       | 490                                                                                 |
|            | 4.9           |            | 333     |                                      |        | KF                                                                                 | 157 R97  | DV | 132M4 |  | 920       | 490                                                                                 |
|            |               |            | 291     |                                      |        | KA                                                                                 | 157 R97  | DV | 132M4 |  | 800       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 157 R97  | DV | 132M4 |  | 860       | 490                                                                                 |

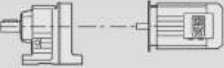


| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  | m<br>[kg] |  |       |      |     |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-------|------|-----|
| 7.5        |               | 15300      |         | 75300                                |        |                                                                                    |           |                                                                                     |       |      |     |
|            | 4.3           | 13200      | 330     | 79100                                | 0.85   |                                                                                    |           |                                                                                     |       |      |     |
|            | 5.0           | 11700      | 287     | 79900                                | 1.00   | K                                                                                  | 127 R87   | DV                                                                                  | 132M4 | 550  | 490 |
|            | 5.6           | 9830       | 253     | 80800                                | 1.10   | KF                                                                                 | 127 R87   | DV                                                                                  | 132M4 | 590  | 490 |
|            | 6.7           | 9360       | 213     | 80900                                | 1.30   | KA                                                                                 | 127 R87   | DV                                                                                  | 132M4 | 520  | 490 |
|            | 7.1           | 7750       | 200     | 81500                                | 1.30   | KAF                                                                                | 127 R87   | DV                                                                                  | 132M4 | 550  | 490 |
|            | 8.6           | 6840       | 166     | 81800                                | 1.55   |                                                                                    |           |                                                                                     |       |      |     |
|            | 9.8           | 16400      | 147     | 150000                               | 1.75   |                                                                                    |           |                                                                                     |       |      |     |
|            | 4.4           | 13400      | 164.50  | 150000                               | 1.95   | K                                                                                  | 167       | DV                                                                                  | 160L8 | 1160 | 486 |
|            | 5.3           | 12300      | 134.99  | 150000                               | 2.4    | KH                                                                                 | 167       | DV                                                                                  | 160L8 | 1120 | 487 |
|            | 5.8           | 10100      | 164.50  | 150000                               | 2.6    | K                                                                                  | 167       | DV                                                                                  | 160M6 | 1130 | 486 |
|            | 7.1           | 11200      | 134.99  | 114900                               | 3.2    | KH                                                                                 | 167       | DV                                                                                  | 160M6 | 1090 | 487 |
|            | 6.4           | 9130       | 150.41  | 115500                               | 1.60   | K                                                                                  | 157       | DV                                                                                  | 160M6 | 730  | 482 |
|            | 7.8           | 7480       | 122.39  | 115900                               | 1.95   | KF                                                                                 | 157       | DV                                                                                  | 160M6 | 810  | 483 |
|            | 9.6           | 6840       | 100.22  | 116000                               | 2.4    | KA                                                                                 | 157       | DV                                                                                  | 160M6 | 700  | 484 |
|            | 10            | 5950       | 91.65   | 116200                               | 2.6    | KAF                                                                                | 157       | DV                                                                                  | 160M6 | 760  | 483 |
|            | 12            | 10200      | 79.75   | 80600                                | 3.0    |                                                                                    |           |                                                                                     |       |      |     |
|            | 7.0           | 9140       | 136.14  | 81000                                | 1.30   | K                                                                                  | 127       | DV                                                                                  | 160M6 | 495  | 478 |
|            | 7.8           | 8220       | 122.48  | 81400                                | 1.40   | KF                                                                                 | 127       | DV                                                                                  | 160M6 | 540  | 479 |
|            | 8.7           | 6710       | 110.18  | 81900                                | 1.60   | KA                                                                                 | 127       | DV                                                                                  | 160M6 | 465  | 480 |
|            | 11            | 7320       | 89.89   | 81700                                | 1.95   | KAF                                                                                | 127       | DV                                                                                  | 160M6 | 500  | 479 |
|            | 9.8           | 6820       | 146.07  | 81800                                | 1.80   |                                                                                    |           |                                                                                     |       |      |     |
|            | 11            | 6130       | 136.14  | 82000                                | 1.90   |                                                                                    |           |                                                                                     |       |      |     |
|            | 12            | 5520       | 122.48  | 82200                                | 2.1    | K                                                                                  | 127       | DV                                                                                  | 132M4 | 480  | 478 |
|            | 13            | 4500       | 110.18  | 82400                                | 2.4    | KF                                                                                 | 127       | DV                                                                                  | 132M4 | 520  | 479 |
|            | 16            | 4110       | 89.89   | 82500                                | 2.9    | KA                                                                                 | 127       | DV                                                                                  | 132M4 | 450  | 480 |
|            | 17            | 3550       | 81.98   | 82600                                | 3.2    | KAF                                                                                | 127       | DV                                                                                  | 132M4 | 490  | 479 |
|            | 20            | 7190       | 70.95*  | 65000                                | 3.7    |                                                                                    |           |                                                                                     |       |      |     |
|            | 10            | 6080       | 143.47* | 65000                                | 1.10   |                                                                                    |           |                                                                                     |       |      |     |
|            | 12            | 5630       | 121.46  | 65000                                | 1.30   | K                                                                                  | 107       | DV                                                                                  | 132M4 | 325  | 474 |
|            | 13            |            | 112.41* |                                      | 1.40   | KF                                                                                 | 107       | DV                                                                                  | 132M4 | 335  | 475 |
|            |               |            |         |                                      |        | KA                                                                                 | 107       | DV                                                                                  | 132M4 | 295  | 476 |
|            |               |            |         |                                      |        | KAF                                                                                | 107       | DV                                                                                  | 132M4 | 320  | 475 |
|            | 14            | 5050       | 100.75  | 65000                                | 1.60   |                                                                                    |           |                                                                                     |       |      |     |
|            | 16            | 4560       | 90.96*  | 64200                                | 1.75   |                                                                                    |           |                                                                                     |       |      |     |
|            | 17            | 4140       | 82.61   | 63200                                | 1.95   | K                                                                                  | 107       | DV                                                                                  | 132M4 | 325  | 474 |
|            | 20            | 3670       | 73.30   | 61900                                | 2.2    | KF                                                                                 | 107       | DV                                                                                  | 132M4 | 335  | 475 |
|            | 22            | 3330       | 66.52*  | 60900                                | 2.4    | KA                                                                                 | 107       | DV                                                                                  | 132M4 | 295  | 476 |
|            | 25            | 2860       | 57.17*  | 59100                                | 2.8    | KAF                                                                                | 107       | DV                                                                                  | 132M4 | 320  | 475 |
|            | 29            | 2500       | 49.90   | 57500                                | 3.1    |                                                                                    |           |                                                                                     |       |      |     |
|            | 34            | 2120       | 42.33*  | 55500                                | 3.5    |                                                                                    |           |                                                                                     |       |      |     |
|            | 39            | 1850       | 37.00*  | 53800                                | 3.9    |                                                                                    |           |                                                                                     |       |      |     |
|            | 15            | 4850       | 96.80   | 38300                                | 0.90   | K                                                                                  | 97        | DV                                                                                  | 132M4 | 210  | 469 |
|            | 17            | 4330       | 86.52   | 38300                                | 1.00   | KF                                                                                 | 97        | DV                                                                                  | 132M4 | 230  | 470 |
|            | 18            | 3900       | 77.89*  | 38100                                | 1.10   | KA                                                                                 | 97        | DV                                                                                  | 132M4 | 190  | 471 |
|            | 20            | 3530       | 70.54   | 37900                                | 1.20   | KAF                                                                                | 97        | DV                                                                                  | 132M4 | 215  | 470 |
|            | 23            | 3130       | 62.55   | 37500                                | 1.35   |                                                                                    |           |                                                                                     |       |      |     |
|            | 25            | 2830       | 56.55   | 37100                                | 1.50   |                                                                                    |           |                                                                                     |       |      |     |
|            | 30            | 2400       | 47.93*  | 36400                                | 1.80   | K                                                                                  | 97        | DV                                                                                  | 132M4 | 210  | 469 |
|            | 34            | 2100       | 41.87   | 35600                                | 2.1    | KF                                                                                 | 97        | DV                                                                                  | 132M4 | 230  | 470 |
|            | 37            | 1920       | 38.30   | 35100                                | 2.2    | KA                                                                                 | 97        | DV                                                                                  | 132M4 | 190  | 471 |
|            | 42            | 1710       | 34.23   | 34400                                | 2.5    | KAF                                                                                | 97        | DV                                                                                  | 132M4 | 215  | 470 |
|            | 23            | 3160       | 63.00*  | 24100                                | 0.85   |                                                                                    |           |                                                                                     |       |      |     |
|            | 25            | 2840       | 56.64   | 24200                                | 0.95   | K                                                                                  | 87        | DV                                                                                  | 132M4 | 150  | 464 |
|            | 29            | 2460       | 49.16   | 24200                                | 1.10   | KF                                                                                 | 87        | DV                                                                                  | 132M4 | 160  | 465 |
|            | 32            | 2200       | 44.02   | 24200                                | 1.20   | KA                                                                                 | 87        | DV                                                                                  | 132M4 | 140  | 466 |
|            | 39            | 1830       | 36.52*  | 23900                                | 1.35   | KAF                                                                                | 87        | DV                                                                                  | 132M4 | 155  | 465 |
|            | 46            | 1570       | 31.39   | 23500                                | 1.70   |                                                                                    |           |                                                                                     |       |      |     |
|            | 51            | 1400       | 27.88   | 23200                                | 1.85   |                                                                                    |           |                                                                                     |       |      |     |
|            | 57            | 1250       | 24.92   | 22800                                | 2.0    |                                                                                    |           |                                                                                     |       |      |     |
|            | 64            | 1120       | 22.41   | 22500                                | 2.1    | K                                                                                  | 87        | DV                                                                                  | 132M4 | 150  | 464 |
|            | 74            | 970        | 22.41   | 21900                                | 2.4    | KF                                                                                 | 87        | DV                                                                                  | 132M4 | 160  | 465 |
|            | 82            | 870        | 19.45   | 21500                                | 2.5    | KA                                                                                 | 87        | DV                                                                                  | 132M4 | 140  | 466 |
|            | 89            | 800        | 17.42   | 20600                                | 2.3    | KAF                                                                                | 87        | DV                                                                                  | 132M4 | 155  | 465 |
|            | 99            | 725        | 16.00   | 20700                                | 2.9    |                                                                                    |           |                                                                                     |       |      |     |
|            |               | 14.45      |         |                                      |        |                                                                                    |           |                                                                                     |       |      |     |


**K..DR/DT/DV**  
**K..D.. [kW]**

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |        | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 7.5        |               | 1550       |         | 15400                                |        |                                                                                    |          |    |        |           |                                                                                     |
|            | 46            | 1470       | 30.89   | 16000                                | 1.00   | K                                                                                  | 77       | DV | 132M4  | 115       | 459                                                                                 |
|            | 49            | 1280       | 29.27   | 17000                                | 1.05   | KF                                                                                 | 77       | DV | 132M4  | 125       | 460                                                                                 |
|            | 56            | 1160       | 25.62   | 17700                                | 1.20   | KA                                                                                 | 77       | DV | 132M4  | 110       | 461                                                                                 |
|            | 62            | 1010       | 23.08   | 18300                                | 1.35   | KAF                                                                                | 77       | DV | 132M4  | 115       | 460                                                                                 |
|            | 71            | 890        | 20.25   | 18600                                | 1.50   |                                                                                    |          |    |        |           |                                                                                     |
|            | 80            | 795        | 17.87   | 18200                                | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 90            | 675        | 15.84   | 17800                                | 1.75   |                                                                                    |          |    |        |           |                                                                                     |
|            | 106           | 620        | 13.52   | 17000                                | 2.0    |                                                                                    |          |    |        |           |                                                                                     |
|            | 116           | 545        | 12.36   | 16700                                | 1.60   | K                                                                                  | 77       | DV | 132M4  | 115       | 459                                                                                 |
|            | 132           | 480        | 10.84   | 16300                                | 1.80   | KF                                                                                 | 77       | DV | 132M4  | 125       | 460                                                                                 |
|            | 150           | 425        | 9.56    | 15900                                | 1.95   | KA                                                                                 | 77       | DV | 132M4  | 110       | 461                                                                                 |
|            | 169           | 365        | 8.48    | 15400                                | 2.1    | KAF                                                                                | 77       | DV | 132M4  | 115       | 460                                                                                 |
|            | 198           | 300        | 7.24    | 15000                                | 2.3    |                                                                                    |          |    |        |           |                                                                                     |
|            |               | 46700      |         | 190000                               | 1.05   |                                                                                    |          |    |        |           |                                                                                     |
| 9.2        | 1.7           | 40600      | 835     | 190000                               | 1.25   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.0           | 34600      | 729     | 190000                               | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.3           | 29400      | 622     | 190000                               | 1.70   | K                                                                                  | 187 R107 | DV | 132ML4 | 1870      | 490                                                                                 |
|            | 2.8           | 25600      | 520     | 190000                               | 1.95   | KH                                                                                 | 187 R107 | DV | 132ML4 | 1800      | 490                                                                                 |
|            | 3.2           | 58900      | 454     | 190000                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.4           | 53200      | 1046    | 190000                               | 0.95   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.5           | 41600      | 945     | 190000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.9           | 34900      | 738     | 190000                               | 1.45   | K                                                                                  | 187 R97  | DV | 132ML4 | 1820      | 490                                                                                 |
|            | 2.3           | 29500      | 621     | 190000                               | 1.70   | KH                                                                                 | 187 R97  | DV | 132ML4 | 1760      | 490                                                                                 |
|            | 2.7           | 18000      | 527     | 150000                               | 1.80   |                                                                                    |          |    |        |           |                                                                                     |
|            | 4.5           | 15600      | 318     | 150000                               | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.2           | 13500      | 278     | 150000                               | 2.4    |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.9           | 11800      | 244     | 150000                               | 2.7    | K                                                                                  | 167 R107 | DV | 132ML4 | 1290      | 490                                                                                 |
|            | 6.8           | 11500      | 213     | 150000                               | 2.8    | KH                                                                                 | 167 R107 | DV | 132ML4 | 1250      | 490                                                                                 |
|            | 7.0           | 35600      | 206     | 150000                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.3           | 31400      | 632     | 150000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.6           | 27100      | 561     | 150000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.0           | 23700      | 481     | 150000                               | 1.35   | K                                                                                  | 167 R97  | DV | 132ML4 | 1240      | 490                                                                                 |
|            | 3.4           | 20700      | 423     | 150000                               | 1.55   | KH                                                                                 | 167 R97  | DV | 132ML4 | 1200      | 490                                                                                 |
|            | 3.9           | 21300      | 369     | 110400                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.7           | 17900      | 385     | 112300                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 4.4           | 16600      | 325     | 112800                               | 1.10   | K                                                                                  | 157 R107 | DV | 132ML4 | 890       | 490                                                                                 |
|            | 4.8           | 14100      | 299     | 114000                               | 1.30   | KF                                                                                 | 157 R107 | DV | 132ML4 | 970       | 490                                                                                 |
|            | 5.7           | 12600      | 253     | 114500                               | 1.40   | KA                                                                                 | 157 R107 | DV | 132ML4 | 860       | 490                                                                                 |
|            | 6.2           | 21200      | 230     | 110400                               | 0.85   | KAF                                                                                | 157 R107 | DV | 132ML4 | 920       | 490                                                                                 |
|            | 3.8           | 18700      | 379     | 111800                               | 0.95   | K                                                                                  | 157 R97  | DV | 132ML4 | 850       | 490                                                                                 |
|            | 4.3           | 16300      | 333     | 113000                               | 1.10   | KF                                                                                 | 157 R97  | DV | 132ML4 | 930       | 490                                                                                 |
|            | 5.0           |            | 291     |                                      |        | KA                                                                                 | 157 R97  | DV | 132ML4 | 810       | 490                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 157 R97  | DV | 132ML4 | 870       | 490                                                                                 |
|            | 5.7           | 14300      | 253     | 77400                                | 0.90   | K                                                                                  | 127 R87  | DV | 132ML4 | 550       | 490                                                                                 |
|            | 6.8           | 12000      | 213     | 79700                                | 1.10   | KF                                                                                 | 127 R87  | DV | 132ML4 | 600       | 490                                                                                 |
|            | 7.2           | 11400      | 200     | 80000                                | 1.05   | KA                                                                                 | 127 R87  | DV | 132ML4 | 530       | 490                                                                                 |
|            | 8.7           | 9460       | 166     | 80900                                | 1.25   | KAF                                                                                | 127 R87  | DV | 132ML4 | 560       | 490                                                                                 |
|            | 9.8           | 8350       | 147     | 81300                                | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 11            | 8310       | 136.14  | 81300                                | 1.55   | K                                                                                  | 127      | DV | 132ML4 | 490       | 478                                                                                 |
|            | 12            | 7470       | 122.48  | 81600                                | 1.75   | KF                                                                                 | 127      | DV | 132ML4 | 530       | 479                                                                                 |
|            | 13            | 6720       | 110.18  | 81900                                | 1.95   | KA                                                                                 | 127      | DV | 132ML4 | 460       | 480                                                                                 |
|            | 16            | 5480       | 89.89   | 82200                                | 2.4    | KAF                                                                                | 127      | DV | 132ML4 | 500       | 479                                                                                 |
|            | 18            | 5000       | 81.98   | 82300                                | 2.6    |                                                                                    |          |    |        |           |                                                                                     |
|            | 13            | 6860       | 112.41* | 62400                                | 1.15   | K                                                                                  | 107      | DV | 132ML4 | 335       | 474                                                                                 |
|            | 14            | 6150       | 100.75  | 61800                                | 1.30   | KF                                                                                 | 107      | DV | 132ML4 | 345       | 475                                                                                 |
|            | 16            | 5550       | 90.96*  | 61100                                | 1.45   | KA                                                                                 | 107      | DV | 132ML4 | 305       | 476                                                                                 |
|            |               |            |         |                                      |        | KAF                                                                                | 107      | DV | 132ML4 | 330       | 475                                                                                 |
|            | 17            | 5040       | 82.61   | 60400                                | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 20            | 4470       | 73.30   | 59400                                | 1.80   | K                                                                                  | 107      | DV | 132ML4 | 335       | 474                                                                                 |
|            | 22            | 4060       | 66.52*  | 58600                                | 1.95   | KF                                                                                 | 107      | DV | 132ML4 | 345       | 475                                                                                 |
|            | 25            | 3490       | 57.17*  | 57100                                | 2.3    | KA                                                                                 | 107      | DV | 132ML4 | 305       | 476                                                                                 |
|            | 29            | 3040       | 49.90   | 55700                                | 2.6    | KAF                                                                                | 107      | DV | 132ML4 | 330       | 475                                                                                 |
|            | 34            | 2580       | 42.33*  | 54000                                | 2.9    |                                                                                    |          |    |        |           |                                                                                     |

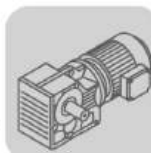


| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |        | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 9.2        |               | 4750       |        | 35100                                |        |                                                                                    |          |    |        | 220       |                                                                                     |
|            | 18            | 4300       | 77.89* | 35100                                | 0.90   | K                                                                                  | 97       | DV | 132ML4 | 220       | 469                                                                                 |
|            | 20            | 3820       | 70.54  | 35100                                | 1.00   | KF                                                                                 | 97       | DV | 132ML4 | 240       | 470                                                                                 |
|            | 23            | 3450       | 62.55  | 34900                                | 1.15   | KA                                                                                 | 97       | DV | 132ML4 | 200       | 471                                                                                 |
|            | 25            | 2920       | 56.55  | 34400                                | 1.25   | KAF                                                                                | 97       | DV | 132ML4 | 225       | 470                                                                                 |
|            | 30            | 2550       | 47.93* | 34000                                | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 34            | 2340       | 41.87  | 33600                                | 1.70   |                                                                                    |          |    |        |           |                                                                                     |
|            | 38            | 2090       | 38.30  | 33100                                | 2.1    | K                                                                                  | 97       | DV | 132ML4 | 220       | 469                                                                                 |
|            | 42            | 1880       | 34.23  | 32500                                | 2.3    | KF                                                                                 | 97       | DV | 132ML4 | 240       | 470                                                                                 |
|            | 47            | 1700       | 30.82  | 32000                                | 2.5    | KA                                                                                 | 97       | DV | 132ML4 | 200       | 471                                                                                 |
|            | 52            | 1510       | 27.91  | 31300                                | 2.9    | KAF                                                                                | 97       | DV | 132ML4 | 225       | 470                                                                                 |
|            | 58            | 3000       | 24.75  | 22000                                | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 29            | 2690       | 49.16  | 22200                                | 0.95   | K                                                                                  | 87       | DV | 132ML4 | 160       | 464                                                                                 |
|            | 33            | 2230       | 44.02  | 22200                                | 1.10   | KF                                                                                 | 87       | DV | 132ML4 | 170       | 465                                                                                 |
|            | 39            | 1910       | 36.52* | 22100                                | 1.40   | KA                                                                                 | 87       | DV | 132ML4 | 150       | 466                                                                                 |
|            | 46            | 1700       | 31.39  | 21900                                | 1.55   | KAF                                                                                | 87       | DV | 132ML4 | 160       | 465                                                                                 |
|            | 52            | 1520       | 27.88  | 21700                                | 1.65   |                                                                                    |          |    |        |           |                                                                                     |
|            | 58            | 1370       | 24.92  | 21400                                | 1.70   |                                                                                    |          |    |        |           |                                                                                     |
|            | 64            | 1190       | 22.41  | 21000                                | 1.95   |                                                                                    |          |    |        |           |                                                                                     |
|            | 74            | 1060       | 19.45  | 20700                                | 2.1    | K                                                                                  | 87       | DV | 132ML4 | 160       | 464                                                                                 |
|            | 83            | 980        | 17.42  | 19700                                | 1.85   | KF                                                                                 | 87       | DV | 132ML4 | 170       | 465                                                                                 |
|            | 90            | 880        | 16.00  | 20000                                | 2.4    | KA                                                                                 | 87       | DV | 132ML4 | 150       | 466                                                                                 |
|            | 100           | 765        | 14.45  | 19500                                | 2.6    | KAF                                                                                | 87       | DV | 132ML4 | 160       | 465                                                                                 |
|            | 115           | 680        | 12.56  | 18600                                | 2.2    |                                                                                    |          |    |        |           |                                                                                     |
|            | 129           | 610        | 11.17  | 18200                                | 2.5    |                                                                                    |          |    |        |           |                                                                                     |
|            | 144           | 1410       | 10.00  | 16300                                | 1.10   |                                                                                    |          |    |        |           |                                                                                     |
|            | 62            | 1240       | 23.08  | 17300                                | 1.20   | K                                                                                  | 77       | DV | 132ML4 | 125       | 459                                                                                 |
|            | 71            | 1090       | 20.25  | 17600                                | 1.35   | KF                                                                                 | 77       | DV | 132ML4 | 135       | 460                                                                                 |
|            | 81            | 970        | 17.87  | 17400                                | 1.45   | KA                                                                                 | 77       | DV | 132ML4 | 120       | 461                                                                                 |
|            | 91            | 820        | 15.84  | 17000                                | 1.60   | KAF                                                                                | 77       | DV | 132ML4 | 125       | 460                                                                                 |
|            | 107           | 755        | 13.52  | 16300                                | 1.35   |                                                                                    |          |    |        |           |                                                                                     |
|            | 117           | 660        | 12.36  | 16000                                | 1.50   | K                                                                                  | 77       | DV | 132ML4 | 125       | 459                                                                                 |
|            | 133           | 585        | 10.84  | 15700                                | 1.60   | KF                                                                                 | 77       | DV | 132ML4 | 135       | 460                                                                                 |
|            | 151           | 515        | 9.56   | 15400                                | 1.70   | KA                                                                                 | 77       | DV | 132ML4 | 120       | 461                                                                                 |
|            | 170           | 440        | 8.48   | 14900                                | 1.85   | KAF                                                                                | 77       | DV | 132ML4 | 125       | 460                                                                                 |
|            | 199           | 56000      | 7.24   | 190000                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
| 11.0       | 1.7           | 48700      | 835    | 190000                               | 1.05   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.0           | 41600      | 729    | 190000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.3           | 35200      | 622    | 190000                               | 1.40   | K                                                                                  | 187 R107 | DV | 160M4  | 1870      | 490                                                                                 |
|            | 2.8           | 30700      | 520    | 190000                               | 1.65   | KH                                                                                 | 187 R107 | DV | 160M4  | 1810      | 490                                                                                 |
|            | 3.2           | 23700      | 454    | 190000                               | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 4.0           | 49800      | 355    | 190000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 1.9           | 41800      | 738    | 190000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.3           | 35400      | 621    | 190000                               | 1.40   | K                                                                                  | 187 R97  | DV | 160M4  | 1830      | 490                                                                                 |
|            | 2.7           | 21500      | 527    | 150000                               | 1.50   | KH                                                                                 | 187 R97  | DV | 160M4  | 1760      | 490                                                                                 |
|            | 4.5           | 18800      | 318    | 150000                               | 1.70   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.2           | 16200      | 278    | 150000                               | 1.95   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.9           | 14200      | 244    | 150000                               | 2.3    | K                                                                                  | 167 R107 | DV | 160M4  | 1290      | 490                                                                                 |
|            | 6.8           | 13800      | 213    | 150000                               | 2.3    | KH                                                                                 | 167 R107 | DV | 160M4  | 1250      | 490                                                                                 |
|            | 7.0           | 37600      | 206    | 150000                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.6           | 32400      | 561    | 150000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.0           | 28400      | 481    | 150000                               | 1.15   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.4           | 24800      | 423    | 150000                               | 1.30   | K                                                                                  | 167 R97  | DV | 160M4  | 1250      | 490                                                                                 |
|            | 3.9           | 22400      | 369    | 109700                               | 0.80   | KH                                                                                 | 167 R97  | DV | 160M4  | 1210      | 490                                                                                 |
|            | 4.3           | 19500      | 333    | 111400                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.0           |            | 291    |                                      |        | K                                                                                  | 157 R97  | DV | 160M4  | 850       | 490                                                                                 |
|            |               |            |        |                                      |        | KF                                                                                 | 157 R97  | DV | 160M4  | 930       | 490                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 157 R97  | DV | 160M4  | 820       | 490                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 157 R97  | DV | 160M4  | 870       | 490                                                                                 |
|            | 6.8           | 14400      | 213    | 77200                                | 0.90   | K                                                                                  | 127 R87  | DV | 160M4  | 560       | 490                                                                                 |
|            | 7.2           | 13700      | 200    | 78600                                | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 8.7           | 11300      | 166    | 80100                                | 1.05   | KF                                                                                 | 127 R87  | DV | 160M4  | 600       | 490                                                                                 |
|            | 9.8           | 10000      | 147    | 80700                                | 1.20   | KA                                                                                 | 127 R87  | DV | 160M4  | 530       | 490                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 127 R87  | DV | 160M4  | 570       | 490                                                                                 |
|            | 5.3           | 19700      | 134.99 | 150000                               | 1.60   | K                                                                                  | 167      | DV | 180L8  | 1200      | 486                                                                                 |
|            | 6.6           | 16000      | 109.83 | 150000                               | 2.0    | KH                                                                                 | 167      | DV | 180L8  | 1160      | 487                                                                                 |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i       | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |     |    |       | m<br>[kg] |  |
|------------|---------------|------------|---------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----|----|-------|-----------|-------------------------------------------------------------------------------------|
| 11.0       |               | 18000      |         | 150000                               |        |                                                                                    |     |    |       | 1160      |                                                                                     |
|            | 5.8           | 14800      | 164.50  | 150000                               | 1.80   | K                                                                                  | 167 | DV | 160L6 | 1120      | 486                                                                                 |
|            | 7.1           | 12000      | 134.99  | 150000                               | 2.2    | KH                                                                                 | 167 | DV | 160L6 | 1130      | 487                                                                                 |
|            | 8.8           | 9850       | 164.50  | 150000                               | 2.7    | K                                                                                  | 167 | DV | 160M4 | 1090      | 486                                                                                 |
|            | 11            | 17900      | 134.99  | 150000                               | 3.3    | KH                                                                                 | 167 | DV | 160M4 | 800       | 487                                                                                 |
|            |               |            | 122.39  | 112300                               | 1.00   | K                                                                                  | 157 | DV | 180L8 | 880       | 482                                                                                 |
|            | 5.9           | 14600      | 100.22  | 113700                               | 1.25   | KF                                                                                 | 157 | DV | 180L8 | 770       | 483                                                                                 |
|            | 7.2           | 13400      | 91.65   | 114200                               | 1.35   | KA                                                                                 | 157 | DV | 180L8 | 830       | 484                                                                                 |
|            | 7.9           | 11600      | 79.75   | 114800                               | 1.55   | KAF                                                                                | 157 | DV | 180L8 | 770       | 483                                                                                 |
|            | 9.0           | 16500      |         | 112900                               | 1.10   | K                                                                                  | 157 | DV | 160L6 | 850       | 482                                                                                 |
|            | 6.4           | 13400      | 122.39  | 114200                               | 1.35   | KF                                                                                 | 157 | DV | 160L6 | 730       | 483                                                                                 |
|            | 7.8           | 11000      | 100.22  | 115000                               | 1.65   | KA                                                                                 | 157 | DV | 160L6 | 790       | 484                                                                                 |
|            | 9.6           | 10000      | 91.65   | 115300                               | 1.80   | KAF                                                                                | 157 | DV | 160L6 | 730       | 483                                                                                 |
|            | 10            | 8730       | 79.75   | 115600                               | 2.1    | K                                                                                  | 157 | DV | 160M4 | 810       | 482                                                                                 |
|            | 12            | 11000      | 150.41  | 115000                               | 1.65   | KF                                                                                 | 157 | DV | 160M4 | 700       | 483                                                                                 |
|            | 9.6           | 8930       | 122.39  | 115600                               | 2.0    | KA                                                                                 | 157 | DV | 160M4 | 760       | 484                                                                                 |
|            | 12            | 7310       | 100.22  | 115900                               | 2.5    | KAF                                                                                | 157 | DV | 160M4 |           | 483                                                                                 |
|            | 14            | 6690       | 91.65   | 116000                               | 2.7    |                                                                                    |     |    |       |           |                                                                                     |
|            | 16            | 9930       |         | 80700                                | 1.30   |                                                                                    |     |    |       |           |                                                                                     |
|            | 11            | 8930       | 136.14  | 81100                                | 1.45   | K                                                                                  | 127 | DV | 160M4 | 495       | 478                                                                                 |
|            | 12            | 8040       | 122.48  | 81400                                | 1.60   | KF                                                                                 | 127 | DV | 160M4 | 540       | 479                                                                                 |
|            | 13            | 6560       | 110.18  | 81900                                | 2.0    | KA                                                                                 | 127 | DV | 160M4 | 465       | 480                                                                                 |
|            | 16            | 5980       | 89.89   | 82100                                | 2.2    | KAF                                                                                | 127 | DV | 160M4 | 500       | 479                                                                                 |
|            | 18            | 5180       | 81.98   | 82300                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 20            | 8200       | 70.95*  | 58400                                | 1.00   |                                                                                    |     |    |       |           |                                                                                     |
|            | 13            | 7350       | 112.41* | 58300                                | 1.10   | K                                                                                  | 107 | DV | 160M4 | 340       | 474                                                                                 |
|            | 14            | 6630       | 100.75  | 58000                                | 1.20   | KF                                                                                 | 107 | DV | 160M4 | 350       | 475                                                                                 |
|            | 16            | 6030       | 90.96*  | 57500                                | 1.35   | KA                                                                                 | 107 | DV | 160M4 | 310       | 476                                                                                 |
|            | 17            | 5350       | 82.61   | 56900                                | 1.50   | KAF                                                                                | 107 | DV | 160M4 | 340       | 475                                                                                 |
|            | 20            | 4850       | 73.30   | 56200                                | 1.65   | K                                                                                  | 107 | DV | 160M4 | 350       | 474                                                                                 |
|            | 22            | 4170       | 66.52*  | 55100                                | 1.90   | KF                                                                                 | 107 | DV | 160M4 | 310       | 475                                                                                 |
|            | 25            | 3640       | 57.17*  | 54000                                | 2.2    | KA                                                                                 | 107 | DV | 160M4 | 335       | 476                                                                                 |
|            | 29            | 3090       | 49.90   | 52500                                | 2.4    | KAF                                                                                | 107 | DV | 160M4 |           | 475                                                                                 |
|            | 34            | 2700       | 42.33*  | 51200                                | 2.7    |                                                                                    |     |    |       |           |                                                                                     |
|            | 39            | 5150       | 37.00*  | 32200                                | 0.85   |                                                                                    |     |    |       |           |                                                                                     |
|            | 20            | 4560       | 70.54   | 32500                                | 0.95   | K                                                                                  | 97  | DV | 160M4 | 225       | 469                                                                                 |
|            | 23            | 4130       | 62.55   | 32500                                | 1.05   | KF                                                                                 | 97  | DV | 160M4 | 245       | 470                                                                                 |
|            | 25            | 3500       | 56.55   | 32500                                | 1.25   | KA                                                                                 | 97  | DV | 160M4 | 205       | 471                                                                                 |
|            | 30            | 3050       | 47.93*  | 32200                                | 1.40   | KAF                                                                                | 97  | DV | 160M4 | 230       | 470                                                                                 |
|            | 34            | 2790       | 41.87   | 32000                                | 1.55   |                                                                                    |     |    |       |           |                                                                                     |
|            | 38            | 2500       | 38.30   | 31600                                | 1.70   | K                                                                                  | 97  | DV | 160M4 | 225       | 469                                                                                 |
|            | 42            | 2250       | 34.23   | 31300                                | 1.90   | KF                                                                                 | 97  | DV | 160M4 | 245       | 470                                                                                 |
|            | 47            | 2040       | 30.82   | 30800                                | 2.1    | KA                                                                                 | 97  | DV | 160M4 | 205       | 471                                                                                 |
|            | 52            | 1800       | 27.91   | 30300                                | 2.4    | KAF                                                                                | 97  | DV | 160M4 | 230       | 470                                                                                 |
|            | 58            | 1630       | 24.75   | 29800                                | 2.6    |                                                                                    |     |    |       |           |                                                                                     |
|            | 64            | 3210       | 22.37   | 20000                                | 0.80   |                                                                                    |     |    |       |           |                                                                                     |
|            | 33            | 2660       | 44.02   | 20400                                | 0.95   | K                                                                                  | 87  | DV | 160M4 | 165       | 464                                                                                 |
|            | 39            | 2290       | 36.52*  | 20600                                | 1.20   | KF                                                                                 | 87  | DV | 160M4 | 175       | 465                                                                                 |
|            | 46            | 2030       | 31.39   | 20600                                | 1.30   | KA                                                                                 | 87  | DV | 160M4 | 155       | 466                                                                                 |
|            | 52            | 1820       | 27.88   | 20500                                | 1.40   | KAF                                                                                | 87  | DV | 160M4 | 165       | 465                                                                                 |
|            | 58            | 1630       | 24.92   | 20300                                | 1.40   |                                                                                    |     |    |       |           |                                                                                     |
|            | 64            | 1420       | 22.41   | 20100                                | 1.60   |                                                                                    |     |    |       |           |                                                                                     |
|            | 74            | 1270       | 19.45   | 19800                                | 1.75   |                                                                                    |     |    |       |           |                                                                                     |
|            | 83            | 1170       | 17.42   | 18800                                | 1.55   |                                                                                    |     |    |       |           |                                                                                     |
|            | 90            | 1050       | 16.00   | 19400                                | 2.0    | K                                                                                  | 87  | DV | 160M4 | 165       | 464                                                                                 |
|            | 100           | 920        | 14.45   | 18900                                | 2.2    | KF                                                                                 | 87  | DV | 160M4 | 175       | 465                                                                                 |
|            | 115           | 810        | 12.56   | 18000                                | 1.85   | KA                                                                                 | 87  | DV | 160M4 | 155       | 466                                                                                 |
|            | 129           | 730        | 11.17   | 17700                                | 2.1    | KAF                                                                                | 87  | DV | 160M4 | 165       | 465                                                                                 |
|            | 144           | 605        | 10.00   | 17100                                | 2.3    |                                                                                    |     |    |       |           |                                                                                     |
|            | 174           | 525        | 8.29    | 16700                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 200           |            | 7.21    |                                      |        |                                                                                    |     |    |       |           |                                                                                     |



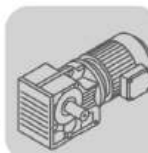
| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 11.0       |               | 1680       |        | 14400                                |        |                                                                                    |          |    |       |           |                                                                                     |
|            | 62            | 1480       | 23.08  | 15900                                | 0.90   |                                                                                    |          |    |       |           |                                                                                     |
|            | 71            | 1300       | 20.25  | 16600                                | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 81            | 1160       | 17.87  | 16500                                | 1.10   |                                                                                    |          |    |       |           |                                                                                     |
|            | 91            | 990        | 15.84  | 16300                                | 1.20   | K                                                                                  | 77       | DV | 160M4 | 130       | 459                                                                                 |
|            | 107           | 900        | 13.52  | 15500                                | 1.35   | KF                                                                                 | 77       | DV | 160M4 | 135       | 460                                                                                 |
|            | 117           | 790        | 12.36  | 15300                                | 1.10   | KA                                                                                 | 77       | DV | 160M4 | 120       | 461                                                                                 |
|            | 133           | 700        | 10.84  | 15100                                | 1.25   | KAF                                                                                | 77       | DV | 160M4 | 130       | 460                                                                                 |
|            | 151           | 620        | 9.56   | 14800                                | 1.45   |                                                                                    |          |    |       |           |                                                                                     |
|            | 170           | 530        | 8.48   | 14500                                | 1.55   |                                                                                    |          |    |       |           |                                                                                     |
|            | 199           | 56200      | 7.24   | 190000                               | 0.90   |                                                                                    |          |    |       |           |                                                                                     |
| 15.0       | 2.4           | 47600      | 622    | 190000                               | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 2.8           | 41400      | 520    | 190000                               | 1.20   |                                                                                    |          |    |       |           |                                                                                     |
|            | 3.2           | 32000      | 454    | 190000                               | 1.55   | K                                                                                  | 187 R107 | DV | 160L4 | 1920      | 490                                                                                 |
|            | 4.1           | 23800      | 355    | 190000                               | 2.1    | KH                                                                                 | 187 R107 | DV | 160L4 | 1850      | 490                                                                                 |
|            | 5.6           | 29100      | 261    | 150000                               | 1.10   |                                                                                    |          |    |       |           |                                                                                     |
|            | 4.6           | 25300      | 318    | 150000                               | 1.25   |                                                                                    |          |    |       |           |                                                                                     |
|            | 5.3           | 22000      | 278    | 150000                               | 1.45   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.0           | 19200      | 244    | 150000                               | 1.65   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.9           | 18700      | 213    | 150000                               | 1.70   | K                                                                                  | 167 R107 | DV | 160L4 | 1330      | 490                                                                                 |
|            | 7.1           | 16100      | 206    | 150000                               | 2.0    | KH                                                                                 | 167 R107 | DV | 160L4 | 1300      | 490                                                                                 |
|            | 8.1           | 14600      | 180    | 150000                               | 2.2    |                                                                                    |          |    |       |           |                                                                                     |
|            | 9.2           | 20600      | 160    | 110800                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.3           | 19400      | 230    | 111500                               | 0.95   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.9           | 16700      | 213    | 112800                               | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 7.8           | 14200      | 187    | 113900                               | 1.25   | K                                                                                  | 157 R107 | DV | 160L4 | 940       | 490                                                                                 |
|            | 9.3           | 11100      | 157    | 115000                               | 1.60   | KF                                                                                 | 157 R107 | DV | 160L4 | 1020      | 490                                                                                 |
|            | 12            | 9710       | 122    | 115400                               | 1.85   | KA                                                                                 | 157 R107 | DV | 160L4 | 900       | 490                                                                                 |
|            | 14            | 26600      | 107    | 190000                               | 1.90   | KAF                                                                                | 157 R107 | DV | 160L4 | 960       | 490                                                                                 |
|            | 5.4           | 24400      |        | 190000                               | 2.1    | K                                                                                  | 187      | DV | 180L6 | 1780      | 488                                                                                 |
|            | 5.9           | 19900      |        | 150000                               | 1.60   | KH                                                                                 | 187      | DV | 180L6 | 1710      | 489                                                                                 |
|            | 7.2           | 16200      |        | 150000                               | 1.95   | K                                                                                  | 167      | DV | 180L6 | 1200      | 486                                                                                 |
|            | 8.8           | 16100      |        | 150000                               | 2.0    | KH                                                                                 | 167      | DV | 180L6 | 1160      | 487                                                                                 |
|            | 8.9           | 13200      |        | 150000                               | 2.4    | K                                                                                  | 167      | DV | 160L4 | 1160      | 486                                                                                 |
|            | 11            | 18100      |        | 112200                               | 1.00   | KH                                                                                 | 167      | DV | 160L4 | 1120      | 487                                                                                 |
|            | 7.9           | 14800      |        | 113700                               | 1.20   | K                                                                                  | 157      | DV | 180L6 | 800       | 482                                                                                 |
|            | 9.7           | 13500      |        | 114100                               | 1.35   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 11800      | 100.22 | 114800                               | 1.55   | KF                                                                                 | 157      | DV | 180L6 | 880       | 483                                                                                 |
|            | 12            | 10400      | 91.65  | 115200                               | 1.75   | KA                                                                                 | 157      | DV | 180L6 | 770       | 484                                                                                 |
|            | 14            | 14800      | 79.75  | 113700                               | 1.20   | KAF                                                                                | 157      | DV | 180L6 | 830       | 483                                                                                 |
|            | 9.7           | 12000      | 70.38  | 114700                               | 1.50   | K                                                                                  | 157      | DV | 160L4 | 770       | 482                                                                                 |
|            | 12            | 9830       | 150.41 | 114200                               | 1.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 15            | 8990       | 122.39 | 112500                               | 2.0    | KF                                                                                 | 157      | DV | 160L4 | 850       | 483                                                                                 |
|            | 16            | 7820       | 100.22 | 109600                               | 2.3    | KA                                                                                 | 157      | DV | 160L4 | 730       | 484                                                                                 |
|            | 18            | 13400      | 91.65  | 79000                                | 0.95   | KAF                                                                                | 157      | DV | 160L4 | 790       | 483                                                                                 |
|            | 11            | 12000      | 79.75  | 79700                                | 1.10   | K                                                                                  | 127      | DV | 160L4 | 530       | 478                                                                                 |
|            | 12            | 10800      | 136.14 | 80300                                | 1.20   | KF                                                                                 | 127      | DV | 160L4 | 570       | 479                                                                                 |
|            | 13            |            | 122.48 |                                      |        | KA                                                                                 | 127      | DV | 160L4 | 500       | 480                                                                                 |
|            |               |            | 110.18 |                                      |        | KAF                                                                                | 127      | DV | 160L4 | 540       | 479                                                                                 |
|            | 16            | 8820       | 89.89  | 81200                                | 1.45   |                                                                                    |          |    |       |           |                                                                                     |
|            | 18            | 8040       | 81.98  | 81400                                | 1.60   | K                                                                                  | 127      | DV | 160L4 | 530       | 478                                                                                 |
|            | 21            | 6960       | 70.95* | 81600                                | 1.85   | KF                                                                                 | 127      | DV | 160L4 | 570       | 479                                                                                 |
|            | 23            | 6140       | 62.60  | 80000                                | 2.1    | KA                                                                                 | 127      | DV | 160L4 | 500       | 480                                                                                 |
|            | 27            | 5300       | 54.07  | 78000                                | 2.5    | KAF                                                                                | 127      | DV | 160L4 | 540       | 479                                                                                 |
|            | 31            | 4690       | 47.82  | 76200                                | 2.8    |                                                                                    |          |    |       |           |                                                                                     |

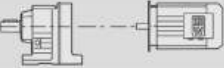


# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |        | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 15.0       |               | 8920       |        | 50900                                |        |                                                                                    |          |    |        | 380       |                                                                                     |
|            | 16            | 8110       | 90.96* | 51100                                | 0.90   | K                                                                                  | 107      | DV | 160L4  | 380       | 474                                                                                 |
|            | 18            | 7190       | 82.61  | 51200                                | 1.00   | KF                                                                                 | 107      | DV | 160L4  | 390       | 475                                                                                 |
|            | 20            | 6530       | 73.30  | 51000                                | 1.10   | KA                                                                                 | 107      | DV | 160L4  | 350       | 476                                                                                 |
|            | 22            | 5610       | 66.52* | 50600                                | 1.25   | KAF                                                                                | 107      | DV | 160L4  | 375       | 475                                                                                 |
|            | 26            | 4900       | 57.17* | 50000                                | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 29            | 4150       | 49.90  | 49100                                | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 34            | 3630       | 42.33* | 48200                                | 1.75   | K                                                                                  | 107      | DV | 160L4  | 380       | 474                                                                                 |
|            | 39            | 3210       | 37.00* | 47300                                | 2.0    | KF                                                                                 | 107      | DV | 160L4  | 390       | 475                                                                                 |
|            | 45            | 3070       | 32.69  | 47000                                | 2.3    | KA                                                                                 | 107      | DV | 160L4  | 350       | 476                                                                                 |
|            | 47            | 2840       | 31.28* | 46400                                | 2.2    | KAF                                                                                | 107      | DV | 160L4  | 375       | 475                                                                                 |
|            | 50            | 4700       | 29.00  | 28100                                | 2.5    |                                                                                    |          |    |        |           |                                                                                     |
|            | 30            | 4110       | 47.93* | 28400                                | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 35            | 3760       | 41.87  | 28500                                | 1.05   | K                                                                                  | 97       | DV | 160L4  | 265       | 469                                                                                 |
|            | 38            | 3360       | 38.30  | 28500                                | 1.15   | KF                                                                                 | 97       | DV | 160L4  | 285       | 470                                                                                 |
|            | 43            | 3020       | 34.23  | 28400                                | 1.30   | KA                                                                                 | 97       | DV | 160L4  | 245       | 471                                                                                 |
|            | 47            | 2740       | 30.82  | 28300                                | 1.40   | KAF                                                                                | 97       | DV | 160L4  | 270       | 470                                                                                 |
|            | 52            | 2430       | 27.91  | 28000                                | 1.55   |                                                                                    |          |    |        |           |                                                                                     |
|            | 59            | 2190       | 24.75  | 27700                                | 1.75   | K                                                                                  | 97       | DV | 160L4  | 265       | 469                                                                                 |
|            | 65            | 1860       | 22.37  | 27200                                | 1.95   | KF                                                                                 | 97       | DV | 160L4  | 285       | 470                                                                                 |
|            | 77            | 1620       | 18.96  | 26600                                | 2.3    | KA                                                                                 | 97       | DV | 160L4  | 245       | 471                                                                                 |
|            | 88            | 3080       | 16.56  | 17300                                | 2.7    | KAF                                                                                | 97       | DV | 160L4  | 270       | 470                                                                                 |
|            | 47            | 2730       | 31.39  | 17600                                | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 52            | 2440       | 27.88  | 17800                                | 0.95   |                                                                                    |          |    |        |           |                                                                                     |
|            | 59            | 2200       | 24.92  | 18000                                | 1.00   | K                                                                                  | 87       | DV | 160L4  | 205       | 464                                                                                 |
|            | 65            | 1910       | 22.41  | 18000                                | 1.05   | KF                                                                                 | 87       | DV | 160L4  | 215       | 465                                                                                 |
|            | 75            | 1710       | 19.45  | 18000                                | 1.20   | KA                                                                                 | 87       | DV | 160L4  | 190       | 466                                                                                 |
|            | 84            | 1570       | 17.42  | 16800                                | 1.30   | KAF                                                                                | 87       | DV | 160L4  | 205       | 465                                                                                 |
|            | 91            | 1420       | 16.00  | 17800                                | 1.15   |                                                                                    |          |    |        |           |                                                                                     |
|            | 101           | 1230       | 14.45  | 17600                                | 1.50   |                                                                                    |          |    |        |           |                                                                                     |
|            | 116           | 1100       | 12.56  | 16600                                | 1.60   | K                                                                                  | 87       | DV | 160L4  | 205       | 464                                                                                 |
|            | 131           | 980        | 11.17  | 16400                                | 1.35   | KF                                                                                 | 87       | DV | 160L4  | 215       | 465                                                                                 |
|            | 146           | 810        | 10.00  | 16000                                | 1.55   | KA                                                                                 | 87       | DV | 160L4  | 190       | 466                                                                                 |
|            | 176           | 705        |        | 15700                                | 1.70   | KAF                                                                                | 87       | DV | 160L4  | 205       | 465                                                                                 |
|            | 202           | 58600      | 8.29   | 190000                               | 1.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 2.8           | 51100      | 7.21   | 190000                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
| 18.5       | 3.2           | 39500      | 520    | 190000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 4.1           | 29400      | 454    | 190000                               | 1.25   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.6           | 24800      | 355    | 190000                               | 1.70   | K                                                                                  | 187 R107 | DV | 180M4  | 1940      | 490                                                                                 |
|            | 6.6           | 35800      | 261    | 150000                               | 2.0    | KH                                                                                 | 187 R107 | DV | 180M4  | 1870      | 490                                                                                 |
|            | 4.6           | 31200      | 221    | 150000                               | 0.90   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.3           | 27100      | 318    | 150000                               | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 6.0           | 23600      | 278    | 150000                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 6.9           | 23000      | 244    | 150000                               | 1.35   |                                                                                    |          |    |        |           |                                                                                     |
|            | 7.1           | 19900      | 213    | 150000                               | 1.40   |                                                                                    |          |    |        |           |                                                                                     |
|            | 8.1           | 18000      | 206    | 150000                               | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 9.2           | 15200      | 180    | 150000                               | 1.80   | K                                                                                  | 167 R107 | DV | 180M4  | 1350      | 490                                                                                 |
|            | 11            | 13200      | 160    | 150000                               | 2.1    | KH                                                                                 | 167 R107 | DV | 180M4  | 1320      | 490                                                                                 |
|            | 12            | 20700      | 135    | 110700                               | 2.4    |                                                                                    |          |    |        |           |                                                                                     |
|            | 7.8           | 17500      | 118    | 112400                               | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 9.3           | 13700      | 187    | 113900                               | 1.05   |                                                                                    |          |    |        |           |                                                                                     |
|            | 12            | 12000      | 157    | 112000                               | 1.30   |                                                                                    |          |    |        |           |                                                                                     |
|            | 14            | 32800      | 122    | 190000                               | 1.50   | K                                                                                  | 157 R107 | DV | 180M4  | 960       | 490                                                                                 |
|            | 5.4           | 30100      | 107    | 190000                               | 1.55   | KF                                                                                 | 157 R107 | DV | 180M4  | 1040      | 490                                                                                 |
|            | 5.9           | 26300      |        | 190000                               | 1.65   | KA                                                                                 | 157 R107 | DV | 180M4  | 920       | 490                                                                                 |
|            | 6.7           | 23600      | 179.86 | 190000                               | 1.90   | KAF                                                                                | 157 R107 | DV | 180M4  | 980       | 490                                                                                 |
|            | 7.5           | 21700      | 165.21 | 190000                               | 2.1    |                                                                                    |          |    |        |           |                                                                                     |
|            | 8.2           | 19900      | 144.59 | 190000                               | 2.3    | K                                                                                  | 187      | DV | 200LS6 | 1850      | 488                                                                                 |
|            | 8.9           | 17400      | 129.69 | 190000                               | 2.5    | KH                                                                                 | 187      | DV | 200LS6 | 1780      | 489                                                                                 |
|            | 10            | 15600      | 179.86 | 190000                               | 2.9    |                                                                                    |          |    |        |           |                                                                                     |
|            | 11            | 16300      | 165.21 | 150000                               | 3.2    |                                                                                    |          |    |        |           |                                                                                     |
|            | 11            | 13200      | 144.59 | 150000                               | 1.95   | K                                                                                  | 187      | DV | 180M4  | 1770      | 488                                                                                 |
|            | 13            | 10600      | 129.69 | 150000                               | 2.4    | KH                                                                                 | 187      | DV | 180M4  | 1700      | 489                                                                                 |
|            | 17            |            | 134.99 | 150000                               | 3.0    |                                                                                    |          |    |        |           |                                                                                     |
|            |               |            | 109.83 |                                      |        | K                                                                                  | 167      | DV | 180M4  | 118       | 486                                                                                 |
|            |               |            | 87.86  |                                      |        | KH                                                                                 | 167      | DV | 180M4  | 0         | 487                                                                                 |

0



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |        | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 18.5       | 9.7           | 18300      | 100.22 | 112100                               | 1.00   | K                                                                                  | 157      | DV | 200LS6 | 870       | 482                                                                                 |
|            | 11            | 16700      | 91.65  | 112800                               | 1.10   | KF                                                                                 | 157      | DV | 200LS6 | 950       | 483                                                                                 |
|            | 12            | 14500      | 79.75  | 111500                               | 1.25   | KA                                                                                 | 157      | DV | 200LS6 | 830       | 484                                                                                 |
|            | 14            | 12800      | 70.38  | 109900                               | 1.40   | KAF                                                                                | 157      | DV | 200LS6 | 890       | 483                                                                                 |
|            | 12            | 14800      | 122.39 | 111600                               | 1.20   |                                                                                    |          |    |        |           |                                                                                     |
|            | 15            | 12100      | 100.22 | 109100                               | 1.50   |                                                                                    |          |    |        |           |                                                                                     |
|            | 16            | 11100      | 91.65  | 107800                               | 1.65   |                                                                                    |          |    |        |           |                                                                                     |
|            | 18            | 9620       | 79.75  | 105600                               | 1.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 21            | 8490       | 70.38  | 103400                               | 2.1    | K                                                                                  | 157      | DV | 180M4  | 790       | 482                                                                                 |
|            | 24            | 7360       | 61.02  | 100700                               | 2.5    | KF                                                                                 | 157      | DV | 180M4  | 870       | 483                                                                                 |
|            | 27            | 6550       | 54.29  | 98500                                | 2.8    | KA                                                                                 | 157      | DV | 180M4  | 750       | 484                                                                                 |
|            | 31            | 5640       | 46.79  | 95500                                | 3.2    | KAF                                                                                | 157      | DV | 180M4  | 810       | 483                                                                                 |
|            | 39            | 4580       | 38.02  | 91300                                | 3.9    |                                                                                    |          |    |        |           |                                                                                     |
|            | 13            | 13300      | 110.18 | 79000                                | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 16            | 10800      | 89.89  | 79000                                | 1.20   | K                                                                                  | 127      | DV | 180M4  | 550       | 478                                                                                 |
|            | 18            | 9890       | 81.98  | 78500                                | 1.30   | KF                                                                                 | 127      | DV | 180M4  | 600       | 479                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 127      | DV | 180M4  | 520       | 480                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 127      | DV | 180M4  | 560       | 479                                                                                 |
|            | 21            | 8560       | 70.95* | 77500                                | 1.50   |                                                                                    |          |    |        |           |                                                                                     |
|            | 23            | 7550       | 62.60  | 76400                                | 1.70   |                                                                                    |          |    |        |           |                                                                                     |
|            | 27            | 6520       | 54.07  | 74800                                | 2.0    | K                                                                                  | 127      | DV | 180M4  | 550       | 478                                                                                 |
|            | 31            | 5770       | 47.82  | 73400                                | 2.3    | KF                                                                                 | 127      | DV | 180M4  | 600       | 479                                                                                 |
|            | 36            | 4850       | 40.19  | 71300                                | 2.7    | KA                                                                                 | 127      | DV | 180M4  | 520       | 480                                                                                 |
|            | 40            | 4370       | 36.25  | 69900                                | 3.0    | KAF                                                                                | 127      | DV | 180M4  | 560       | 479                                                                                 |
|            | 47            | 3780       | 31.37  | 68000                                | 3.4    |                                                                                    |          |    |        |           |                                                                                     |
|            | 53            | 3340       | 27.68  | 66200                                | 3.9    |                                                                                    |          |    |        |           |                                                                                     |
|            | 20            | 8840       | 73.30  | 46300                                | 0.90   | K                                                                                  | 107      | DV | 180M4  | 400       | 474                                                                                 |
|            | 22            | 8020       | 66.52* | 46600                                | 1.00   | KF                                                                                 | 107      | DV | 180M4  | 410       | 475                                                                                 |
|            | 26            | 6890       | 57.17* | 46800                                | 1.15   | KA                                                                                 | 107      | DV | 180M4  | 375       | 476                                                                                 |
|            | 29            | 6020       | 49.90  | 46700                                | 1.30   | KAF                                                                                | 107      | DV | 180M4  | 395       | 475                                                                                 |
|            | 35            | 5100       | 42.33* | 46300                                | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 40            | 4460       | 37.00* | 45700                                | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 45            | 3940       | 32.69  | 45100                                | 1.85   | K                                                                                  | 107      | DV | 180M4  | 400       | 474                                                                                 |
|            | 47            | 3770       | 31.28* | 44900                                | 1.80   | KF                                                                                 | 107      | DV | 180M4  | 410       | 475                                                                                 |
|            | 51            | 3500       | 29.00  | 44400                                | 2.1    | KA                                                                                 | 107      | DV | 180M4  | 375       | 476                                                                                 |
|            | 56            | 3170       | 26.32  | 43800                                | 2.3    | KAF                                                                                | 107      | DV | 180M4  | 395       | 475                                                                                 |
|            | 65            | 2730       | 22.62  | 42700                                | 2.6    |                                                                                    |          |    |        |           |                                                                                     |
|            | 74            | 2380       | 19.74  | 41700                                | 3.0    |                                                                                    |          |    |        |           |                                                                                     |
|            | 88            | 2020       | 16.75  | 40400                                | 3.5    |                                                                                    |          |    |        |           |                                                                                     |
|            | 35            | 5050       | 41.87  | 25100                                | 0.85   | K                                                                                  | 97       | DV | 180M4  | 285       | 469                                                                                 |
|            | 48            | 3720       | 30.82  | 26000                                | 1.15   | KF                                                                                 | 97       | DV | 180M4  | 305       | 470                                                                                 |
|            | 53            | 3360       | 27.91  | 26000                                | 1.30   | KA                                                                                 | 97       | DV | 180M4  | 270       | 471                                                                                 |
|            | 59            | 2980       | 24.75  | 26000                                | 1.45   | KAF                                                                                | 97       | DV | 180M4  | 295       | 470                                                                                 |
|            | 65            | 2700       | 22.37  | 25900                                | 1.60   |                                                                                    |          |    |        |           |                                                                                     |
|            | 77            | 2290       | 18.96  | 25700                                | 1.90   | K                                                                                  | 97       | DV | 180M4  | 285       | 469                                                                                 |
|            | 88            | 2000       | 16.56  | 25300                                | 2.2    | KF                                                                                 | 97       | DV | 180M4  | 305       | 470                                                                                 |
|            | 106           | 1670       | 13.85  | 24800                                | 2.6    | KA                                                                                 | 97       | DV | 180M4  | 270       | 471                                                                                 |
|            | 122           | 1450       | 11.99  | 24300                                | 2.7    | KAF                                                                                | 97       | DV | 180M4  | 295       | 470                                                                                 |
|            | 59            | 3000       | 24.92  | 15600                                | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 65            | 2700       | 22.41  | 15900                                | 0.85   |                                                                                    |          |    |        |           |                                                                                     |
|            | 75            | 2340       | 19.45  | 16200                                | 1.00   |                                                                                    |          |    |        |           |                                                                                     |
|            | 84            | 2100       | 17.42  | 16400                                | 1.05   |                                                                                    |          |    |        |           |                                                                                     |
|            | 101           | 1740       | 14.45  | 16500                                | 1.20   | K                                                                                  | 87       | DV | 180M4  | 225       | 464                                                                                 |
|            | 117           | 1510       | 12.56  | 16400                                | 1.30   | KF                                                                                 | 87       | DV | 180M4  | 235       | 465                                                                                 |
|            | 131           | 1350       | 11.17  | 15400                                | 1.10   | KA                                                                                 | 87       | DV | 180M4  | 215       | 466                                                                                 |
|            | 147           | 1210       | 10.00  | 15300                                | 1.25   | KAF                                                                                | 87       | DV | 180M4  | 225       | 465                                                                                 |
|            | 177           | 1000       |        | 15100                                | 1.40   |                                                                                    |          |    |        |           |                                                                                     |
|            | 203           | 870        | 8.29   | 14900                                | 1.50   |                                                                                    |          |    |        |           |                                                                                     |
|            | 3.2           | 60800      | 7.21   | 190000                               | 0.80   |                                                                                    |          |    |        |           |                                                                                     |
| 22         | 4.1           | 47100      | 454    | 190000                               | 1.05   |                                                                                    |          |    |        |           |                                                                                     |
|            | 5.6           | 35000      | 355    | 190000                               | 1.45   |                                                                                    |          |    |        |           |                                                                                     |
|            | 6.6           | 29600      | 261    | 190000                               | 1.70   | K                                                                                  | 187 R107 | DV | 180L4  | 1950      | 490                                                                                 |
|            | 7.6           | 25800      | 221    | 190000                               | 1.95   | KH                                                                                 | 187 R107 | DV | 180L4  | 1880      | 490                                                                                 |
|            | 9.0           | 21800      | 193    | 190000                               | 2.3    |                                                                                    |          |    |        |           |                                                                                     |
|            |               |            | 163    |                                      |        |                                                                                    |          |    |        |           |                                                                                     |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 22         |               | 37200      |        | 150000                               |        |                                                                                    |          |    |       |           |                                                                                     |
|            | 5.3           | 32300      | 278    | 150000                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.0           | 28200      | 244    | 150000                               | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.9           | 27500      | 213    | 150000                               | 1.15   |                                                                                    |          |    |       |           |                                                                                     |
|            | 7.1           | 23800      | 206    | 150000                               | 1.15   | K                                                                                  | 167 R107 | DV | 180L4 | 1370      | 490                                                                                 |
|            | 8.1           | 21400      | 180    | 150000                               | 1.35   | KH                                                                                 | 167 R107 | DV | 180L4 | 1330      | 490                                                                                 |
|            | 9.2           | 18100      | 160    | 150000                               | 1.50   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 15800      | 135    | 150000                               | 1.75   |                                                                                    |          |    |       |           |                                                                                     |
|            | 12            | 15800      | 118    | 150000                               | 2.0    |                                                                                    |          |    |       |           |                                                                                     |
|            | 12            | 20900      | 157    | 109400                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 9.3           | 16400      | 122    | 108100                               | 1.10   | K                                                                                  | 157 R107 | DV | 180L4 | 980       | 490                                                                                 |
|            | 12            | 14300      | 107    | 107000                               | 1.10   | KF                                                                                 | 157 R107 | DV | 180L4 | 1050      | 490                                                                                 |
|            | 14            |            |        |                                      | 1.25   | KA                                                                                 | 157 R107 | DV | 180L4 | 940       | 490                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 157 R107 | DV | 180L4 | 1000      | 490                                                                                 |
|            | 5.4           | 39000      | 179.86 | 190000                               | 1.30   |                                                                                    |          |    |       |           |                                                                                     |
|            | 5.9           | 35800      | 165.21 | 190000                               | 1.40   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.7           | 31300      | 144.59 | 190000                               | 1.60   | K                                                                                  | 187      | DV | 200L6 | 1860      | 488                                                                                 |
|            | 7.5           | 28100      | 129.69 | 190000                               | 1.80   | KH                                                                                 | 187      | DV | 200L6 | 1790      | 489                                                                                 |
|            | 8.6           | 24400      | 112.60 | 190000                               | 2.1    |                                                                                    |          |    |       |           |                                                                                     |
|            | 8.2           | 25800      | 179.86 | 190000                               | 1.95   |                                                                                    |          |    |       |           |                                                                                     |
|            | 8.9           | 23700      | 165.21 | 190000                               | 2.1    | K                                                                                  | 187      | DV | 180L4 | 1780      | 488                                                                                 |
|            | 10            | 20700      | 144.59 | 190000                               | 2.4    | KH                                                                                 | 187      | DV | 180L4 | 1710      | 489                                                                                 |
|            | 11            | 18600      | 129.69 | 190000                               | 2.7    |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 19400      | 134.99 | 150000                               | 1.65   |                                                                                    |          |    |       |           |                                                                                     |
|            | 13            | 15700      | 109.83 | 150000                               | 2.0    | K                                                                                  | 167      | DV | 180L4 | 1200      | 486                                                                                 |
|            | 17            | 12600      | 87.86  | 150000                               | 2.5    | KH                                                                                 | 167      | DV | 180L4 | 1160      | 487                                                                                 |
|            | 19            | 11200      | 78.14  | 150000                               | 2.9    |                                                                                    |          |    |       |           |                                                                                     |
|            | 9.7           | 21700      | 100.22 | 105900                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 19900      | 91.65  | 105900                               | 0.90   | K                                                                                  | 157      | DV | 200L6 | 880       | 482                                                                                 |
|            | 12            | 17300      | 79.75  | 105500                               | 1.05   | KF                                                                                 | 157      | DV | 200L6 | 960       | 483                                                                                 |
|            | 14            | 15200      | 70.38  | 104600                               | 1.20   | KA                                                                                 | 157      | DV | 200L6 | 850       | 484                                                                                 |
|            | 16            | 13200      | 61.02  | 103300                               | 1.35   | KAF                                                                                | 157      | DV | 200L6 | 910       | 483                                                                                 |
|            | 12            | 17600      | 122.39 | 105500                               | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 15            | 14400      | 100.22 | 104100                               | 1.25   |                                                                                    |          |    |       |           |                                                                                     |
|            | 16            | 13100      | 91.65  | 103200                               | 1.35   |                                                                                    |          |    |       |           |                                                                                     |
|            | 18            | 11400      | 79.75  | 101600                               | 1.55   | K                                                                                  | 157      | DV | 180L4 | 800       | 482                                                                                 |
|            | 21            | 10100      | 70.38  | 99800                                | 1.80   | KF                                                                                 | 157      | DV | 180L4 | 880       | 483                                                                                 |
|            | 24            | 8750       | 61.02  | 97700                                | 2.1    | KA                                                                                 | 157      | DV | 180L4 | 770       | 484                                                                                 |
|            | 27            | 7790       | 54.29  | 95800                                | 2.3    | KAF                                                                                | 157      | DV | 180L4 | 830       | 483                                                                                 |
|            | 31            | 6710       | 46.79  | 93200                                | 2.7    |                                                                                    |          |    |       |           |                                                                                     |
|            | 39            | 5450       | 38.02  | 89400                                | 3.3    |                                                                                    |          |    |       |           |                                                                                     |
|            | 16            | 12900      | 89.89  | 73900                                | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 18            | 11800      | 81.98  | 73800                                | 1.10   | K                                                                                  | 127      | DV | 180L4 | 570       | 478                                                                                 |
|            | 21            | 10200      | 70.95* | 73400                                | 1.30   | KF                                                                                 | 127      | DV | 180L4 | 610       | 479                                                                                 |
|            | 23            | 8980       | 62.60  | 72800                                | 1.45   | KA                                                                                 | 127      | DV | 180L4 | 540       | 480                                                                                 |
|            | 27            | 7750       | 54.07  | 71700                                | 1.70   | KAF                                                                                | 127      | DV | 180L4 | 580       | 479                                                                                 |
|            | 31            | 6860       | 47.82  | 70700                                | 1.90   |                                                                                    |          |    |       |           |                                                                                     |
|            | 36            | 5760       | 40.19  | 69000                                | 2.3    |                                                                                    |          |    |       |           |                                                                                     |
|            | 40            | 5200       | 36.25  | 67800                                | 2.5    | K                                                                                  | 127      | DV | 180L4 | 570       | 478                                                                                 |
|            | 47            | 4500       | 31.37  | 66200                                | 2.9    | KF                                                                                 | 127      | DV | 180L4 | 610       | 479                                                                                 |
|            | 53            | 3970       | 27.68  | 64600                                | 3.3    | KA                                                                                 | 127      | DV | 180L4 | 540       | 480                                                                                 |
|            | 61            | 3430       | 23.91  | 62800                                | 3.8    | KAF                                                                                | 127      | DV | 180L4 | 580       | 479                                                                                 |
|            | 69            | 3030       | 21.15  | 61200                                | 4.3    |                                                                                    |          |    |       |           |                                                                                     |
|            | 26            | 8200       | 57.17* | 43000                                | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 29            | 7160       | 49.90  | 43300                                | 1.10   | K                                                                                  | 107      | DV | 180L4 | 415       | 474                                                                                 |
|            | 35            | 6070       | 42.33* | 43400                                | 1.20   | KF                                                                                 | 107      | DV | 180L4 | 425       | 475                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 107      | DV | 180L4 | 385       | 476                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 107      | DV | 180L4 | 410       | 475                                                                                 |
|            | 40            | 5310       | 37.00* | 43200                                | 1.35   |                                                                                    |          |    |       |           |                                                                                     |
|            | 45            | 4690       | 32.69  | 42900                                | 1.55   |                                                                                    |          |    |       |           |                                                                                     |
|            | 47            | 4490       | 31.28* | 42800                                | 1.50   |                                                                                    |          |    |       |           |                                                                                     |
|            | 51            | 4160       | 29.00  | 42500                                | 1.75   |                                                                                    |          |    |       |           |                                                                                     |
|            | 56            | 3770       | 26.32  | 42000                                | 1.90   | K                                                                                  | 107      | DV | 180L4 | 415       | 474                                                                                 |
|            | 65            | 3240       | 22.62  | 41200                                | 2.2    | KF                                                                                 | 107      | DV | 180L4 | 425       | 475                                                                                 |
|            | 74            | 2830       | 19.74  | 40400                                | 2.5    | KA                                                                                 | 107      | DV | 180L4 | 385       | 476                                                                                 |
|            | 88            | 2400       | 16.75  | 39300                                | 2.9    | KAF                                                                                | 107      | DV | 180L4 | 410       | 475                                                                                 |
|            | 100           | 2100       | 14.64  | 38400                                | 3.3    |                                                                                    |          |    |       |           |                                                                                     |
|            | 109           | 1930       | 13.43  | 36800                                | 2.2    |                                                                                    |          |    |       |           |                                                                                     |
|            | 125           | 1680       | 11.73  | 35900                                | 2.6    |                                                                                    |          |    |       |           |                                                                                     |
|            | 147           | 1430       | 9.94   | 34800                                | 2.9    |                                                                                    |          |    |       |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 22         |               | 4420       |        | 23500                                |        |                                                                                    |          |    |       | 300       |                                                                                     |
|            | 48            | 4000       | 30.82  | 23800                                | 0.95   | K                                                                                  | 97       | DV | 180L4 | 300       | 469                                                                                 |
|            | 53            | 3550       | 27.91  | 24100                                | 1.05   | KF                                                                                 | 97       | DV | 180L4 | 320       | 470                                                                                 |
|            | 59            | 3210       | 24.75  | 24200                                | 1.20   | KA                                                                                 | 97       | DV | 180L4 | 285       | 471                                                                                 |
|            | 65            | 2720       | 22.37  | 24100                                | 1.35   | KAF                                                                                | 97       | DV | 180L4 | 310       | 470                                                                                 |
|            | 77            | 2370       | 18.96  | 24000                                | 1.60   |                                                                                    |          |    |       |           |                                                                                     |
|            | 88            | 1990       | 16.56  | 23700                                | 1.80   | K                                                                                  | 97       | DV | 180L4 | 300       | 469                                                                                 |
|            | 106           | 1720       | 13.85  | 23300                                | 2.2    | KF                                                                                 | 97       | DV | 180L4 | 320       | 470                                                                                 |
|            | 122           | 1490       | 11.99  | 21800                                | 2.3    | KA                                                                                 | 97       | DV | 180L4 | 285       | 471                                                                                 |
|            | 141           | 1250       | 10.41  | 21300                                | 1.90   | KAF                                                                                | 97       | DV | 180L4 | 310       | 470                                                                                 |
|            | 168           | 2790       | 8.71   | 14400                                | 2.1    |                                                                                    |          |    |       |           |                                                                                     |
|            | 75            | 2500       | 19.45  | 14800                                | 0.80   |                                                                                    |          |    |       |           |                                                                                     |
|            | 84            | 2070       | 17.42  | 15100                                | 0.90   |                                                                                    |          |    |       |           |                                                                                     |
|            | 101           | 1800       | 14.45  | 15300                                | 1.00   | K                                                                                  | 87       | DV | 180L4 | 240       | 464                                                                                 |
|            | 117           | 1600       | 12.56  | 14200                                | 1.10   | KF                                                                                 | 87       | DV | 180L4 | 250       | 465                                                                                 |
|            | 131           | 1430       | 11.17  | 14200                                | 0.95   | KA                                                                                 | 87       | DV | 180L4 | 230       | 466                                                                                 |
|            | 147           | 1190       | 10.00  | 14300                                | 1.05   | KAF                                                                                | 87       | DV | 180L4 | 240       | 465                                                                                 |
|            | 177           | 1030       | 8.29   | 14200                                | 1.20   |                                                                                    |          |    |       |           |                                                                                     |
|            | 203           | 47700      | 7.21   | 14200                                | 1.25   |                                                                                    |          |    |       |           |                                                                                     |
|            |               |            |        | 190000                               | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
| 30         | 5.6           | 40400      | 261    | 190000                               | 1.25   | K                                                                                  | 187 R107 | DV | 200L4 | 2030      | 490                                                                                 |
|            | 6.6           | 35200      | 221    | 190000                               | 1.40   | KH                                                                                 | 187 R107 | DV | 200L4 | 1970      | 490                                                                                 |
|            | 7.6           | 29700      | 193    | 190000                               | 1.70   |                                                                                    |          |    |       |           |                                                                                     |
|            | 9.0           | 38400      | 163    | 150000                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 6.9           | 37500      | 213    | 150000                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 7.1           | 32400      | 206    | 150000                               | 1.00   | K                                                                                  | 167 R107 | DV | 200L4 | 1450      | 490                                                                                 |
|            | 8.2           | 29100      | 180    | 150000                               | 1.10   | KH                                                                                 | 167 R107 | DV | 200L4 | 1410      | 490                                                                                 |
|            | 9.2           | 24700      | 160    | 150000                               | 1.30   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 21500      | 135    | 150000                               | 1.50   |                                                                                    |          |    |       |           |                                                                                     |
|            | 12            | 35100      | 118    | 190000                               | 1.45   |                                                                                    |          |    |       |           |                                                                                     |
|            | 8.2           | 32200      | 179.86 | 190000                               | 1.55   |                                                                                    |          |    |       |           |                                                                                     |
|            | 8.9           | 28200      | 165.21 | 190000                               | 1.75   |                                                                                    |          |    |       |           |                                                                                     |
|            | 10            | 25300      | 144.59 | 190000                               | 2.0    | K                                                                                  | 187      | DV | 200L4 | 1860      | 488                                                                                 |
|            | 11            | 21900      | 129.69 | 190000                               | 2.3    | KH                                                                                 | 187      | DV | 200L4 | 1790      | 489                                                                                 |
|            | 13            | 19900      | 112.60 | 190000                               | 2.5    |                                                                                    |          |    |       |           |                                                                                     |
|            | 14            | 17200      | 102.16 | 190000                               | 2.9    |                                                                                    |          |    |       |           |                                                                                     |
|            | 17            | 21400      | 88.00  | 150000                               | 1.50   |                                                                                    |          |    |       |           |                                                                                     |
|            | 13            | 17100      | 109.83 | 150000                               | 1.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 17            | 15200      | 87.86  | 150000                               | 2.1    | K                                                                                  | 167      | DV | 200L4 | 1280      | 486                                                                                 |
|            | 19            | 13300      | 78.14  | 150000                               | 2.4    | KH                                                                                 | 167      | DV | 200L4 | 1240      | 487                                                                                 |
|            | 22            | 11800      | 68.07  | 150000                               | 2.7    |                                                                                    |          |    |       |           |                                                                                     |
|            | 24            | 19500      | 60.74  | 92700                                | 0.90   |                                                                                    |          |    |       |           |                                                                                     |
|            | 15            | 17900      | 100.22 | 92800                                | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 16            | 15500      | 91.65  | 92400                                | 1.15   |                                                                                    |          |    |       |           |                                                                                     |
|            | 18            | 13700      | 79.75  | 91800                                | 1.30   | K                                                                                  | 157      | DV | 200L4 | 880       | 482                                                                                 |
|            | 21            | 11900      | 70.38  | 90700                                | 1.50   | KF                                                                                 | 157      | DV | 200L4 | 960       | 483                                                                                 |
|            | 24            | 10600      | 61.02  | 89500                                | 1.70   | KA                                                                                 | 157      | DV | 200L4 | 850       | 484                                                                                 |
|            | 27            | 9120       | 54.29  | 87800                                | 1.95   | KAF                                                                                | 157      | DV | 200L4 | 910       | 483                                                                                 |
|            | 31            | 7410       | 46.79  | 85100                                | 2.4    |                                                                                    |          |    |       |           |                                                                                     |
|            | 39            | 6100       | 38.02  | 82200                                | 3.0    |                                                                                    |          |    |       |           |                                                                                     |
|            | 47            | 13800      | 31.30  | 64200                                | 0.95   |                                                                                    |          |    |       |           |                                                                                     |
|            | 21            | 12200      | 70.95* | 64600                                | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 23            | 10500      | 62.60  | 64700                                | 1.25   |                                                                                    |          |    |       |           |                                                                                     |
|            | 27            | 9320       | 54.07  | 64400                                | 1.40   |                                                                                    |          |    |       |           |                                                                                     |
|            | 31            | 7830       | 47.82  | 63700                                | 1.65   | K                                                                                  | 127      | DV | 200L4 | 650       | 478                                                                                 |
|            | 37            | 7060       | 40.19  | 63100                                | 1.85   | KF                                                                                 | 127      | DV | 200L4 | 700       | 479                                                                                 |
|            | 41            | 6110       | 36.25  | 62000                                | 2.1    | KA                                                                                 | 127      | DV | 200L4 | 630       | 480                                                                                 |
|            | 47            | 5390       | 31.37  | 61000                                | 2.4    | KAF                                                                                | 127      | DV | 200L4 | 660       | 479                                                                                 |
|            | 53            | 4660       | 27.68  | 59600                                | 2.8    |                                                                                    |          |    |       |           |                                                                                     |
|            | 62            |            | 23.91  |                                      |        |                                                                                    |          |    |       |           |                                                                                     |


**K..DR/DT/DV**  
**K..D.. [kW]**

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |     |          |    |       | m<br>[kg] |     |
|------------|---------------|------------|--------|--------------------------------------|--------|-----|----------|----|-------|-----------|-----|
| 30         |               | 8250       |        | 36100                                |        |     |          |    |       | 500       |     |
|            | 35            | 7210       | 42.33* | 37600                                | 0.90   | K   | 107      | DV | 200L4 | 510       | 474 |
|            | 40            | 6100       | 37.00* | 38000                                | 1.00   | KF  | 107      | DV | 200L4 | 470       | 475 |
|            | 47            |            | 31.28* |                                      | 1.10   | KA  | 107      | DV | 200L4 | 495       | 476 |
|            |               |            |        |                                      |        | KAF | 107      | DV | 200L4 | 495       | 475 |
|            | 51            | 5650       | 29.00  | 38000                                | 1.25   |     |          |    |       |           |     |
|            | 56            | 5130       | 26.32  | 38000                                | 1.40   |     |          |    |       |           |     |
|            | 65            | 4410       | 22.62  | 37700                                | 1.65   |     |          |    |       |           |     |
|            | 74            | 3850       | 19.74  | 37400                                | 1.85   | K   | 107      | DV | 200L4 | 500       | 474 |
|            | 88            | 3260       | 16.75  | 36700                                | 2.2    | KF  | 107      | DV | 200L4 | 510       | 475 |
|            | 100           | 2850       | 14.64  | 36100                                | 2.4    | KA  | 107      | DV | 200L4 | 470       | 476 |
|            | 109           | 2620       | 13.43  | 34400                                | 1.65   | KAF | 107      | DV | 200L4 | 495       | 475 |
|            | 125           | 2280       | 11.73  | 33800                                | 1.90   |     |          |    |       |           |     |
|            | 148           | 1940       | 9.94   | 33000                                | 2.2    |     |          |    |       |           |     |
|            | 169           | 1690       | 8.69   | 32200                                | 2.4    |     |          |    |       |           |     |
|            | 59            | 4820       | 24.75  | 19600                                | 0.90   |     |          |    |       |           |     |
|            | 66            | 4360       | 22.37  | 20100                                | 1.00   |     |          |    |       |           |     |
|            | 78            | 3690       | 18.96  | 20700                                | 1.15   | K   | 97       | DV | 200L4 | 385       | 469 |
|            | 89            | 3230       | 16.56  | 21000                                | 1.35   | KF  | 97       | DV | 200L4 | 405       | 470 |
|            | 106           | 2700       | 13.85  | 21200                                | 1.60   | KA  | 97       | DV | 200L4 | 365       | 471 |
|            | 123           | 2340       | 11.99  | 21100                                | 1.65   | KAF | 97       | DV | 200L4 | 390       | 470 |
|            | 141           | 2030       | 10.41  | 19500                                | 1.40   |     |          |    |       |           |     |
|            | 169           | 1700       | 8.71   | 19400                                | 1.55   |     |          |    |       |           |     |
| 37         | 5.6           | 58800      | 261    | 190000                               | 0.85   |     |          |    |       |           |     |
|            | 6.6           | 49900      | 221    | 190000                               | 1.00   | K   | 187 R107 | DV | 225S4 | 2080      | 490 |
|            | 7.6           | 43500      | 193    | 190000                               | 1.15   | KH  | 187 R107 | DV | 225S4 | 2020      | 490 |
|            | 9.0           | 36700      | 163    | 190000                               | 1.35   |     |          |    |       |           |     |
|            | 8.2           | 40100      | 180    | 150000                               | 0.80   |     |          |    |       |           |     |
|            | 9.2           | 36000      | 160    | 150000                               | 0.90   | K   | 167 R107 | DV | 225S4 | 1500      | 490 |
|            | 11            | 30500      | 135    | 150000                               | 1.05   | KH  | 167 R107 | DV | 225S4 | 1460      | 490 |
|            | 12            | 26600      | 118    | 150000                               | 1.20   |     |          |    |       |           |     |
|            | 8.2           | 43200      | 179.86 | 190000                               | 1.15   |     |          |    |       |           |     |
|            | 8.9           | 39700      | 165.21 | 190000                               | 1.25   |     |          |    |       |           |     |
|            | 10            | 34800      | 144.59 | 190000                               | 1.45   |     |          |    |       |           |     |
|            | 11            | 31200      | 129.69 | 190000                               | 1.60   | K   | 187      | DV | 225S4 | 1910      | 488 |
|            | 13            | 27100      | 112.60 | 190000                               | 1.85   | KH  | 187      | DV | 225S4 | 1840      | 489 |
|            | 14            | 24600      | 102.16 | 190000                               | 2.0    |     |          |    |       |           |     |
|            | 17            | 21200      | 88.00  | 190000                               | 2.4    |     |          |    |       |           |     |
|            | 13            | 26400      | 109.83 | 150000                               | 1.20   |     |          |    |       |           |     |
|            | 17            | 21100      | 87.86  | 150000                               | 1.50   |     |          |    |       |           |     |
|            | 19            | 18800      | 78.14  | 150000                               | 1.70   | K   | 167      | DV | 225S4 | 1330      | 486 |
|            | 22            | 16400      | 68.07  | 150000                               | 1.95   | KH  | 167      | DV | 225S4 | 1290      | 487 |
|            | 24            | 14600      | 60.74  | 150000                               | 2.2    |     |          |    |       |           |     |
|            | 28            | 12400      | 51.77  | 150000                               | 2.6    |     |          |    |       |           |     |
|            | 16            | 22000      | 91.65  | 83600                                | 0.80   | K   | 157      | DV | 225S4 | 930       | 482 |
|            | 18            | 19200      | 79.75  | 84500                                | 0.95   | KF  | 157      | DV | 225S4 | 1010      | 483 |
|            |               |            |        |                                      |        | KA  | 157      | DV | 225S4 | 900       | 484 |
|            |               |            |        |                                      |        | KAF | 157      | DV | 225S4 | 960       | 483 |
|            | 21            | 16900      | 70.38  | 84800                                | 1.05   |     |          |    |       |           |     |
|            | 24            | 14700      | 61.02  | 84600                                | 1.25   | K   | 157      | DV | 225S4 | 930       | 482 |
|            | 27            | 13000      | 54.29  | 84100                                | 1.40   | KF  | 157      | DV | 225S4 | 1010      | 483 |
|            | 31            | 11200      | 46.79  | 83200                                | 1.60   | KA  | 157      | DV | 225S4 | 900       | 484 |
|            | 39            | 9140       | 38.02  | 81300                                | 1.95   | KAF | 157      | DV | 225S4 | 960       | 483 |
|            | 47            | 7520       | 31.30  | 79100                                | 2.4    |     |          |    |       |           |     |
|            | 23            | 15000      | 62.60  | 57500                                | 0.85   |     |          |    |       |           |     |
|            | 27            | 13000      | 54.07  | 58500                                | 1.00   | K   | 127      | DV | 225S4 | 700       | 478 |
|            | 31            | 11500      | 47.82  | 59000                                | 1.15   | KF  | 127      | DV | 225S4 | 740       | 479 |
|            | 37            | 9660       | 40.19  | 59100                                | 1.35   | KA  | 127      | DV | 225S4 | 670       | 480 |
|            | 41            | 8710       | 36.25  | 59000                                | 1.50   | KAF | 127      | DV | 225S4 | 710       | 479 |
|            | 47            | 7540       | 31.37  | 58500                                | 1.70   |     |          |    |       |           |     |
|            | 53            | 6650       | 27.68  | 57800                                | 1.95   |     |          |    |       |           |     |
|            | 62            | 5740       | 23.91  | 56900                                | 2.3    | K   | 127      | DV | 225S4 | 700       | 478 |
|            | 70            | 5080       | 21.15  | 56000                                | 2.6    | KF  | 127      | DV | 225S4 | 740       | 479 |
|            | 83            | 4270       | 17.77  | 54500                                | 3.0    | KA  | 127      | DV | 225S4 | 670       | 480 |
|            | 102           | 3450       | 14.35  | 52500                                | 3.5    | KAF | 127      | DV | 225S4 | 710       | 479 |
|            | 115           | 3070       | 12.79  | 50200                                | 2.8    |     |          |    |       |           |     |
|            | 137           | 2580       | 10.74  | 48600                                | 3.1    |     |          |    |       |           |     |
|            | 169           | 2090       |        | 46600                                | 3.5    |     |          |    |       |           |     |
|            |               |            | 8.68   |                                      |        |     |          |    |       |           |     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |          |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|----------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 37         | 40            | 8890       | 37.00* | 29000                                | 0.80   |                                                                                    |          |    |       |           |                                                                                     |
|            | 47            | 7520       | 31.28* | 33000                                | 0.90   |                                                                                    |          |    |       |           |                                                                                     |
|            | 51            | 6970       | 29.00  | 34200                                | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 56            | 6320       | 26.32  | 34500                                | 1.15   |                                                                                    |          |    |       |           |                                                                                     |
|            | 65            | 5440       | 22.62  | 34700                                | 1.30   | K                                                                                  | 107      | DV | 225S4 | 550       | 474                                                                                 |
|            | 74            | 4740       | 19.74  | 34700                                | 1.50   | KF                                                                                 | 107      | DV | 225S4 | 560       | 475                                                                                 |
|            | 88            | 4020       | 16.75  | 34500                                | 1.75   | KA                                                                                 | 107      | DV | 225S4 | 520       | 476                                                                                 |
|            | 100           | 3520       | 14.64  | 34200                                | 1.95   | KAF                                                                                | 107      | DV | 225S4 | 540       | 475                                                                                 |
|            | 109           | 3230       | 13.43  | 32300                                | 1.35   |                                                                                    |          |    |       |           |                                                                                     |
|            | 125           | 2820       | 11.73  | 32000                                | 1.55   |                                                                                    |          |    |       |           |                                                                                     |
|            | 148           | 2390       | 9.94   | 31400                                | 1.75   |                                                                                    |          |    |       |           |                                                                                     |
|            | 169           | 2090       | 8.69   | 30900                                | 1.95   |                                                                                    |          |    |       |           |                                                                                     |
|            |               | 60700      |        | 190000                               | 0.80   |                                                                                    |          |    |       |           |                                                                                     |
| 45         | 6.6           | 53000      | 221    | 190000                               | 0.95   | K                                                                                  | 187 R107 | DV | 225M4 | 2110      | 490                                                                                 |
|            | 7.6           | 44800      | 193    | 190000                               | 1.10   | KH                                                                                 | 187 R107 | DV | 225M4 | 2040      | 490                                                                                 |
|            | 9.0           | 37100      | 163    | 150000                               | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 32400      | 135    | 150000                               | 1.00   | K                                                                                  | 167 R107 | DV | 225M4 | 1530      | 490                                                                                 |
|            | 12            | 52600      | 118    | 185500                               | 0.95   | KH                                                                                 | 167 R107 | DV | 225M4 | 1490      | 490                                                                                 |
|            | 8.2           | 48300      | 179.86 | 190000                               | 1.05   |                                                                                    |          |    |       |           |                                                                                     |
|            | 8.9           | 42300      | 165.21 | 190000                               | 1.20   |                                                                                    |          |    |       |           |                                                                                     |
|            | 10            | 37900      | 144.59 | 190000                               | 1.30   |                                                                                    |          |    |       |           |                                                                                     |
|            | 11            | 32900      | 129.69 | 190000                               | 1.50   |                                                                                    |          |    |       |           |                                                                                     |
|            | 13            | 29900      | 112.60 | 190000                               | 1.65   | K                                                                                  | 187      | DV | 225M4 | 1940      | 488                                                                                 |
|            | 14            | 25700      | 102.16 | 190000                               | 1.95   | KH                                                                                 | 187      | DV | 225M4 | 1870      | 489                                                                                 |
|            | 17            | 21600      | 88.00  | 187700                               | 2.3    |                                                                                    |          |    |       |           |                                                                                     |
|            | 20            | 32100      | 73.96  | 150000                               | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 13            | 25700      | 109.83 | 150000                               | 1.25   |                                                                                    |          |    |       |           |                                                                                     |
|            | 17            | 22800      | 87.86  | 150000                               | 1.40   |                                                                                    |          |    |       |           |                                                                                     |
|            | 19            | 19900      | 78.14  | 150000                               | 1.60   |                                                                                    |          |    |       |           |                                                                                     |
|            | 22            | 17800      | 68.07  | 149000                               | 1.80   | K                                                                                  | 167      | DV | 225M4 | 1360      | 486                                                                                 |
|            | 24            | 15100      | 60.74  | 145300                               | 2.1    | KH                                                                                 | 167      | DV | 225M4 | 1320      | 487                                                                                 |
|            | 28            | 12500      | 51.77  | 140600                               | 2.6    |                                                                                    |          |    |       |           |                                                                                     |
|            | 34            | 20600      | 42.89  | 76800                                | 0.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 21            | 17800      | 70.38  | 77700                                | 1.00   |                                                                                    |          |    |       |           |                                                                                     |
|            | 24            | 15900      | 61.02  | 77900                                | 1.15   |                                                                                    |          |    |       |           |                                                                                     |
|            | 27            | 13700      | 54.29  | 77800                                | 1.30   |                                                                                    |          |    |       |           |                                                                                     |
|            | 31            | 11100      | 46.79  | 76900                                | 1.60   |                                                                                    |          |    |       |           |                                                                                     |
|            | 39            | 9150       | 38.02  | 75500                                | 1.95   | K                                                                                  | 157      | DV | 225M4 | 960       | 482                                                                                 |
|            | 47            | 8080       | 31.30  | 74300                                | 2.2    | KF                                                                                 | 157      | DV | 225M4 | 1040      | 483                                                                                 |
|            | 53            | 7000       | 27.62  | 72800                                | 2.6    | KA                                                                                 | 157      | DV | 225M4 | 930       | 484                                                                                 |
|            | 61            | 6230       | 23.95  | 71500                                | 2.9    | KAF                                                                                | 157      | DV | 225M4 | 980       | 483                                                                                 |
|            | 69            | 5370       | 21.31  | 69700                                | 3.4    |                                                                                    |          |    |       |           |                                                                                     |
|            | 80            | 14000      | 18.37  | 52800                                | 0.95   |                                                                                    |          |    |       |           |                                                                                     |
|            | 31            | 11700      | 47.82  | 53900                                | 1.10   |                                                                                    |          |    |       |           |                                                                                     |
|            | 37            | 10600      | 40.19  | 54200                                | 1.25   | K                                                                                  | 127      | DV | 225M4 | 730       | 478                                                                                 |
|            | 41            |            | 36.25  |                                      |        | KF                                                                                 | 127      | DV | 225M4 | 770       | 479                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 127      | DV | 225M4 | 700       | 480                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 127      | DV | 225M4 | 740       | 479                                                                                 |
|            | 47            | 9170       | 31.37  | 54400                                | 1.40   |                                                                                    |          |    |       |           |                                                                                     |
|            | 53            | 8090       | 27.68  | 54200                                | 1.60   |                                                                                    |          |    |       |           |                                                                                     |
|            | 62            | 6990       | 23.91  | 53800                                | 1.85   |                                                                                    |          |    |       |           |                                                                                     |
|            | 70            | 6180       | 21.15  | 53200                                | 2.1    | K                                                                                  | 127      | DV | 225M4 | 730       | 478                                                                                 |
|            | 83            | 5190       | 17.77  | 52200                                | 2.5    | KF                                                                                 | 127      | DV | 225M4 | 770       | 479                                                                                 |
|            | 102           | 4190       | 14.35  | 50700                                | 2.9    | KA                                                                                 | 127      | DV | 225M4 | 700       | 480                                                                                 |
|            | 115           | 3740       | 12.79  | 48300                                | 2.3    | KAF                                                                                | 127      | DV | 225M4 | 740       | 479                                                                                 |
|            | 137           | 3140       | 10.74  | 47000                                | 2.6    |                                                                                    |          |    |       |           |                                                                                     |
|            | 169           | 2540       | 8.68   | 45300                                | 2.9    |                                                                                    |          |    |       |           |                                                                                     |
|            | 51            | 8480       | 29.00  | 25600                                | 0.85   | K                                                                                  | 107      | DV | 225M4 | 570       | 474                                                                                 |
|            | 56            | 7690       | 26.32  | 28300                                | 0.95   | KF                                                                                 | 107      | DV | 225M4 | 590       | 475                                                                                 |
|            | 65            | 6610       | 22.62  | 31000                                | 1.10   | KA                                                                                 | 107      | DV | 225M4 | 550       | 476                                                                                 |
|            | 74            | 5770       | 19.74  | 31700                                | 1.25   | KAF                                                                                | 107      | DV | 225M4 | 570       | 475                                                                                 |
|            | 88            | 4890       | 16.75  | 31900                                | 1.45   |                                                                                    |          |    |       |           |                                                                                     |
|            | 100           | 4280       | 14.64  | 31900                                | 1.60   | K                                                                                  | 107      | DV | 225M4 | 570       | 474                                                                                 |
|            | 109           | 3930       | 13.43  | 29900                                | 1.10   |                                                                                    |          |    |       |           |                                                                                     |
|            | 125           | 3430       | 11.73  | 29900                                | 1.25   | KF                                                                                 | 107      | DV | 225M4 | 590       | 475                                                                                 |
|            | 148           | 2910       | 9.94   | 29600                                | 1.45   | KA                                                                                 | 107      | DV | 225M4 | 550       | 476                                                                                 |
|            | 169           | 2540       | 8.69   | 29300                                | 1.60   | KAF                                                                                | 107      | DV | 225M4 | 570       | 475                                                                                 |



# K..DR/DT/DV K..D.. [kW]

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |     |    |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----|----|-------|-----------|-------------------------------------------------------------------------------------|
| 55         |               | 51500      |        | 187400                               |        |                                                                                    |     |    |       |           |                                                                                     |
|            | 10            | 46200      | 144.59 | 190000                               | 0.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 11            | 40100      | 129.69 | 188500                               | 1.10   |                                                                                    |     |    |       |           |                                                                                     |
|            | 13            | 36400      | 112.60 | 187100                               | 1.25   |                                                                                    |     |    |       |           |                                                                                     |
|            | 14            | 31300      | 102.16 | 184200                               | 1.35   | K                                                                                  | 187 | DV | 250M4 | 2070      | 488                                                                                 |
|            | 17            | 26300      | 88.00  | 180200                               | 1.60   | KH                                                                                 | 187 | DV | 250M4 | 2000      | 489                                                                                 |
|            | 20            | 22800      | 73.96  | 176300                               | 1.90   |                                                                                    |     |    |       |           |                                                                                     |
|            | 23            | 31300      | 64.04  | 145300                               | 2.2    |                                                                                    |     |    |       |           |                                                                                     |
|            | 17            | 27800      | 87.86  | 144600                               | 1.00   |                                                                                    |     |    |       |           |                                                                                     |
|            | 19            | 24200      | 78.14  | 143300                               | 1.15   |                                                                                    |     |    |       |           |                                                                                     |
|            | 22            | 21600      | 68.07  | 141700                               | 1.30   |                                                                                    |     |    |       |           |                                                                                     |
|            | 24            | 18400      | 60.74  | 139100                               | 1.50   | K                                                                                  | 167 | DV | 250M4 | 1490      | 486                                                                                 |
|            | 28            | 15300      | 51.77  | 135400                               | 1.75   | KH                                                                                 | 167 | DV | 250M4 | 1450      | 487                                                                                 |
|            | 34            | 13000      | 42.89  | 131900                               | 2.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 40            | 21700      | 36.61  | 69000                                | 2.5    |                                                                                    |     |    |       |           |                                                                                     |
|            | 24            | 19300      | 61.02  | 70200                                | 0.85   |                                                                                    |     |    |       |           |                                                                                     |
|            | 27            | 16700      | 54.29  | 71200                                | 0.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 32            | 13500      | 46.79  | 71500                                | 1.10   |                                                                                    |     |    |       |           |                                                                                     |
|            | 39            | 11100      | 38.02  | 71000                                | 1.35   |                                                                                    |     |    |       |           |                                                                                     |
|            | 47            | 9840       | 31.30  | 70400                                | 1.60   | K                                                                                  | 157 | DV | 250M4 | 1090      | 482                                                                                 |
|            | 53            | 8530       | 27.62  | 69400                                | 1.85   | KF                                                                                 | 157 | DV | 250M4 | 1170      | 483                                                                                 |
|            | 62            | 7590       | 23.95  | 68400                                | 2.1    | KA                                                                                 | 157 | DV | 250M4 | 1050      | 484                                                                                 |
|            | 69            | 6540       | 21.31  | 67000                                | 2.4    | KAF                                                                                | 157 | DV | 250M4 | 1110      | 483                                                                                 |
|            | 80            | 5310       | 18.37  | 64800                                | 2.8    |                                                                                    |     |    |       |           |                                                                                     |
|            | 99            | 4510       | 14.92  | 62900                                | 3.4    |                                                                                    |     |    |       |           |                                                                                     |
|            | 117           | 14300      | 12.65  | 47400                                | 3.8    |                                                                                    |     |    |       |           |                                                                                     |
|            | 37            | 11200      | 40.19  | 49300                                | 0.90   | K                                                                                  | 127 | DV | 250M4 | 850       | 478                                                                                 |
|            | 47            | 9850       | 31.37  | 49700                                | 1.15   | KF                                                                                 | 127 | DV | 250M4 | 890       | 479                                                                                 |
|            | 53            |            | 27.68  |                                      | 1.30   | KA                                                                                 | 127 | DV | 250M4 | 820       | 480                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 127 | DV | 250M4 | 860       | 479                                                                                 |
|            | 62            | 8510       | 23.91  | 49900                                | 1.55   |                                                                                    |     |    |       |           |                                                                                     |
|            | 70            | 7530       | 21.15  | 49800                                | 1.75   | K                                                                                  | 127 | DV | 250M4 | 850       | 478                                                                                 |
|            | 83            | 6330       | 17.77  | 49300                                | 2.1    | KF                                                                                 | 127 | DV | 250M4 | 890       | 479                                                                                 |
|            | 103           | 5110       | 14.35  | 48300                                | 2.4    | KA                                                                                 | 127 | DV | 250M4 | 820       | 480                                                                                 |
|            | 115           | 4550       | 12.79  | 45900                                | 1.85   | KAF                                                                                | 127 | DV | 250M4 | 860       | 479                                                                                 |
|            | 137           | 3830       | 10.74  | 45000                                | 2.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 170           | 3090       | 8.68   | 43600                                | 2.3    |                                                                                    |     |    |       |           |                                                                                     |
| 75         | 11            | 62800      | 129.69 | 164100                               | 0.80   |                                                                                    |     |    |       |           |                                                                                     |
|            | 13            | 54500      | 112.60 | 166100                               | 0.90   |                                                                                    |     |    |       |           |                                                                                     |
|            | 14            | 49400      | 102.16 | 166600                               | 1.00   |                                                                                    |     |    |       |           |                                                                                     |
|            | 17            | 42600      | 88.00  | 166600                               | 1.15   | K                                                                                  | 187 | DV | 280S4 | 2200      | 488                                                                                 |
|            | 20            | 35800      | 73.96  | 165300                               | 1.40   | KH                                                                                 | 187 | DV | 280S4 | 2130      | 489                                                                                 |
|            | 23            | 31000      | 64.04  | 163400                               | 1.60   |                                                                                    |     |    |       |           |                                                                                     |
|            | 28            | 25800      | 53.36  | 160100                               | 1.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 33            | 22000      | 45.50* | 156700                               | 2.3    |                                                                                    |     |    |       |           |                                                                                     |
|            | 19            | 37800      | 78.14  | 126100                               | 0.85   |                                                                                    |     |    |       |           |                                                                                     |
|            | 22            | 32900      | 68.07  | 127100                               | 0.95   |                                                                                    |     |    |       |           |                                                                                     |
|            | 24            | 29400      | 60.74  | 127300                               | 1.10   |                                                                                    |     |    |       |           |                                                                                     |
|            | 29            | 25100      | 51.77  | 126800                               | 1.30   |                                                                                    |     |    |       |           |                                                                                     |
|            | 35            | 20800      | 42.89  | 125200                               | 1.55   | K                                                                                  | 167 | DV | 280S4 | 1620      | 486                                                                                 |
|            | 40            | 17700      | 36.61  | 123200                               | 1.80   | KH                                                                                 | 167 | DV | 280S4 | 1580      | 487                                                                                 |
|            | 46            | 15600      | 32.25  | 121300                               | 2.1    |                                                                                    |     |    |       |           |                                                                                     |
|            | 51            | 13900      | 28.77  | 119300                               | 2.3    |                                                                                    |     |    |       |           |                                                                                     |
|            | 60            | 11900      | 24.52  | 116300                               | 2.7    |                                                                                    |     |    |       |           |                                                                                     |
|            | 39            | 18400      | 38.02  | 60800                                | 1.00   |                                                                                    |     |    |       |           |                                                                                     |
|            | 47            | 15100      | 31.30  | 62200                                | 1.20   |                                                                                    |     |    |       |           |                                                                                     |
|            | 54            | 13400      | 27.62  | 62600                                | 1.35   |                                                                                    |     |    |       |           |                                                                                     |
|            | 62            | 11600      | 23.95  | 62600                                | 1.55   | K                                                                                  | 157 | DV | 280S4 | 1220      | 482                                                                                 |
|            | 69            | 10300      | 21.31  | 62400                                | 1.75   | KF                                                                                 | 157 | DV | 280S4 | 1300      | 483                                                                                 |
|            | 81            | 8890       | 18.37  | 61800                                | 2.0    | KA                                                                                 | 157 | DV | 280S4 | 1190      | 484                                                                                 |
|            | 99            | 7220       | 14.92  | 60500                                | 2.5    | KAF                                                                                | 157 | DV | 280S4 | 1250      | 483                                                                                 |
|            | 117           | 6120       | 12.65  | 59300                                | 2.8    |                                                                                    |     |    |       |           |                                                                                     |



| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |     |       |       | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----|-------|-------|-----------|-------------------------------------------------------------------------------------|
| 75         |               | 15200      |        | 39200                                |        |                                                                                    |     |       |       |           |                                                                                     |
|            | 47            | 13400      | 31.37  | 40800                                | 0.85   |                                                                                    |     |       |       |           |                                                                                     |
|            | 53            | 11600      | 27.68  | 42200                                | 0.95   |                                                                                    |     |       |       |           |                                                                                     |
|            | 62            | 10200      | 23.91  | 42900                                | 1.10   | K                                                                                  | 127 | DV    | 280S4 | 990       | 478                                                                                 |
|            | 70            | 8600       | 21.15  | 43500                                | 1.25   | KF                                                                                 | 127 | DV    | 280S4 | 1030      | 479                                                                                 |
|            | 83            | 6940       | 17.77  | 43700                                | 1.50   | KA                                                                                 | 127 | DV    | 280S4 | 960       | 480                                                                                 |
|            | 103           | 6190       | 14.35  | 41100                                | 1.75   | KAF                                                                                | 127 | DV    | 280S4 | 1000      | 479                                                                                 |
|            | 116           | 5200       | 12.79  | 41000                                | 1.40   |                                                                                    |     |       |       |           |                                                                                     |
|            | 138           | 4200       | 10.74  | 40400                                | 1.70   |                                                                                    |     |       |       |           |                                                                                     |
| 90         | 171           | 59300      | 8.68   | 151300                               | 0.85   |                                                                                    |     |       |       |           |                                                                                     |
|            | 14            | 51100      | 102.16 | 153400                               | 1.00   |                                                                                    |     |       |       |           |                                                                                     |
|            | 17            | 42900      | 88.00  | 154200                               | 1.15   |                                                                                    |     |       |       |           |                                                                                     |
|            | 20            | 37200      | 73.96  | 153800                               | 1.35   |                                                                                    |     |       |       |           |                                                                                     |
|            | 23            | 31000      | 64.04  | 152200                               | 1.60   | K                                                                                  | 187 | D     | 280M4 | 2280      | 488                                                                                 |
|            | 28            | 26400      | 53.36  | 149900                               | 1.90   | KH                                                                                 | 187 | D     | 280M4 | 2210      | 489                                                                                 |
|            | 33            | 24700      | 45.50* | 148700                               | 2.0    |                                                                                    |     |       |       |           |                                                                                     |
|            | 35            | 22400      | 42.51  | 146900                               | 2.2    |                                                                                    |     |       |       |           |                                                                                     |
|            | 38            | 39500      | 38.57  | 115100                               | 0.80   |                                                                                    |     |       |       |           |                                                                                     |
|            | 22            | 35300      | 68.07  | 116600                               | 0.90   |                                                                                    |     |       |       |           |                                                                                     |
|            | 24            | 30100      | 60.74  | 117600                               | 1.05   |                                                                                    |     |       |       |           |                                                                                     |
|            | 29            | 24900      | 51.77  | 117600                               | 1.30   |                                                                                    |     |       |       |           |                                                                                     |
|            | 35            | 21300      | 42.89  | 116700                               | 1.50   |                                                                                    |     |       |       |           |                                                                                     |
|            | 40            | 18700      | 36.61  | 115500                               | 1.70   | K                                                                                  | 167 | D     | 280M4 | 1690      | 486                                                                                 |
|            | 46            | 16700      | 32.25  | 114200                               | 1.90   | KH                                                                                 | 167 | D     | 280M4 | 1660      | 487                                                                                 |
|            | 51            | 14200      | 28.77  | 111900                               | 2.3    |                                                                                    |     |       |       |           |                                                                                     |
|            | 60            | 11800      | 24.52  | 108800                               | 2.7    |                                                                                    |     |       |       |           |                                                                                     |
|            | 73            | 10100      | 20.32  | 106000                               | 3.2    |                                                                                    |     |       |       |           |                                                                                     |
|            | 85            | 22100      | 17.34  | 52700                                | 0.80   |                                                                                    |     |       |       |           |                                                                                     |
|            | 39            | 18200      | 38.02  | 55500                                | 1.00   |                                                                                    |     |       |       |           |                                                                                     |
|            | 47            | 16000      | 31.30  | 56700                                | 1.10   |                                                                                    |     |       |       |           |                                                                                     |
|            | 54            | 13900      | 27.62  | 57500                                | 1.30   | K                                                                                  | 157 | D     | 280M4 | 1300      | 482                                                                                 |
|            | 62            | 12400      | 23.95  | 57900                                | 1.45   | KF                                                                                 | 157 | D     | 280M4 | 1380      | 483                                                                                 |
|            | 69            | 10700      | 21.31  | 57900                                | 1.70   | KA                                                                                 | 157 | D     | 280M4 | 1260      | 484                                                                                 |
|            | 81            | 8670       | 18.37  | 57400                                | 2.1    | KAF                                                                                | 157 | D     | 280M4 | 1320      | 483                                                                                 |
|            | 99            | 7350       | 14.92  | 56600                                | 2.3    |                                                                                    |     |       |       |           |                                                                                     |
|            | 117           | 13900      | 12.65  | 36400                                | 0.95   |                                                                                    |     |       |       |           |                                                                                     |
|            | 62            | 12300      | 23.91  | 37800                                | 1.05   |                                                                                    |     |       |       |           |                                                                                     |
|            | 70            | 10300      | 21.15  | 39200                                | 1.25   |                                                                                    |     |       |       |           |                                                                                     |
|            | 83            | 8330       | 17.77  | 40200                                | 1.45   | K                                                                                  | 127 | D     | 280M4 | 1070      | 478                                                                                 |
|            | 103           | 7420       | 14.35  | 37600                                | 1.15   | KF                                                                                 | 127 | D     | 280M4 | 1110      | 479                                                                                 |
|            | 116           | 6240       | 12.79  | 38000                                | 1.30   | KA                                                                                 | 127 | D     | 280M4 | 1040      | 480                                                                                 |
|            | 138           | 5040       | 10.74  | 38000                                | 1.45   | KAF                                                                                | 127 | D     | 280M4 | 1080      | 479                                                                                 |
|            | 171           | 62300      |        | 136000                               | 0.80   |                                                                                    |     |       |       |           |                                                                                     |
| 110        | 17            | 52300      | 8.68   | 139500                               | 0.95   |                                                                                    |     |       |       |           |                                                                                     |
|            | 20            | 45300      | 88.00  | 141000                               | 1.10   |                                                                                    |     |       |       |           |                                                                                     |
|            | 23            | 37700      | 73.96  | 141500                               | 1.30   |                                                                                    |     |       |       |           |                                                                                     |
|            | 28            | 32200      | 64.04  | 140800                               | 1.55   |                                                                                    |     |       |       |           |                                                                                     |
|            | 33            | 30100      | 53.36  | 140200                               | 1.65   | K                                                                                  | 187 | D     | 315S4 | 2460      | 488                                                                                 |
|            | 35            | 27300      | 45.50* | 139100                               | 1.85   | KH                                                                                 | 187 | D     | 315S4 | 2400      | 489                                                                                 |
|            | 39            | 23500      | 42.51  | 137000                               | 2.1    |                                                                                    |     |       |       |           |                                                                                     |
|            | 45            | 19800      | 38.57  | 134000                               | 2.5    |                                                                                    |     |       |       |           |                                                                                     |
|            | 53            | 36600      | 33.23  | 105500                               | 0.85   |                                                                                    |     |       |       |           |                                                                                     |
|            | 29            | 30300      | 27.92  | 107500                               | 1.05   |                                                                                    |     |       |       |           |                                                                                     |
|            | 35            | 25900      | 51.77  | 108100                               | 1.25   |                                                                                    |     |       |       |           |                                                                                     |
|            | 41            | 22800      | 42.89  | 107900                               | 1.40   |                                                                                    |     |       |       |           |                                                                                     |
|            | 46            | 20400      | 36.61  | 107400                               | 1.55   |                                                                                    |     |       |       |           |                                                                                     |
|            | 52            | 17300      | 32.25  | 106100                               | 1.85   | K                                                                                  | 167 | D     | 315S4 | 1880      | 486                                                                                 |
|            | 61            | 14400      | 28.77  | 104000                               | 2.2    | KH                                                                                 | 167 | D     | 315S4 | 1840      | 487                                                                                 |
|            | 73            | 12300      | 24.52  | 101800                               | 2.6    |                                                                                    |     |       |       |           |                                                                                     |
|            | 86            | 16900      | 20.32  | 50800                                | 1.05   |                                                                                    |     |       |       |           |                                                                                     |
|            | 62            | 15100      | 17.34  | 51900                                | 1.20   |                                                                                    |     |       |       |           |                                                                                     |
|            | 70            | 13000      | 23.95  | 52700                                | 1.40   |                                                                                    |     |       |       |           |                                                                                     |
|            | 81            | 10600      | 21.31  | 53100                                | 1.70   | K                                                                                  | 157 | D     | 315S4 | 1490      | 482                                                                                 |
|            | 100           | 8950       | 18.37  | 53000                                | 1.90   | KF                                                                                 | 157 | D     | 315S4 | 1560      | 483                                                                                 |
|            | 117           |            | 14.92  |                                      |        | KA                                                                                 | 157 | D     | 315S4 | 1450      | 484                                                                                 |
|            |               | 12.65      |        |                                      | KAF    | 157                                                                                | D   | 315S4 | 1510  | 483       |                                                                                     |


**K..DR/DT/DV**  
**K..D.. [kW]**

| Pm<br>[kW] | na<br>[1/min] | Ma<br>[Nm] | i      | F <sub>Ra</sub> <sup>1)</sup><br>[N] | SEW fB |  |     |   |        | m<br>[kg] |  |
|------------|---------------|------------|--------|--------------------------------------|--------|------------------------------------------------------------------------------------|-----|---|--------|-----------|-------------------------------------------------------------------------------------|
| <b>132</b> |               | 62800      |        | 123300                               |        |                                                                                    |     |   |        |           |                                                                                     |
|            | 20            | 54400      | 73.96  | 127000                               | 0.80   |                                                                                    |     |   |        |           |                                                                                     |
|            | 23            | 45300      | 64.04  | 129800                               | 0.90   |                                                                                    |     |   |        |           |                                                                                     |
|            | 28            | 38600      | 53.36  | 130800                               | 1.10   |                                                                                    |     |   |        |           |                                                                                     |
|            | 33            | 36100      | 45.50* | 130900                               | 1.30   |                                                                                    |     |   |        |           |                                                                                     |
|            | 35            | 32700      | 42.51  | 130700                               | 1.40   |                                                                                    |     |   |        |           |                                                                                     |
|            | 39            | 28200      | 38.57  | 129800                               | 1.55   | K                                                                                  | 187 | D | 315M4  | 2560      | 488                                                                                 |
|            | 45            | 23700      | 33.23  | 127900                               | 1.75   | KH                                                                                 | 187 | D | 315M4  | 2500      | 489                                                                                 |
|            | 53            | 20500      | 27.92  | 125900                               | 2.1    |                                                                                    |     |   |        |           |                                                                                     |
|            | 61            | 17100      | 24.18  | 122800                               | 2.3    |                                                                                    |     |   |        |           |                                                                                     |
|            | 74            | 14600      | 20.15  | 119700                               | 2.6    |                                                                                    |     |   |        |           |                                                                                     |
|            | 86            | 36400      | 17.18  | 96400                                | 2.8    |                                                                                    |     |   |        |           |                                                                                     |
|            | 35            | 31100      | 42.89  | 98600                                | 0.90   |                                                                                    |     |   |        |           |                                                                                     |
|            | 41            | 27400      | 36.61  | 99600                                | 1.05   |                                                                                    |     |   |        |           |                                                                                     |
|            | 46            | 24400      | 32.25  | 99900                                | 1.15   |                                                                                    |     |   |        |           |                                                                                     |
|            | 52            | 20800      | 28.77  | 99900                                | 1.30   | K                                                                                  | 167 | D | 315M4  | 1980      | 486                                                                                 |
|            | 61            | 17200      | 24.52  | 99800                                | 1.55   | KH                                                                                 | 167 | D | 315M4  | 1940      | 487                                                                                 |
|            | 73            | 14700      | 20.32  | 98700                                | 1.85   |                                                                                    |     |   |        |           |                                                                                     |
|            | 86            | 20300      | 17.34  | 97300                                | 2.2    |                                                                                    |     |   |        |           |                                                                                     |
|            | 62            | 18100      | 23.95  | 43400                                | 0.90   |                                                                                    |     |   |        |           |                                                                                     |
|            | 70            | 15600      | 21.31  | 45300                                | 1.00   | K                                                                                  | 157 | D | 315M4  | 1590      | 482                                                                                 |
|            | 81            | 12700      | 18.37  | 47000                                | 1.15   | KF                                                                                 | 157 | D | 315M4  | 1660      | 483                                                                                 |
|            | 100           | 10700      | 14.92  | 48500                                | 1.40   | KA                                                                                 | 157 | D | 315M4  | 1550      | 484                                                                                 |
|            | 117           | 54900      | 12.65  | 49100                                | 1.60   | KAF                                                                                | 157 | D | 315M4  | 1610      | 483                                                                                 |
|            | 28            | 46800      | 53.36  | 114900                               | 0.90   |                                                                                    |     |   |        |           |                                                                                     |
| <b>160</b> | 33            | 34200      |        | 118100                               | 1.05   |                                                                                    |     |   |        |           |                                                                                     |
|            | 45            | 28700      | 45.50* | 120500                               | 1.45   |                                                                                    |     |   |        |           |                                                                                     |
|            | 53            | 24900      | 33.23  | 120100                               | 1.75   |                                                                                    |     |   |        |           |                                                                                     |
|            | 61            | 20700      | 27.92  | 119100                               | 1.90   | K                                                                                  | 187 | D | 315M4A | 2560      | 488                                                                                 |
|            | 74            | 17700      | 24.18  | 117200                               | 2.1    | KH                                                                                 | 187 | D | 315M4A | 2500      | 489                                                                                 |
|            | 86            | 37700      | 20.15  | 114900                               | 2.3    |                                                                                    |     |   |        |           |                                                                                     |
|            | 41            | 25200      | 17.18  | 86500                                | 0.85   |                                                                                    |     |   |        |           |                                                                                     |
|            | 61            | 20900      | 36.61  | 91700                                | 1.25   |                                                                                    |     |   |        |           |                                                                                     |
|            | 73            | 17800      | 24.52  | 92000                                | 1.55   | K                                                                                  | 167 | D | 315M4A | 1980      | 486                                                                                 |
|            | 86            | 18900      | 20.32  | 91600                                | 1.80   | KH                                                                                 | 167 | D | 315M4A | 1940      | 487                                                                                 |
|            | 81            | 15400      | 17.34  | 39800                                | 0.95   |                                                                                    |     |   |        |           |                                                                                     |
|            | 100           | 13000      | 18.37  | 42600                                | 1.15   | K                                                                                  | 157 | D | 315M4A | 1590      | 482                                                                                 |
|            | 117           |            | 14.92  | 44100                                | 1.30   | KF                                                                                 | 157 | D | 315M4A | 1660      | 483                                                                                 |
|            |               |            | 12.65  |                                      |        | KA                                                                                 | 157 | D | 315M4A | 1550      | 484                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 157 | D | 315M4A | 1610      | 483                                                                                 |
|            | 33            | 58500      | 45.50* | 100000                               | 0.85   |                                                                                    |     |   |        |           |                                                                                     |
|            | 45            | 42700      | 33.23  | 107300                               | 1.15   |                                                                                    |     |   |        |           |                                                                                     |
|            | 53            | 35900      | 27.92  | 109000                               | 1.40   | K                                                                                  | 187 | D | 315M4B | 2560      | 488                                                                                 |
|            | 61            | 31100      | 24.18  | 109500                               | 1.55   | KH                                                                                 | 187 | D | 315M4B | 2500      | 489                                                                                 |
| <b>200</b> | 74            | 25900      | 20.15  | 109100                               | 1.70   |                                                                                    |     |   |        |           |                                                                                     |
|            | 86            | 22100      | 17.18  | 108100                               | 1.85   |                                                                                    |     |   |        |           |                                                                                     |
|            | 61            | 31500      | 24.52  | 80100                                | 1.00   | K                                                                                  | 167 | D | 315M4B | 1980      | 486                                                                                 |
|            | 73            | 26100      | 20.32  | 82400                                | 1.20   | KH                                                                                 | 167 | D | 315M4B | 1940      | 487                                                                                 |
|            | 86            | 22300      | 17.34  | 83400                                | 1.45   |                                                                                    |     |   |        |           |                                                                                     |
|            | 100           | 19200      | 14.92  | 34200                                | 0.95   | K                                                                                  | 157 | D | 315M4B | 1590      | 482                                                                                 |
|            | 117           | 16300      | 12.65  | 36900                                | 1.05   | KF                                                                                 | 157 | D | 315M4B | 1660      | 483                                                                                 |
|            |               |            |        |                                      |        | KA                                                                                 | 157 | D | 315M4B | 1550      | 484                                                                                 |
|            |               |            |        |                                      |        | KAF                                                                                | 157 | D | 315M4B | 1610      | 483                                                                                 |

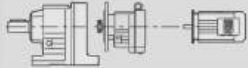


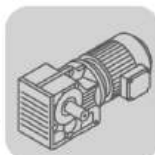
# 10.4 K..R..D.. [Nm]

| Ma max<br>[Nm] | na<br>[1/min] | i     | F1)Ra<br>[N] |  |        |    |      | m<br>[kg] |  |
|----------------|---------------|-------|--------------|------------------------------------------------------------------------------------|--------|----|------|-----------|-------------------------------------------------------------------------------------|
| 5640           |               |       |              |                                                                                    |        |    |      |           |                                                                                     |
| 200            | 0.20          | 6832  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.23          | 5922  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.25          | 5491  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.29          | 4759  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.33          | 4160  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.38          | 3645  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.43          | 3205  | 5640         | K                                                                                  | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |
|                | 0.49          | 2801  | 5640         | KF                                                                                 | 37 R17 | DR | 63S4 | 22        | 490                                                                                 |
|                | 0.56          | 2454  | 5640         | KA                                                                                 | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |
|                | 0.64          | 2166  | 5640         | KAF                                                                                | 37 R17 | DR | 63S4 | 21        | 490                                                                                 |
|                | 0.73          | 1891  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.83          | 1660  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.94          | 1466  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.1           | 1288  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.2           | 1136  | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.4           |       | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.6           | 996   | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.8           | 876   | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 2.1           | 761   | 5640         | K                                                                                  | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |
|                | 2.4           | 671   | 5640         | KF                                                                                 | 37 R17 | DR | 63S4 | 21        | 490                                                                                 |
|                | 2.7           | 585   | 5640         | KA                                                                                 | 37 R17 | DR | 63S4 | 19        | 490                                                                                 |
|                | 3.1           | 512   | 5640         | KAF                                                                                | 37 R17 | DR | 63S4 | 20        | 490                                                                                 |
|                | 3.5           | 451   | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 4.0           | 396   | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 4.3           | 346   | 5640         |                                                                                    |        |    |      |           |                                                                                     |
|                | 4.9           | 304   | 5640         | K                                                                                  | 37 R17 | DR | 63M4 | 19        | 490                                                                                 |
|                | 5.7           | 267   | 5640         | KF                                                                                 | 37 R17 | DR | 63M4 | 21        | 490                                                                                 |
|                | 6.4           | 234   | 5640         | KA                                                                                 | 37 R17 | DR | 63M4 | 19        | 490                                                                                 |
|                | 7.2           | 205   | 5640         | KAF                                                                                | 37 R17 | DR | 63M4 | 20        | 490                                                                                 |
|                | 8.1           | 181   | 5640         | K                                                                                  | 37 R17 | DR | 63L4 | 20        | 490                                                                                 |
|                | 9.5           | 160   | 5640         | KF                                                                                 | 37 R17 | DR | 63L4 | 22        | 490                                                                                 |
|                | 10            | 136   | 5640         | KA                                                                                 | 37 R17 | DR | 63L4 | 19        | 490                                                                                 |
|                | 12            | 127   | 5640         | KAF                                                                                | 37 R17 | DR | 63L4 | 21        | 490                                                                                 |
|                | 14            | 110   | 5640         | K                                                                                  | 37 R17 | DT | 71D4 | 21        | 490                                                                                 |
|                |               | 96    |              | KF                                                                                 | 37 R17 | DT | 71D4 | 23        | 490                                                                                 |
|                |               |       |              | KA                                                                                 | 37 R17 | DT | 71D4 | 20        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 37 R17 | DT | 71D4 | 22        | 490                                                                                 |
| 400            | 0.14          | 10138 | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.16          | 8534  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.18          | 7662  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.20          | 6826  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.23          | 5983  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.27          | 5159  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.30          | 4601  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.35          | 3940  | 5920         | K                                                                                  | 47 R37 | DR | 63S4 | 34        | 490                                                                                 |
|                | 0.40          | 3477  | 5920         | KF                                                                                 | 47 R37 | DR | 63S4 | 37        | 490                                                                                 |
|                | 0.45          | 3043  | 5920         | KA                                                                                 | 47 R37 | DR | 63S4 | 33        | 490                                                                                 |
|                | 0.51          | 2733  | 5920         | KAF                                                                                | 47 R37 | DR | 63S4 | 36        | 490                                                                                 |
|                | 0.59          | 2354  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.67          | 2063  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.76          | 1819  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.87          | 1586  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.99          | 1388  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.1           | 1222  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.3           | 1097  | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.5           |       | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.7           | 945   | 5920         | K                                                                                  | 47 R37 | DR | 63S4 | 33        | 490                                                                                 |
|                | 1.9           | 831   | 5920         | KF                                                                                 | 47 R37 | DR | 63S4 | 37        | 490                                                                                 |
|                | 2.2           | 718   | 5920         | KA                                                                                 | 47 R37 | DR | 63S4 | 32        | 490                                                                                 |
|                | 2.4           | 639   | 5920         | KAF                                                                                | 47 R37 | DR | 63S4 | 35        | 490                                                                                 |
|                | 2.7           | 552   | 5920         |                                                                                    |        |    |      |           |                                                                                     |
|                | 3.1           | 495   | 5920         | K                                                                                  | 47 R37 | DR | 63M4 | 33        | 490                                                                                 |
|                |               | 426   |              | KF                                                                                 | 47 R37 | DR | 63M4 | 37        | 490                                                                                 |
|                |               |       |              | KA                                                                                 | 47 R37 | DR | 63M4 | 32        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 47 R37 | DR | 63M4 | 35        | 490                                                                                 |
|                | 3.5           | 375   | 5920         | K                                                                                  | 47 R37 | DR | 63L4 | 34        | 490                                                                                 |
|                | 4.0           | 327   | 5920         | KF                                                                                 | 47 R37 | DR | 63L4 | 37        | 490                                                                                 |
|                | 4.5           | 289   | 5920         | KA                                                                                 | 47 R37 | DR | 63L4 | 33        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 47 R37 | DR | 63L4 | 36        | 490                                                                                 |



# K..DR/DT/DV K..R..D.. [Nm]

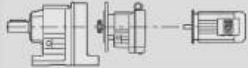
| Ma max<br>[Nm] | na<br>[1/min] | i     | F1)Ra<br>[N] |  |        |    |      | m<br>[kg] |  |
|----------------|---------------|-------|--------------|------------------------------------------------------------------------------------|--------|----|------|-----------|-------------------------------------------------------------------------------------|
| 400            | 5.4           | 256   | 5920         | K                                                                                  | 47 R37 | DT | 71D4 | 35        | 490                                                                                 |
|                | 6.2           | 225   | 5920         | KF                                                                                 | 47 R37 | DT | 71D4 | 38        | 490                                                                                 |
|                | 7.0           | 198   |              | KA                                                                                 | 47 R37 | DT | 71D4 | 34        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 47 R37 | DT | 71D4 | 37        | 490                                                                                 |
|                | 8.0           | 171   | 5920         | K                                                                                  | 47 R37 | DT | 80K4 | 37        | 490                                                                                 |
|                | 8.9           | 153   | 5920         | KF                                                                                 | 47 R37 | DT | 80K4 | 40        | 490                                                                                 |
|                | 10            | 131   | 5920         | KA                                                                                 | 47 R37 | DT | 80K4 | 36        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 47 R37 | DT | 80K4 | 39        | 490                                                                                 |
|                |               |       |              |                                                                                    |        |    |      |           |                                                                                     |
|                |               |       |              |                                                                                    |        |    |      |           |                                                                                     |
| 600            | 0.11          | 12169 | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.12          | 11162 | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.15          | 9503  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.16          | 8547  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.19          | 7277  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.21          | 6478  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.24          | 5662  | 7630         | K                                                                                  | 57 R37 | DR | 63S4 | 39        | 490                                                                                 |
|                | 0.27          | 5033  | 7630         | KF                                                                                 | 57 R37 | DR | 63S4 | 44        | 490                                                                                 |
|                | 0.32          | 4340  | 7630         | KA                                                                                 | 57 R37 | DR | 63S4 | 37        | 490                                                                                 |
|                | 0.36          | 3854  | 7630         | KAF                                                                                | 57 R37 | DR | 63S4 | 43        | 490                                                                                 |
|                | 0.41          | 3390  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.47          | 2924  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.53          | 2593  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.61          | 2249  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.70          | 1986  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.79          | 1743  | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 0.90          | 1539  | 7630         | K                                                                                  | 57 R37 | DR | 63S4 | 39        | 490                                                                                 |
|                | 1.0           | 1354  | 7630         | KF                                                                                 | 57 R37 | DR | 63S4 | 44        | 490                                                                                 |
|                | 1.2           | 1174  | 7630         | KA                                                                                 | 57 R37 | DR | 63S4 | 37        | 490                                                                                 |
|                | 1.3           | 1036  | 7630         | KAF                                                                                | 57 R37 | DR | 63S4 | 43        | 490                                                                                 |
|                | 1.5           |       | 7630         | K                                                                                  | 57 R37 | DR | 63M4 | 39        | 490                                                                                 |
|                | 1.6           | 906   | 7630         |                                                                                    |        |    |      |           |                                                                                     |
|                | 1.9           | 806   | 7630         | KF                                                                                 | 57 R37 | DR | 63M4 | 44        | 490                                                                                 |
|                | 2.1           | 699   | 7630         | KA                                                                                 | 57 R37 | DR | 63M4 | 37        | 490                                                                                 |
|                | 2.4           | 615   | 7630         | KAF                                                                                | 57 R37 | DR | 63M4 | 43        | 490                                                                                 |
|                | 2.8           | 544   | 7630         | K                                                                                  | 57 R37 | DR | 63L4 | 40        | 490                                                                                 |
|                | 3.1           | 473   | 7630         | KF                                                                                 | 57 R37 | DR | 63L4 | 45        | 490                                                                                 |
|                |               | 421   | 7630         | KA                                                                                 | 57 R37 | DR | 63L4 | 38        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 57 R37 | DR | 63L4 | 43        | 490                                                                                 |
|                | 3.8           | 362   | 7630         | K                                                                                  | 57 R37 | DT | 71D4 | 41        | 490                                                                                 |
|                | 4.3           | 319   | 7630         | KF                                                                                 | 57 R37 | DT | 71D4 | 46        | 490                                                                                 |
|                | 4.9           | 280   | 7630         | KA                                                                                 | 57 R37 | DT | 71D4 | 39        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 57 R37 | DT | 71D4 | 44        | 490                                                                                 |
|                | 5.5           | 246   | 7630         | K                                                                                  | 57 R37 | DT | 80K4 | 43        | 490                                                                                 |
|                | 6.3           | 215   | 7630         | KF                                                                                 | 57 R37 | DT | 80K4 | 48        | 490                                                                                 |
|                | 7.1           | 192   | 7630         | KA                                                                                 | 57 R37 | DT | 80K4 | 41        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 57 R37 | DT | 80K4 | 46        | 490                                                                                 |
|                | 8.3           | 166   | 7630         | K                                                                                  | 57 R37 | DT | 80N4 | 44        | 490                                                                                 |
|                | 9.6           | 145   | 7630         | KF                                                                                 | 57 R37 | DT | 80N4 | 49        | 490                                                                                 |
|                | 11            | 129   | 7630         | KA                                                                                 | 57 R37 | DT | 80N4 | 42        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 57 R37 | DT | 80N4 | 47        | 490                                                                                 |
|                | 13            | 111   | 7630         | K                                                                                  | 57 R37 | DT | 90S4 | 49        | 490                                                                                 |
|                | 14            | 97    | 7630         | KF                                                                                 | 57 R37 | DT | 90S4 | 54        | 490                                                                                 |
|                |               |       |              | KA                                                                                 | 57 R37 | DT | 90S4 | 47        | 490                                                                                 |
|                |               |       |              | KAF                                                                                | 57 R37 | DT | 90S4 | 53        | 490                                                                                 |



| Ma max<br>[Nm] | na<br>[1/min] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |     |        |    |      | m<br>[kg] |     |
|----------------|---------------|-------|--------------------------------------|-----|--------|----|------|-----------|-----|
| 820            | 0.11          | 12139 | 10300                                |     |        |    |      |           |     |
|                | 0.12          | 11134 | 10300                                |     |        |    |      |           |     |
|                | 0.15          | 9479  | 10300                                |     |        |    |      |           |     |
|                | 0.17          | 8173  | 10300                                |     |        |    |      |           |     |
|                | 0.19          | 7259  | 10300                                |     |        |    |      |           |     |
|                | 0.21          | 6462  | 10300                                |     |        |    |      |           |     |
|                | 0.24          | 5648  | 10300                                | K   | 67 R37 | DR | 63S4 | 45        | 490 |
|                | 0.28          | 4846  | 10300                                | KF  | 67 R37 | DR | 63S4 | 51        | 490 |
|                | 0.32          | 4329  | 10300                                | KA  | 67 R37 | DR | 63S4 | 43        | 490 |
|                | 0.37          | 3750  | 10300                                | KAF | 67 R37 | DR | 63S4 | 48        | 490 |
|                | 0.42          | 3315  | 10300                                |     |        |    |      |           |     |
|                | 0.47          | 2917  | 10300                                |     |        |    |      |           |     |
|                | 0.55          | 2532  | 10300                                |     |        |    |      |           |     |
|                | 0.62          | 2244  | 10300                                |     |        |    |      |           |     |
|                | 0.70          | 1981  | 10300                                |     |        |    |      |           |     |
|                | 0.79          | 1739  | 10300                                |     |        |    |      |           |     |
|                | 0.90          | 1535  | 10300                                | K   | 67 R37 | DR | 63S4 | 45        | 490 |
|                | 1.0           | 1351  | 10300                                | KF  | 67 R37 | DR | 63S4 | 51        | 490 |
|                |               |       |                                      | KA  | 67 R37 | DR | 63S4 | 42        | 490 |
|                |               |       |                                      | KAF | 67 R37 | DR | 63S4 | 48        | 490 |
|                | 1.1           | 1171  | 10300                                | K   | 67 R37 | DR | 63M4 | 45        | 490 |
|                | 1.3           | 1034  | 10300                                | KF  | 67 R37 | DR | 63M4 | 51        | 490 |
|                | 1.5           | 903   | 10300                                | KA  | 67 R37 | DR | 63M4 | 42        | 490 |
|                | 1.7           | 793   | 10300                                | KAF | 67 R37 | DR | 63M4 | 48        | 490 |
|                | 1.9           | 697   | 10300                                | K   | 67 R37 | DR | 63L4 | 46        | 490 |
|                | 2.1           | 613   | 10300                                | KF  | 67 R37 | DR | 63L4 | 51        | 490 |
|                | 2.4           | 542   | 10300                                | KA  | 67 R37 | DR | 63L4 | 43        | 490 |
|                |               |       |                                      | KAF | 67 R37 | DR | 63L4 | 49        | 490 |
|                | 2.9           | 471   | 10300                                | K   | 67 R37 | DT | 71D4 | 47        | 490 |
|                | 3.3           | 420   | 10300                                | KF  | 67 R37 | DT | 71D4 | 52        | 490 |
|                |               |       |                                      | KA  | 67 R37 | DT | 71D4 | 44        | 490 |
|                |               |       |                                      | KAF | 67 R37 | DT | 71D4 | 50        | 490 |
|                | 3.8           | 361   | 10300                                | K   | 67 R37 | DT | 80K4 | 49        | 490 |
|                | 4.2           | 323   | 10300                                | KF  | 67 R37 | DT | 80K4 | 54        | 490 |
|                | 4.9           | 279   | 10300                                | KA  | 67 R37 | DT | 80K4 | 46        | 490 |
|                | 5.5           | 246   | 10300                                | KAF | 67 R37 | DT | 80K4 | 52        | 490 |
|                | 6.4           | 217   | 10300                                | K   | 67 R37 | DT | 80N4 | 50        | 490 |
|                | 7.2           | 191   | 10300                                | KF  | 67 R37 | DT | 80N4 | 55        | 490 |
|                |               |       |                                      | KA  | 67 R37 | DT | 80N4 | 47        | 490 |
|                |               |       |                                      | KAF | 67 R37 | DT | 80N4 | 53        | 490 |
| 1550           | 0.09          | 15310 | 15400                                |     |        |    |      |           |     |
|                | 0.10          | 14043 | 15400                                |     |        |    |      |           |     |
|                | 0.12          | 11955 | 15400                                |     |        |    |      |           |     |
|                | 0.14          | 10217 | 15400                                |     |        |    |      |           |     |
|                | 0.16          | 8809  | 15400                                |     |        |    |      |           |     |
|                | 0.18          | 7528  | 15400                                |     |        |    |      |           |     |
|                | 0.21          | 6606  | 15400                                | K   | 77 R37 | DR | 63S4 | 69        | 490 |
|                | 0.24          | 5774  | 15400                                | KF  | 77 R37 | DR | 63S4 | 78        | 490 |
|                | 0.27          | 5089  | 15400                                | KA  | 77 R37 | DR | 63S4 | 62        | 490 |
|                | 0.31          | 4489  | 15400                                | KAF | 77 R37 | DR | 63S4 | 70        | 490 |
|                | 0.35          | 3961  | 15400                                |     |        |    |      |           |     |
|                | 0.40          | 3485  | 15400                                |     |        |    |      |           |     |
|                | 0.48          | 2901  | 15400                                |     |        |    |      |           |     |
|                | 0.51          | 2717  | 15400                                |     |        |    |      |           |     |
|                | 0.56          | 2370  | 15400                                |     |        |    |      |           |     |
|                |               |       |                                      | K   | 77 R37 | DR | 63M4 | 69        | 490 |
|                |               |       |                                      | KF  | 77 R37 | DR | 63M4 | 78        | 490 |
|                |               |       |                                      | KA  | 77 R37 | DR | 63M4 | 62        | 490 |
|                |               |       |                                      | KAF | 77 R37 | DR | 63M4 | 70        | 490 |
|                | 0.64          | 2050  | 15400                                | K   | 77 R37 | DR | 63M4 | 69        | 490 |
|                | 0.75          | 1772  | 15400                                | KF  | 77 R37 | DR | 63M4 | 77        | 490 |
|                | 0.87          | 1514  | 15400                                | KA  | 77 R37 | DR | 63M4 | 62        | 490 |
|                |               |       |                                      | KAF | 77 R37 | DR | 63M4 | 70        | 490 |
|                | 0.94          | 1388  | 15400                                | K   | 77 R37 | DR | 63L4 | 70        | 490 |
|                | 1.1           | 1218  | 15400                                | KF  | 77 R37 | DR | 63L4 | 78        | 490 |
|                | 1.2           | 1053  | 15400                                | KA  | 77 R37 | DR | 63L4 | 62        | 490 |
|                |               |       |                                      | KAF | 77 R37 | DR | 63L4 | 70        | 490 |



# K..DR/DT/DV K..R..D.. [Nm]

| Ma max<br>[Nm] | na<br>[1/min] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |        |    |       | m<br>[kg] |  |
|----------------|---------------|-------|--------------------------------------|------------------------------------------------------------------------------------|--------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 1550           |               |       | 15400                                |                                                                                    |        |    |       | 71        |                                                                                     |
|                | 1.5           | 924   | 15400                                | K                                                                                  | 77 R37 | DT | 71D4  | 79        | 490                                                                                 |
|                | 1.7           | 815   | 15400                                | KF                                                                                 | 77 R37 | DT | 71D4  | 63        | 490                                                                                 |
|                | 1.9           | 709   | 15400                                | KA                                                                                 | 77 R37 | DT | 71D4  | 71        | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 77 R37 | DT | 71D4  | 73        | 490                                                                                 |
|                | 2.2           | 622   | 15400                                | K                                                                                  | 77 R37 | DT | 80K4  | 81        | 490                                                                                 |
|                | 2.5           | 552   | 15400                                | KF                                                                                 | 77 R37 | DT | 80K4  | 65        | 490                                                                                 |
|                | 2.8           | 485   | 15400                                | KA                                                                                 | 77 R37 | DT | 80K4  | 73        | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 77 R37 | DT | 80K4  | 74        | 490                                                                                 |
|                | 3.2           | 428   | 15400                                | K                                                                                  | 77 R37 | DT | 80N4  | 82        | 490                                                                                 |
|                | 3.8           | 367   | 15400                                | KF                                                                                 | 77 R37 | DT | 80N4  | 66        | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 77 R37 | DT | 80N4  | 74        | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 77 R37 | DT | 80N4  | 79        | 490                                                                                 |
|                | 4.3           | 328   | 15400                                | K                                                                                  | 77 R37 | DT | 90S4  | 87        | 490                                                                                 |
|                | 4.8           | 290   | 15400                                | KF                                                                                 | 77 R37 | DT | 90S4  | 72        | 490                                                                                 |
|                | 5.5           | 252   | 15400                                | KA                                                                                 | 77 R37 | DT | 90S4  | 79        | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 77 R37 | DT | 90S4  |           |                                                                                     |
| 2700           | 0.09          | 14829 | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.10          | 13168 | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.12          | 11737 | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.14          | 10217 | 27300                                | K                                                                                  | 87 R57 | DR | 63S4  | 120       | 490                                                                                 |
|                | 0.15          | 9073  | 27300                                | KF                                                                                 | 87 R57 | DR | 63S4  | 130       | 490                                                                                 |
|                | 0.18          | 7854  | 27300                                | KA                                                                                 | 87 R57 | DR | 63S4  | 105       | 490                                                                                 |
|                | 0.20          | 6832  | 27300                                | KAF                                                                                | 87 R57 | DR | 63S4  | 120       | 490                                                                                 |
|                | 0.23          | 5930  | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.26          | 5240  | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.30          | 4562  | 27300                                |                                                                                    |        |    |       |           |                                                                                     |
|                | 0.33          | 4037  | 27300                                | K                                                                                  | 87 R57 | DR | 63M4  | 120       | 490                                                                                 |
|                | 0.37          | 3609  | 27300                                | KF                                                                                 | 87 R57 | DR | 63M4  | 130       | 490                                                                                 |
|                | 0.42          | 3107  | 27300                                | KA                                                                                 | 87 R57 | DR | 63M4  | 105       | 490                                                                                 |
|                | 0.48          | 2728  | 27300                                | KAF                                                                                | 87 R57 | DR | 63M4  | 120       | 490                                                                                 |
|                | 0.55          | 2371  | 27300                                | K                                                                                  | 87 R57 | DR | 63L4  | 120       | 490                                                                                 |
|                |               |       |                                      | KF                                                                                 | 87 R57 | DR | 63L4  | 130       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 87 R57 | DR | 63L4  | 105       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DR | 63L4  | 120       | 490                                                                                 |
|                | 0.62          | 2088  | 27300                                | K                                                                                  | 87 R57 | DR | 63L4  | 120       | 490                                                                                 |
|                | 0.70          | 1854  | 27300                                | KF                                                                                 | 87 R57 | DR | 63L4  | 125       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 87 R57 | DR | 63L4  | 105       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DR | 63L4  | 120       | 490                                                                                 |
|                | 0.83          | 1657  | 27300                                | K                                                                                  | 87 R57 | DT | 71D4  | 120       | 490                                                                                 |
|                | 0.97          | 1415  | 27300                                | KF                                                                                 | 87 R57 | DT | 71D4  | 130       | 490                                                                                 |
|                | 1.1           | 1229  | 27300                                | KA                                                                                 | 87 R57 | DT | 71D4  | 110       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DT | 71D4  | 120       | 490                                                                                 |
|                | 1.3           | 1078  | 27300                                | K                                                                                  | 87 R57 | DT | 80K4  | 120       | 490                                                                                 |
|                | 1.4           | 951   | 27300                                | KF                                                                                 | 87 R57 | DT | 80K4  | 130       | 490                                                                                 |
|                | 1.6           | 837   | 27300                                | KA                                                                                 | 87 R57 | DT | 80K4  | 110       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DT | 80K4  | 125       | 490                                                                                 |
|                | 1.9           | 726   | 27300                                | K                                                                                  | 87 R57 | DT | 80N4  | 125       | 490                                                                                 |
|                | 2.2           | 638   | 27300                                | KF                                                                                 | 87 R57 | DT | 80N4  | 130       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 87 R57 | DT | 80N4  | 110       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DT | 80N4  | 125       | 490                                                                                 |
|                | 2.5           | 562   | 27300                                | K                                                                                  | 87 R57 | DT | 90S4  | 130       | 490                                                                                 |
|                | 3.0           | 474   | 27300                                | KF                                                                                 | 87 R57 | DT | 90S4  | 135       | 490                                                                                 |
|                | 3.3           | 426   | 27300                                | KA                                                                                 | 87 R57 | DT | 90S4  | 115       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DT | 90S4  | 130       | 490                                                                                 |
|                | 3.8           | 373   | 27300                                | K                                                                                  | 87 R57 | DT | 90L4  | 130       | 490                                                                                 |
|                | 4.3           | 330   | 27300                                | KF                                                                                 | 87 R57 | DT | 90L4  | 140       | 490                                                                                 |
|                | 4.8           | 294   | 27300                                | KA                                                                                 | 87 R57 | DT | 90L4  | 120       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DT | 90L4  | 130       | 490                                                                                 |
|                | 5.6           | 250   | 27300                                | K                                                                                  | 87 R57 | DV | 100M4 | 135       | 490                                                                                 |
|                | 6.0           | 236   | 27300                                | KF                                                                                 | 87 R57 | DV | 100M4 | 145       | 490                                                                                 |
|                | 7.0           | 201   | 27300                                | KA                                                                                 | 87 R57 | DV | 100M4 | 125       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 87 R57 | DV | 100M4 | 140       | 490                                                                                 |



| Ma max<br>[Nm] | na<br>[1/min] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |         |    |       | m<br>[kg] |  |
|----------------|---------------|-------|--------------------------------------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 4300           | 0.08          | 18091 | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DR | 63S4  | 180       | 490                                                                                 |
|                | 0.08          | 16666 | 40000                                |                                                                                    |         |    |       | 200       | 490                                                                                 |
|                | 0.09          | 14897 | 40000                                |                                                                                    |         |    |       | 160       | 490                                                                                 |
|                | 0.10          | 13182 | 40000                                |                                                                                    |         |    |       | 185       | 490                                                                                 |
|                | 0.12          | 11677 | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DR | 63M4  | 180       | 490                                                                                 |
|                | 0.13          | 10317 | 40000                                |                                                                                    |         |    |       | 200       | 490                                                                                 |
|                | 0.15          | 9083  | 40000                                |                                                                                    |         |    |       | 160       | 490                                                                                 |
|                | 0.17          | 8054  | 40000                                |                                                                                    |         |    |       | 185       | 490                                                                                 |
|                | 0.20          | 6970  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DR | 63L4  | 180       | 490                                                                                 |
|                | 0.22          | 6027  | 40000                                |                                                                                    |         |    |       | 200       | 490                                                                                 |
|                | 0.24          | 5391  | 40000                                |                                                                                    |         |    |       | 160       | 490                                                                                 |
|                | 0.28          | 4669  | 40000                                |                                                                                    |         |    |       | 185       | 490                                                                                 |
|                | 0.32          | 4082  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DT | 71D4  | 180       | 490                                                                                 |
|                | 0.36          | 3583  | 40000                                |                                                                                    |         |    |       | 200       | 490                                                                                 |
|                | 0.42          | 3108  | 40000                                |                                                                                    |         |    |       | 160       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 185       | 490                                                                                 |
|                | 0.50          | 2757  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DT | 80K4  | 180       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 205       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 165       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 190       | 490                                                                                 |
|                | 0.57          | 2419  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DT | 80N4  | 185       | 490                                                                                 |
|                | 0.65          | 2123  | 40000                                |                                                                                    |         |    |       | 205       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 165       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 190       | 490                                                                                 |
|                | 0.73          | 1856  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DT | 90S4  | 190       | 490                                                                                 |
|                | 0.84          | 1625  | 40000                                |                                                                                    |         |    |       | 210       | 490                                                                                 |
|                | 0.95          | 1430  | 40000                                |                                                                                    |         |    |       | 170       | 490                                                                                 |
|                | 1.1           | 1261  | 40000                                |                                                                                    |         |    |       | 195       | 490                                                                                 |
|                | 1.2           | 1102  | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DT | 90L4  | 190       | 490                                                                                 |
|                | 1.4           | 957   | 40000                                |                                                                                    |         |    |       | 210       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 170       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 195       | 490                                                                                 |
|                | 1.6           | 855   | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DV | 100M4 | 195       | 490                                                                                 |
|                | 1.9           | 743   | 40000                                |                                                                                    |         |    |       | 220       | 490                                                                                 |
|                | 2.1           | 652   | 40000                                |                                                                                    |         |    |       | 180       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 205       | 490                                                                                 |
|                | 2.5           | 573   | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DV | 100L4 | 200       | 490                                                                                 |
|                | 2.8           | 504   | 40000                                |                                                                                    |         |    |       | 220       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 185       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 210       | 490                                                                                 |
|                | 3.2           | 437   | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DV | 112M4 | 210       | 490                                                                                 |
|                | 3.7           | 382   | 40000                                |                                                                                    |         |    |       | 230       | 490                                                                                 |
|                | 4.1           | 342   | 40000                                |                                                                                    |         |    |       | 190       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 215       | 490                                                                                 |
|                | 4.6           | 305   | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DV | 112M4 | 210       | 490                                                                                 |
|                | 5.4           | 258   | 40000                                |                                                                                    |         |    |       | 230       | 490                                                                                 |
|                | 6.0           | 232   | 40000                                |                                                                                    |         |    |       | 190       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 215       | 490                                                                                 |
|                | 7.1           | 199   | 40000                                | K<br>KF<br>KA<br>KAF                                                               | 97 R57  | DV | 112M4 | 210       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 230       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 190       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 215       | 490                                                                                 |
| 8000           | 0.10          | 14311 | 65000                                | K<br>KF<br>KA<br>KAF                                                               | 107 R77 | DR | 63S4  | 310       | 490                                                                                 |
|                | 0.11          | 12211 | 65000                                |                                                                                    |         |    |       | 320       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 280       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 305       | 490                                                                                 |
|                | 0.12          | 10677 | 65000                                | K<br>KF<br>KA<br>KAF                                                               | 107 R77 | DR | 63M4  | 310       | 490                                                                                 |
|                | 0.14          | 9524  | 65000                                |                                                                                    |         |    |       | 320       | 490                                                                                 |
|                | 0.16          | 8328  | 65000                                |                                                                                    |         |    |       | 280       | 490                                                                                 |
|                |               |       |                                      |                                                                                    |         |    |       | 305       | 490                                                                                 |



# K..DR/DT/DV K..R..D.. [Nm]

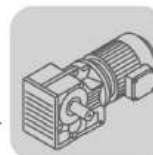
| Ma max<br>[Nm] | na<br>[1/min] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |         |    |       | m<br>[kg] |  |
|----------------|---------------|-------|--------------------------------------|------------------------------------------------------------------------------------|---------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 8000           |               |       | 65000                                |                                                                                    |         |    |       | 310       |                                                                                     |
|                | 0.18          | 7270  | 65000                                | K                                                                                  | 107 R77 | DR | 63L4  | 490       |                                                                                     |
|                | 0.21          | 6184  | 65000                                | KF                                                                                 | 107 R77 | DR | 63L4  | 320       | 490                                                                                 |
|                | 0.23          | 5662  | 65000                                | KA                                                                                 | 107 R77 | DR | 63L4  | 285       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DR | 63L4  | 305       | 490                                                                                 |
|                | 0.27          | 5138  | 65000                                | K                                                                                  | 107 R77 | DT | 71D4  | 310       | 490                                                                                 |
|                | 0.32          | 4359  | 65000                                | KF                                                                                 | 107 R77 | DT | 71D4  | 325       | 490                                                                                 |
|                | 0.36          | 3810  | 65000                                | KA                                                                                 | 107 R77 | DT | 71D4  | 285       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DT | 71D4  | 305       | 490                                                                                 |
|                | 0.41          | 3358  | 65000                                | K                                                                                  | 107 R77 | DT | 80K4  | 315       | 490                                                                                 |
|                | 0.46          | 2977  | 65000                                | KF                                                                                 | 107 R77 | DT | 80K4  | 325       | 490                                                                                 |
|                | 0.52          | 2599  | 65000                                | KA                                                                                 | 107 R77 | DT | 80K4  | 285       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DT | 80K4  | 310       | 490                                                                                 |
|                | 0.60          | 2286  | 65000                                | K                                                                                  | 107 R77 | DT | 80N4  | 315       | 490                                                                                 |
|                | 0.71          | 1939  | 65000                                | KF                                                                                 | 107 R77 | DT | 80N4  | 325       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 107 R77 | DT | 80N4  | 285       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DT | 80N4  | 310       | 490                                                                                 |
|                | 0.82          | 1713  | 65000                                | K                                                                                  | 107 R77 | DT | 90S4  | 320       | 490                                                                                 |
|                | 0.90          | 1554  | 65000                                | KF                                                                                 | 107 R77 | DT | 90S4  | 330       | 490                                                                                 |
|                | 1.1           | 1336  | 65000                                | KA                                                                                 | 107 R77 | DT | 90S4  | 290       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DT | 90S4  | 315       | 490                                                                                 |
|                | 1.2           | 1166  | 65000                                | K                                                                                  | 107 R77 | DT | 90L4  | 320       | 490                                                                                 |
|                | 1.4           | 1030  | 65000                                | KF                                                                                 | 107 R77 | DT | 90L4  | 330       | 490                                                                                 |
|                | 1.6           | 904   | 65000                                | KA                                                                                 | 107 R77 | DT | 90L4  | 290       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DT | 90L4  | 315       | 490                                                                                 |
|                | 1.8           | 793   | 65000                                | K                                                                                  | 107 R77 | DV | 100M4 | 325       | 490                                                                                 |
|                | 2.0           | 696   | 65000                                | KF                                                                                 | 107 R77 | DV | 100M4 | 340       | 490                                                                                 |
|                | 2.3           | 615   | 65000                                | KA                                                                                 | 107 R77 | DV | 100M4 | 300       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DV | 100M4 | 325       | 490                                                                                 |
|                | 2.7           | 522   | 65000                                | K                                                                                  | 107 R77 | DV | 100L4 | 330       | 490                                                                                 |
|                | 3.0           | 461   | 65000                                | KF                                                                                 | 107 R77 | DV | 100L4 | 340       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 107 R77 | DV | 100L4 | 305       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DV | 100L4 | 325       | 490                                                                                 |
|                | 3.5           | 408   | 65000                                | K                                                                                  | 107 R77 | DV | 112M4 | 335       | 490                                                                                 |
|                | 3.9           | 364   | 65000                                | KF                                                                                 | 107 R77 | DV | 112M4 | 350       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 107 R77 | DV | 112M4 | 310       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DV | 112M4 | 335       | 490                                                                                 |
|                | 4.5           | 318   | 65000                                | K                                                                                  | 107 R77 | DV | 132S4 | 345       | 490                                                                                 |
|                | 5.0           | 286   | 65000                                | KF                                                                                 | 107 R77 | DV | 132S4 | 355       | 490                                                                                 |
|                | 5.7           | 251   | 65000                                | KA                                                                                 | 107 R77 | DV | 132S4 | 315       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 107 R77 | DV | 132S4 | 340       | 490                                                                                 |
| 13000          | 0.08          | 17550 | 79200                                | K                                                                                  | 127 R77 | DR | 63M4  | 470       | 490                                                                                 |
|                | 0.08          | 16006 | 79200                                | KF                                                                                 | 127 R77 | DR | 63M4  | 510       | 490                                                                                 |
|                | 0.09          | 14975 | 79200                                | KA                                                                                 | 127 R77 | DR | 63M4  | 440       | 490                                                                                 |
|                | 0.11          | 12440 | 79200                                | KAF                                                                                | 127 R77 | DR | 63M4  | 480       | 490                                                                                 |
|                | 0.12          | 10915 | 79200                                | K                                                                                  | 127 R77 | DR | 63L4  | 470       | 490                                                                                 |
|                | 0.13          | 9819  | 79200                                | KF                                                                                 | 127 R77 | DR | 63L4  | 510       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 127 R77 | DR | 63L4  | 440       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 127 R77 | DR | 63L4  | 480       | 490                                                                                 |
|                | 0.16          | 8443  | 79200                                | K                                                                                  | 127 R77 | DT | 71D4  | 470       | 490                                                                                 |
|                | 0.18          | 7482  | 79200                                | KF                                                                                 | 127 R77 | DT | 71D4  | 510       | 490                                                                                 |
|                | 0.21          | 6565  | 79200                                | KA                                                                                 | 127 R77 | DT | 71D4  | 445       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 127 R77 | DT | 71D4  | 480       | 490                                                                                 |
|                | 0.23          | 5804  | 79200                                | K                                                                                  | 127 R77 | DT | 80K4  | 475       | 490                                                                                 |
|                | 0.27          | 5027  | 79200                                | KF                                                                                 | 127 R77 | DT | 80K4  | 520       | 490                                                                                 |
|                | 0.31          | 4423  | 79200                                | KA                                                                                 | 127 R77 | DT | 80K4  | 445       | 490                                                                                 |
|                | 0.35          | 3889  | 79200                                | KAF                                                                                | 127 R77 | DT | 80K4  | 480       | 490                                                                                 |
|                | 0.42          | 3311  | 79200                                | K                                                                                  | 127 R77 | DT | 80N4  | 475       | 490                                                                                 |
|                | 0.46          | 3009  | 79200                                | KF                                                                                 | 127 R77 | DT | 80N4  | 520       | 490                                                                                 |
|                |               |       |                                      | KA                                                                                 | 127 R77 | DT | 80N4  | 445       | 490                                                                                 |
|                |               |       |                                      | KAF                                                                                | 127 R77 | DT | 80N4  | 485       | 490                                                                                 |

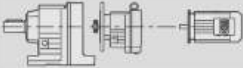


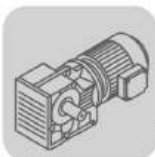
| Ma max<br>[Nm] | na<br>[1/min]     | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |         |    |        | m<br>[kg] |  |
|----------------|-------------------|-------|--------------------------------------|------------------------------------------------------------------------------------|---------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 13000          | 0.54<br>0.62      | 2607  | 79200                                | K                                                                                  | 127 R77 | DT | 90S4   | 480       | 490                                                                                 |
|                |                   | 2268  | 79200                                | KF                                                                                 | 127 R77 | DT | 90S4   | 520       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R77 | DT | 90S4   | 450       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DT | 90S4   | 490       | 490                                                                                 |
|                | 0.73              | 1926  | 79200                                | K                                                                                  | 127 R77 | DT | 90S4   | 480       | 490                                                                                 |
|                |                   |       |                                      | KF                                                                                 | 127 R77 | DT | 90S4   | 520       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R77 | DT | 90S4   | 450       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DT | 90S4   | 490       | 490                                                                                 |
|                | 0.80<br>0.91      | 1757  | 79200                                | K                                                                                  | 127 R77 | DT | 90L4   | 480       | 490                                                                                 |
|                |                   | 1541  | 79200                                | KF                                                                                 | 127 R77 | DT | 90L4   | 520       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R77 | DT | 90L4   | 450       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DT | 90L4   | 490       | 490                                                                                 |
|                | 1.1<br>1.2<br>1.4 | 1342  | 79200                                | K                                                                                  | 127 R77 | DV | 100M4  | 485       | 490                                                                                 |
|                |                   | 1177  | 79200                                | KF                                                                                 | 127 R77 | DV | 100M4  | 530       | 490                                                                                 |
|                |                   | 1025  | 79200                                | KA                                                                                 | 127 R77 | DV | 100M4  | 460       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DV | 100M4  | 495       | 490                                                                                 |
|                | 1.6<br>1.8<br>2.0 | 899   | 79200                                | K                                                                                  | 127 R77 | DV | 100L4  | 490       | 490                                                                                 |
|                |                   | 790   | 79200                                | KF                                                                                 | 127 R77 | DV | 100L4  | 530       | 490                                                                                 |
|                |                   | 704   | 79200                                | KA                                                                                 | 127 R77 | DV | 100L4  | 465       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DV | 100L4  | 500       | 490                                                                                 |
|                | 2.3<br>2.6        | 610   | 79200                                | K                                                                                  | 127 R77 | DV | 112M4  | 495       | 490                                                                                 |
|                |                   | 549   | 79200                                | KF                                                                                 | 127 R77 | DV | 112M4  | 540       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R77 | DV | 112M4  | 470       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DV | 112M4  | 510       | 490                                                                                 |
|                | 3.0<br>3.4        | 477   | 79200                                | K                                                                                  | 127 R77 | DV | 132S4  | 500       | 490                                                                                 |
|                |                   | 418   | 79200                                | KF                                                                                 | 127 R77 | DV | 132S4  | 550       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R77 | DV | 132S4  | 475       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R77 | DV | 132S4  | 510       | 490                                                                                 |
|                | 2.6               | 536   | 79200                                | K                                                                                  | 127 R87 | DV | 112M4  | 520       | 490                                                                                 |
|                |                   |       |                                      | KF                                                                                 | 127 R87 | DV | 112M4  | 560       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R87 | DV | 112M4  | 490       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R87 | DV | 112M4  | 530       | 490                                                                                 |
|                | 3.0<br>3.4        | 473   | 79200                                | K                                                                                  | 127 R87 | DV | 132S4  | 520       | 490                                                                                 |
|                |                   | 418   | 79200                                | KF                                                                                 | 127 R87 | DV | 132S4  | 570       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R87 | DV | 132S4  | 495       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R87 | DV | 132S4  | 530       | 490                                                                                 |
|                | 3.9<br>4.3<br>5.0 | 367   | 79200                                | K                                                                                  | 127 R87 | DV | 132M4  | 550       | 490                                                                                 |
|                |                   | 330   | 79200                                | KF                                                                                 | 127 R87 | DV | 132M4  | 590       | 490                                                                                 |
|                |                   | 287   | 79200                                | KA                                                                                 | 127 R87 | DV | 132M4  | 520       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R87 | DV | 132M4  | 550       | 490                                                                                 |
|                | 5.7               | 253   | 79200                                | K                                                                                  | 127 R87 | DV | 132ML4 | 550       | 490                                                                                 |
|                |                   |       |                                      | KF                                                                                 | 127 R87 | DV | 132ML4 | 600       | 490                                                                                 |
|                |                   |       |                                      | KA                                                                                 | 127 R87 | DV | 132ML4 | 530       | 490                                                                                 |
|                |                   |       |                                      | KAF                                                                                | 127 R87 | DV | 132ML4 | 560       | 490                                                                                 |
| 18000          | 0.08              | 17679 | 112200                               | K<br>KF<br>KA<br>KAF                                                               | 157 R97 | DT | 80K4   | 790       | 490                                                                                 |
|                | 0.09              | 15729 | 112200                               |                                                                                    |         |    |        | 870       | 490                                                                                 |
|                | 0.10              | 14721 | 112200                               |                                                                                    |         |    |        | 750       | 490                                                                                 |
|                | 0.12              | 13097 | 112200                               |                                                                                    |         |    |        | 810       | 490                                                                                 |
|                | 0.13              | 11368 | 112200                               | K<br>KF<br>KA<br>KAF                                                               | 157 R97 | DT | 90S4   | 800       | 490                                                                                 |
|                | 0.16              | 10114 | 112200                               |                                                                                    |         |    |        | 870       | 490                                                                                 |
|                | 0.18              | 8718  | 112200                               |                                                                                    |         |    |        | 760       | 490                                                                                 |
|                | 0.28              | 7734  | 112200                               |                                                                                    |         |    |        | 820       | 490                                                                                 |
|                | 0.31              | 5074  | 112200                               | K<br>KF<br>KA<br>KAF                                                               | 157 R97 | DT | 90L4   | 800       | 490                                                                                 |
|                | 0.35              | 4514  | 112200                               |                                                                                    |         |    |        | 880       | 490                                                                                 |
|                | 0.40              | 3979  | 112200                               |                                                                                    |         |    |        | 760       | 490                                                                                 |
|                | 0.46              | 3516  | 112200                               |                                                                                    |         |    |        | 820       | 490                                                                                 |
|                | 0.54              | 3051  | 112200                               | K<br>KF<br>KA<br>KAF                                                               | 157 R97 | DT | 90L4   | 800       | 490                                                                                 |
|                | 0.61              | 2610  | 112200                               |                                                                                    |         |    |        | 880       | 490                                                                                 |
|                |                   | 2322  | 112200                               |                                                                                    |         |    |        | 760       | 490                                                                                 |
|                |                   |       |                                      |                                                                                    |         |    |        | 820       | 490                                                                                 |

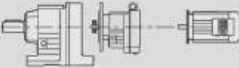


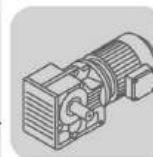
| Ma max<br>[Nm] | na<br>[1/min]                          | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |          |    |        | m<br>[kg] |  |
|----------------|----------------------------------------|-------|--------------------------------------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| <b>18000</b>   | <b>0.70</b><br><b>0.78</b>             | 2029  | 112200                               | K                                                                                  | 157 R97  | DV | 100M4  | 800       | 490                                                                                 |
|                |                                        | 1805  | 112200                               | KF                                                                                 | 157 R97  | DV | 100M4  | 880       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 100M4  | 770       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 100M4  | 830       | 490                                                                                 |
|                | <b>0.85</b><br><b>1.0</b>              | 1659  | 112200                               | K                                                                                  | 157 R97  | DV | 100M4  | 800       | 490                                                                                 |
|                |                                        | 1365  | 112200                               | KF                                                                                 | 157 R97  | DV | 100M4  | 880       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 100M4  | 760       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 100M4  | 820       | 490                                                                                 |
|                | <b>1.1</b><br><b>1.3</b>               | 1229  | 112200                               | K                                                                                  | 157 R97  | DV | 100L4  | 810       | 490                                                                                 |
|                |                                        | 1093  | 112200                               | KF                                                                                 | 157 R97  | DV | 100L4  | 880       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 100L4  | 770       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 100L4  | 830       | 490                                                                                 |
|                | <b>1.5</b><br><b>1.7</b><br><b>1.9</b> | 942   | 112200                               | K                                                                                  | 157 R97  | DV | 112M4  | 810       | 490                                                                                 |
|                |                                        | 854   | 112200                               | KF                                                                                 | 157 R97  | DV | 112M4  | 890       | 490                                                                                 |
|                |                                        | 756   | 112200                               | KA                                                                                 | 157 R97  | DV | 112M4  | 780       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 112M4  | 830       | 490                                                                                 |
|                | <b>2.2</b><br><b>2.5</b>               | 661   | 112200                               | K                                                                                  | 157 R97  | DV | 132S4  | 820       | 490                                                                                 |
|                |                                        | 567   | 112200                               | KF                                                                                 | 157 R97  | DV | 132S4  | 900       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 132S4  | 780       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 132S4  | 840       | 490                                                                                 |
|                | <b>2.8</b><br><b>3.3</b>               | 504   | 112200                               | K                                                                                  | 157 R97  | DV | 132M4  | 840       | 490                                                                                 |
|                |                                        | 434   | 112200                               | KF                                                                                 | 157 R97  | DV | 132M4  | 920       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 132M4  | 800       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 132M4  | 860       | 490                                                                                 |
|                | <b>3.8</b><br><b>4.3</b>               | 379   | 112200                               | K                                                                                  | 157 R97  | DV | 132ML4 | 850       | 490                                                                                 |
|                |                                        | 333   | 112200                               | KF                                                                                 | 157 R97  | DV | 132ML4 | 930       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 132ML4 | 810       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 132ML4 | 870       | 490                                                                                 |
|                | <b>5.0</b>                             | 291   | 112200                               | K                                                                                  | 157 R97  | DV | 160M4  | 850       | 490                                                                                 |
|                |                                        |       |                                      | KF                                                                                 | 157 R97  | DV | 160M4  | 930       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R97  | DV | 160M4  | 820       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R97  | DV | 160M4  | 870       | 490                                                                                 |
|                | <b>3.7</b><br><b>4.4</b>               | 385   | 112200                               | K                                                                                  | 157 R107 | DV | 132ML4 | 890       | 490                                                                                 |
|                |                                        | 325   | 112200                               | KF                                                                                 | 157 R107 | DV | 132ML4 | 970       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R107 | DV | 132ML4 | 860       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R107 | DV | 132ML4 | 920       | 490                                                                                 |
|                | <b>4.8</b>                             | 299   | 112200                               | K                                                                                  | 157 R107 | DV | 160M4  | 900       | 490                                                                                 |
|                |                                        |       |                                      | KF                                                                                 | 157 R107 | DV | 160M4  | 980       | 490                                                                                 |
|                |                                        |       |                                      | KA                                                                                 | 157 R107 | DV | 160M4  | 860       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R107 | DV | 160M4  | 920       | 490                                                                                 |
|                | <b>5.8</b><br><b>6.3</b><br><b>6.9</b> | 253   | 112200                               | K                                                                                  | 157 R107 | DV | 160L4  | 940       | 490                                                                                 |
|                |                                        | 230   | 112200                               | KF                                                                                 | 157 R107 | DV | 160L4  | 1020      | 490                                                                                 |
|                |                                        | 213   | 112200                               | KA                                                                                 | 157 R107 | DV | 160L4  | 900       | 490                                                                                 |
|                |                                        |       |                                      | KAF                                                                                | 157 R107 | DV | 160L4  | 960       | 490                                                                                 |
| <b>32000</b>   | <b>0.07</b>                            | 19723 | 150000                               |                                                                                    |          |    |        |           |                                                                                     |
|                | <b>0.08</b>                            | 17406 | 150000                               |                                                                                    |          |    |        |           |                                                                                     |
|                | <b>0.09</b>                            | 15000 | 150000                               | K                                                                                  | 167 R97  | DT | 80K4   | 118       | 490                                                                                 |
|                | <b>0.10</b>                            | 13238 | 150000                               | KH                                                                                 | 167 R97  | DT | 80K4   | 0         | 490                                                                                 |
|                | <b>0.12</b>                            | 11573 | 150000                               |                                                                                    |          |    |        | 114       |                                                                                     |
|                | <b>0.13</b>                            | 10264 | 150000                               |                                                                                    |          |    |        | 0         |                                                                                     |
|                | <b>0.16</b>                            | 8628  | 150000                               | K                                                                                  | 167 R97  | DT | 80N4   | 1180      | 490                                                                                 |
|                |                                        |       |                                      | KH                                                                                 | 167 R97  | DT | 80N4   | 1150      | 490                                                                                 |
|                | <b>0.21</b>                            | 6562  | 150000                               | K                                                                                  | 167 R97  | DT | 90S4   | 1190      | 490                                                                                 |
|                | <b>0.26</b>                            | 5355  | 150000                               | KH                                                                                 | 167 R97  | DT | 90S4   | 1150      | 490                                                                                 |
|                | <b>0.29</b>                            | 4788  | 150000                               | K                                                                                  | 167 R97  | DT | 90L4   | 1190      | 490                                                                                 |
|                | <b>0.35</b>                            | 4079  | 150000                               | KH                                                                                 | 167 R97  | DT | 90L4   | 1150      | 490                                                                                 |
|                | <b>0.42</b>                            | 3376  | 150000                               | K                                                                                  | 167 R97  | DV | 100M4  | 1200      | 490                                                                                 |
|                |                                        |       |                                      | KH                                                                                 | 167 R97  | DV | 100M4  | 1160      | 490                                                                                 |
|                | <b>0.51</b>                            | 2755  | 150000                               | K                                                                                  | 167 R97  | DV | 100L4  | 1200      | 490                                                                                 |
|                | <b>0.62</b>                            | 2263  | 150000                               | KH                                                                                 | 167 R97  | DV | 100L4  | 1160      | 490                                                                                 |



| Ma max<br>[Nm] | na<br>[1/min] | i     | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |          |    |        | m<br>[kg] |  |
|----------------|---------------|-------|--------------------------------------|------------------------------------------------------------------------------------|----------|----|--------|-----------|-------------------------------------------------------------------------------------|
| 32000          | 0.64          | 2182  | 150000                               | K                                                                                  | 167 R97  | DV | 100L4  | 1200      | 490                                                                                 |
|                |               |       |                                      | KH                                                                                 | 167 R97  | DV | 100L4  | 1160      | 490                                                                                 |
|                | 0.83          | 1704  | 150000                               | K                                                                                  | 167 R97  | DV | 112M4  | 1210      | 490                                                                                 |
|                | 1.0           | 1408  | 150000                               | KH                                                                                 | 167 R97  | DV | 112M4  | 1170      | 490                                                                                 |
|                | 1.1           | 1296  | 150000                               | K                                                                                  | 167 R97  | DV | 132S4  | 1210      | 490                                                                                 |
|                | 1.3           | 1101  | 150000                               | KH                                                                                 | 167 R97  | DV | 132S4  | 1170      | 490                                                                                 |
|                | 1.5           | 944   | 150000                               | K                                                                                  | 167 R97  | DV | 132M4  | 1230      | 490                                                                                 |
|                | 1.7           | 843   | 150000                               | KH                                                                                 | 167 R97  | DV | 132M4  | 1190      | 490                                                                                 |
|                | 1.9           | 757   | 150000                               | K                                                                                  | 167 R97  | DV | 132ML4 | 1240      | 490                                                                                 |
|                | 2.3           | 632   | 150000                               | KH                                                                                 | 167 R97  | DV | 132ML4 | 1200      | 490                                                                                 |
|                | 2.6           | 561   | 150000                               | K                                                                                  | 167 R97  | DV | 160M4  | 1250      | 490                                                                                 |
|                | 3.0           | 481   | 150000                               | KH                                                                                 | 167 R97  | DV | 160M4  | 1210      | 490                                                                                 |
|                | 3.5           | 423   | 150000                               | K                                                                                  | 167 R97  | DV | 160L4  | 1290      | 490                                                                                 |
|                | 4.0           | 369   | 150000                               | KH                                                                                 | 167 R97  | DV | 160L4  | 1250      | 490                                                                                 |
|                | 4.6           | 318   | 150000                               | K                                                                                  | 167 R107 | DV | 180M4  | 1350      | 490                                                                                 |
|                |               |       |                                      | KH                                                                                 | 167 R107 | DV | 180M4  | 1320      | 490                                                                                 |
|                | 5.3           | 278   | 150000                               | K                                                                                  | 167 R107 | DV | 180L4  | 1370      | 490                                                                                 |
|                | 6.0           | 244   | 150000                               | KH                                                                                 | 167 R107 | DV | 180L4  | 1330      | 490                                                                                 |
|                | 6.9           | 213   | 150000                               | K                                                                                  | 167 R107 | DV | 200L4  | 1450      | 490                                                                                 |
|                | 7.1           | 206   | 150000                               | KH                                                                                 | 167 R107 | DV | 200L4  | 1410      | 490                                                                                 |
|                | 8.2           | 180   | 150000                               | K                                                                                  | 167 R107 | DV | 225S4  | 1500      | 490                                                                                 |
|                | 9.2           | 160   | 150000                               | KH                                                                                 | 167 R107 | DV | 225S4  | 1460      | 490                                                                                 |
|                | 11            | 135   | 150000                               | K                                                                                  | 167 R107 | DV | 225M4  | 1530      | 490                                                                                 |
|                | 12            | 118   | 150000                               | KH                                                                                 | 167 R107 | DV | 225M4  | 1490      | 490                                                                                 |
| 50000          | 0.04          | 32625 | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.05          | 27165 | 189900                               | K                                                                                  | 187 R97  | DT | 80K4   | 1760      | 490                                                                                 |
|                | 0.06          | 24353 | 189900                               | KH                                                                                 | 187 R97  | DT | 80K4   | 1700      | 490                                                                                 |
|                | 0.07          | 19144 | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.08          | 16978 | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.10          | 14272 | 189900                               | K                                                                                  | 187 R97  | DT | 80N4   | 1770      | 490                                                                                 |
|                | 0.11          | 13116 | 189900                               | KH                                                                                 | 187 R97  | DT | 80N4   | 1700      | 490                                                                                 |
|                | 0.12          | 11647 | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.13          | 10413 | 189900                               | K                                                                                  | 187 R97  | DT | 90S4   | 1770      | 490                                                                                 |
|                | 0.15          | 9363  | 189900                               | KH                                                                                 | 187 R97  | DT | 90S4   | 1700      | 490                                                                                 |
|                | 0.17          | 8126  | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.19          | 7343  | 189900                               | K                                                                                  | 187 R97  | DT | 90L4   | 1770      | 490                                                                                 |
|                | 0.21          | 6747  | 189900                               | KH                                                                                 | 187 R97  | DT | 90L4   | 1710      | 490                                                                                 |
|                | 0.24          | 5991  | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.26          | 5358  | 189900                               | K                                                                                  | 187 R97  | DV | 100M4  | 1780      | 490                                                                                 |
|                | 0.29          | 4817  | 189900                               | KH                                                                                 | 187 R97  | DV | 100M4  | 1710      | 490                                                                                 |
|                | 0.32          | 4370  | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.39          | 3609  | 189900                               | K                                                                                  | 187 R97  | DV | 100L4  | 1780      | 490                                                                                 |
|                | 0.46          | 3062  | 189900                               | KH                                                                                 | 187 R97  | DV | 100L4  | 1710      | 490                                                                                 |
|                | 0.56          | 2519  | 189900                               | K                                                                                  | 187 R97  | DV | 112M4  | 1790      | 490                                                                                 |
|                | 0.63          | 2268  | 189900                               | KH                                                                                 | 187 R97  | DV | 112M4  | 1720      | 490                                                                                 |
|                | 0.69          | 2054  | 189900                               |                                                                                    |          |    |        |           |                                                                                     |
|                | 0.79          | 1821  | 189900                               | K                                                                                  | 187 R97  | DV | 132S4  | 1790      | 490                                                                                 |
|                | 0.89          | 1605  | 189900                               | KH                                                                                 | 187 R97  | DV | 132S4  | 1730      | 490                                                                                 |
|                | 1.0           | 1395  | 189900                               | K                                                                                  | 187 R97  | DV | 132M4  | 1810      | 490                                                                                 |
|                | 1.2           | 1196  | 189900                               | KH                                                                                 | 187 R97  | DV | 132M4  | 1750      | 490                                                                                 |
|                | 1.4           | 1046  | 189900                               | K                                                                                  | 187 R97  | DV | 132ML4 | 1820      | 490                                                                                 |
|                | 1.5           | 945   | 189900                               | KH                                                                                 | 187 R97  | DV | 132ML4 | 1760      | 490                                                                                 |



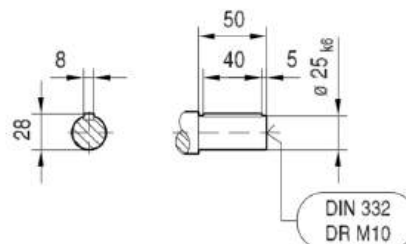
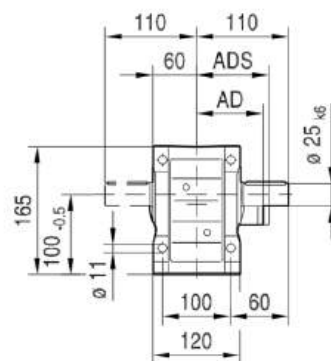
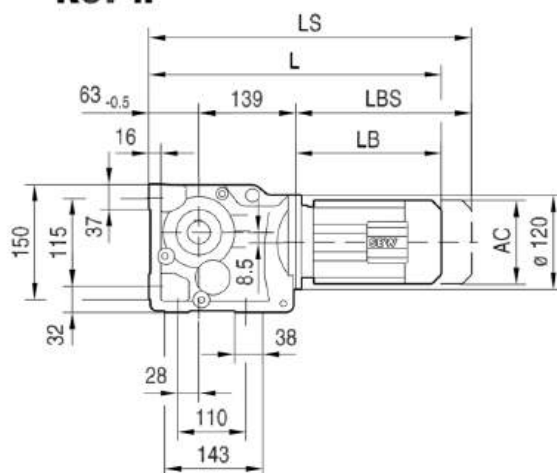
| Ma max<br>[Nm] | na<br>[1/min] | i   | F <sub>Ra</sub> <sup>1)</sup><br>[N] |  |          |    |       | m<br>[kg] |  |
|----------------|---------------|-----|--------------------------------------|------------------------------------------------------------------------------------|----------|----|-------|-----------|-------------------------------------------------------------------------------------|
| 50000          | 2.0           | 738 | 189900                               | K                                                                                  | 187 R97  | DV | 160L4 | 1870      | 490                                                                                 |
|                | 2.4           | 621 | 189900                               | KH                                                                                 | 187 R97  | DV | 160L4 | 1800      | 490                                                                                 |
|                | 2.8           | 527 | 189900                               | K                                                                                  | 187 R97  | DV | 180M4 | 1890      | 490                                                                                 |
|                |               |     |                                      | KH                                                                                 | 187 R97  | DV | 180M4 | 1820      | 490                                                                                 |
|                | 1.7           | 835 | 189900                               | K                                                                                  | 187 R107 | DV | 160M4 | 1870      | 490                                                                                 |
|                |               |     |                                      | KH                                                                                 | 187 R107 | DV | 160M4 | 1810      | 490                                                                                 |
|                | 2.0           | 729 | 189900                               | K                                                                                  | 187 R107 | DV | 160L4 | 1920      | 490                                                                                 |
|                | 2.4           | 622 | 189900                               | KH                                                                                 | 187 R107 | DV | 160L4 | 1850      | 490                                                                                 |
|                | 2.8           | 520 | 189900                               | K                                                                                  | 187 R107 | DV | 180M4 | 1940      | 490                                                                                 |
|                | 3.2           | 454 | 189900                               | KH                                                                                 | 187 R107 | DV | 180M4 | 1870      | 490                                                                                 |
|                | 4.1           | 355 | 189900                               | K                                                                                  | 187 R107 | DV | 200L4 | 2030      | 490                                                                                 |
|                |               |     |                                      | KH                                                                                 | 187 R107 | DV | 200L4 | 1970      | 490                                                                                 |
|                | 5.6           | 261 | 189900                               | K                                                                                  | 187 R107 | DV | 225S4 | 2080      | 490                                                                                 |
|                |               |     |                                      | KH                                                                                 | 187 R107 | DV | 225S4 | 2020      | 490                                                                                 |
|                | 6.6           | 221 | 189900                               | K                                                                                  | 187 R107 | DV | 225M4 | 2110      | 490                                                                                 |
|                | 7.6           | 193 | 189900                               | KH                                                                                 | 187 R107 | DV | 225M4 | 2040      | 490                                                                                 |
|                | 9.0           | 163 | 189900                               |                                                                                    |          |    |       |           |                                                                                     |



10.5 K ..[mm]

34 001 03 00

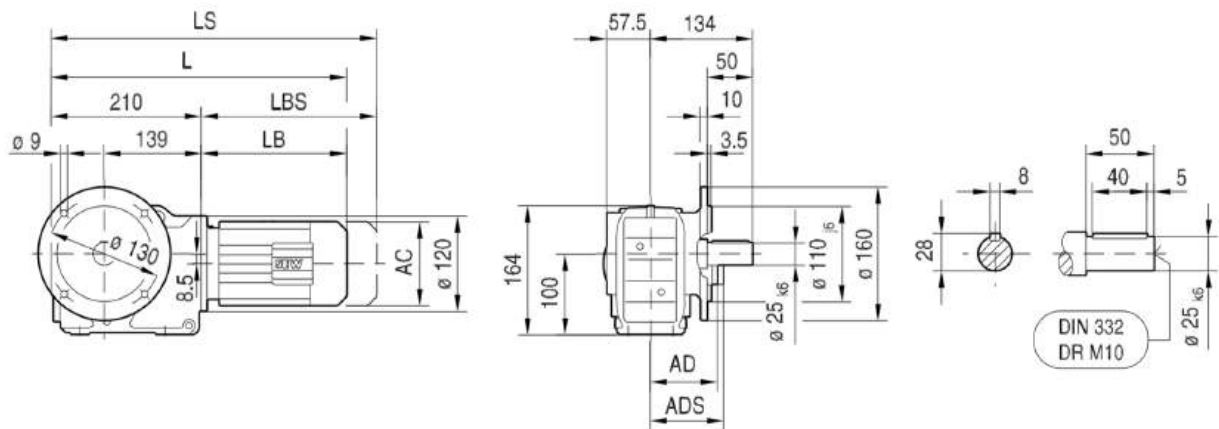
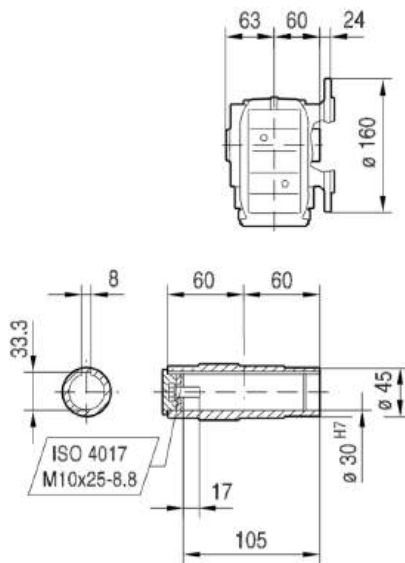
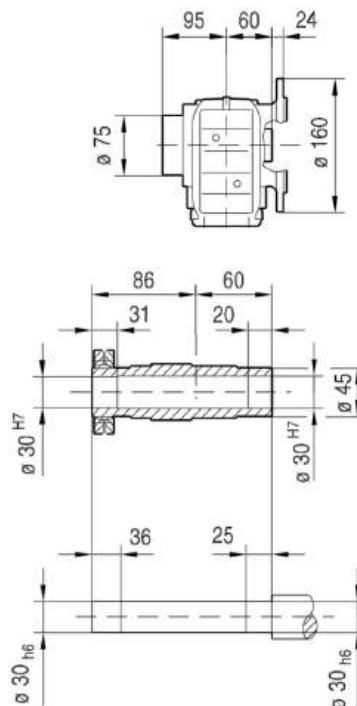
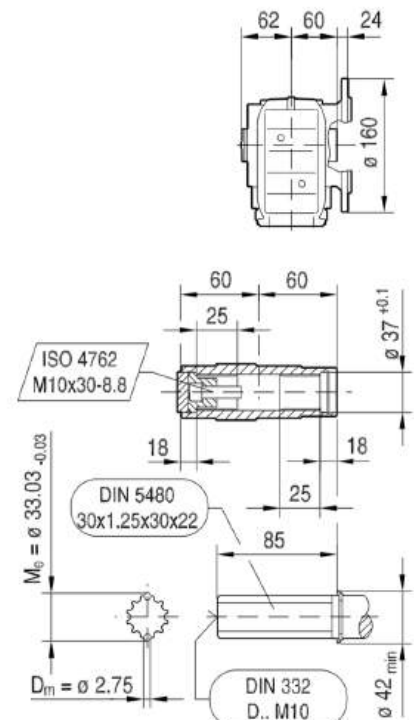
**K37 ..**



| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |
| L LS   | 393    | 408   | 458    | 478    | 530    | 560    |  |  |  |  |  |
| LB     | 448    | 471   | 521    | 563    | 615    | 645    |  |  |  |  |  |
| LBS    | 191    | 206   | 256    | 276    | 328    | 358    |  |  |  |  |  |
|        | 246    | 269   | 319    | 361    | 413    | 443    |  |  |  |  |  |



34 013 03 00

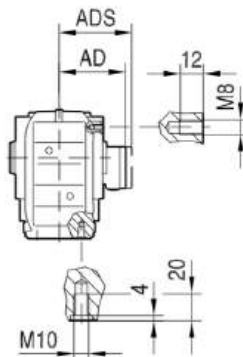
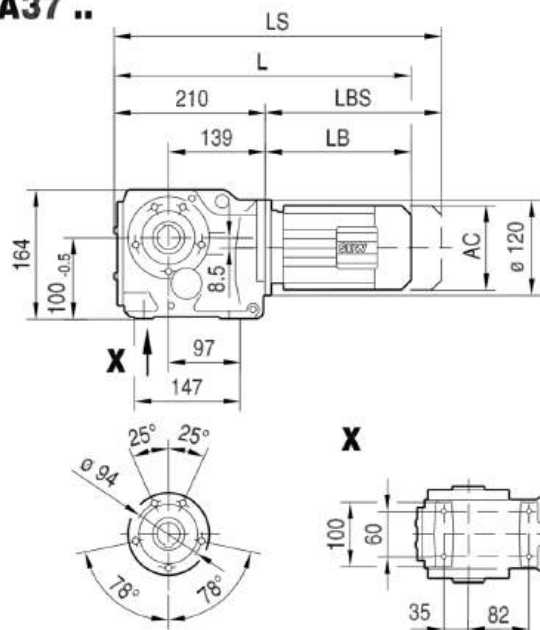
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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |
| L LS   | 401    | 416   | 466    | 486    | 538    | 568    |  |  |  |  |
| LB     | 456    | 479   | 529    | 571    | 623    | 653    |  |  |  |  |
| LBS    | 191    | 206   | 256    | 276    | 328    | 358    |  |  |  |  |
|        | 246    | 269   | 319    | 361    | 413    | 443    |  |  |  |  |

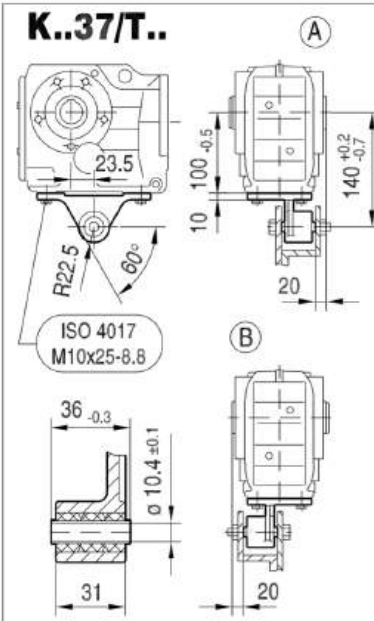


39 001 03 00

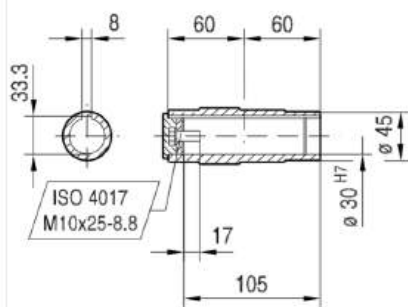
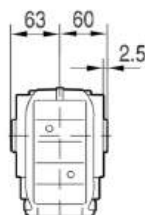
**KA37 ..**



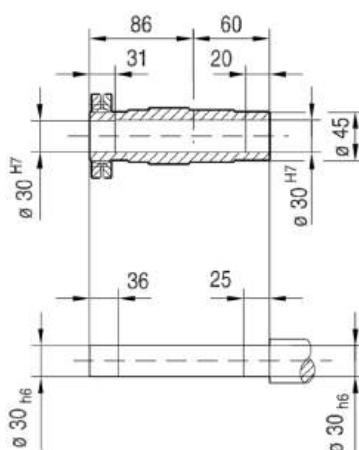
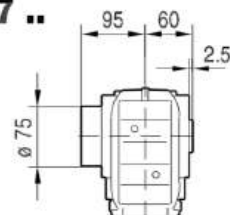
**K..37/T..**



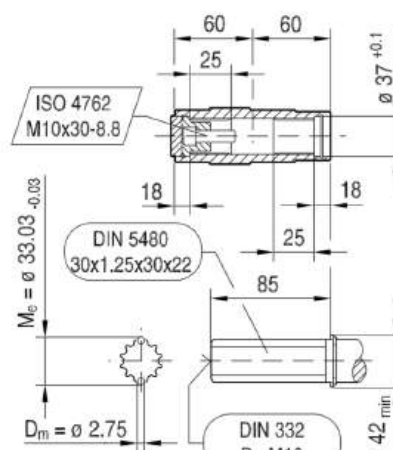
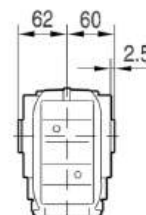
**KA37 ..**



**KH37 ..**



**KV37 ..**

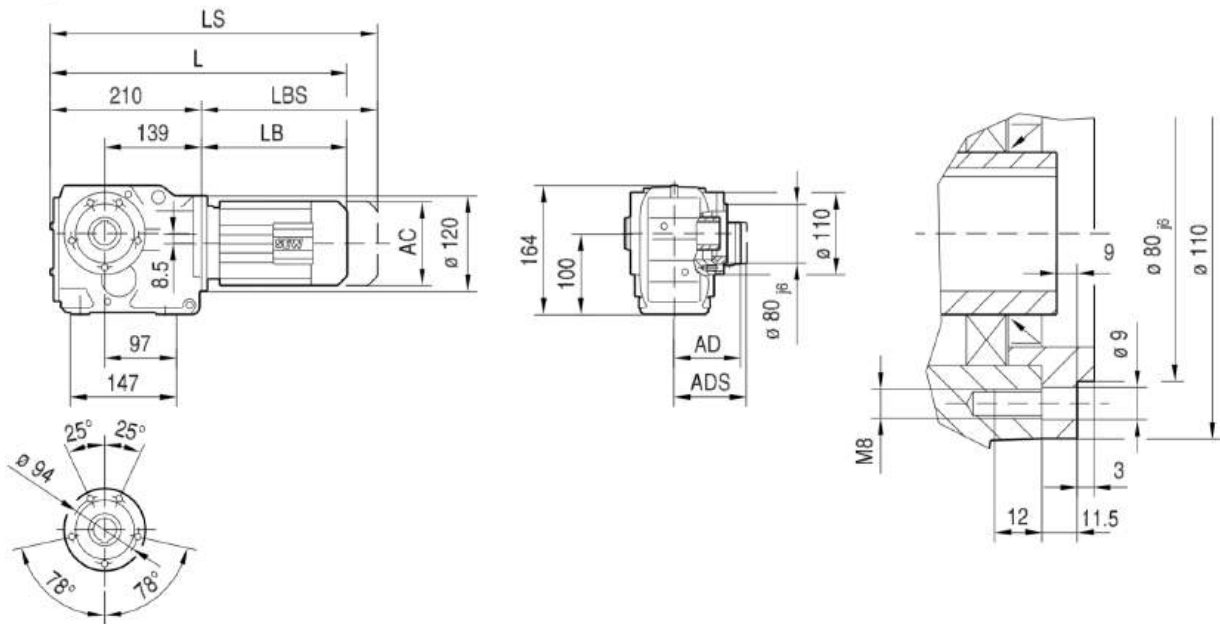
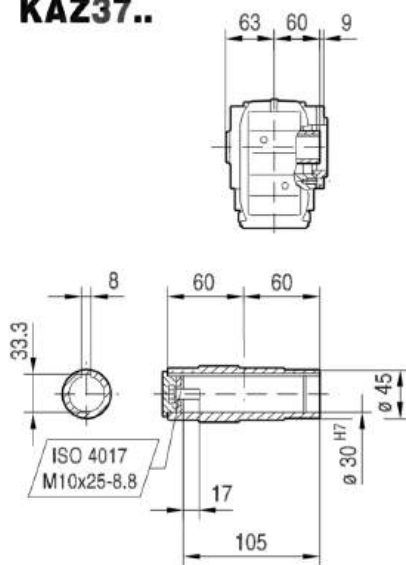
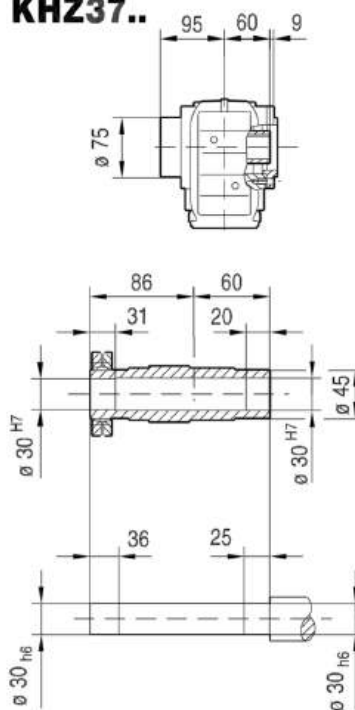
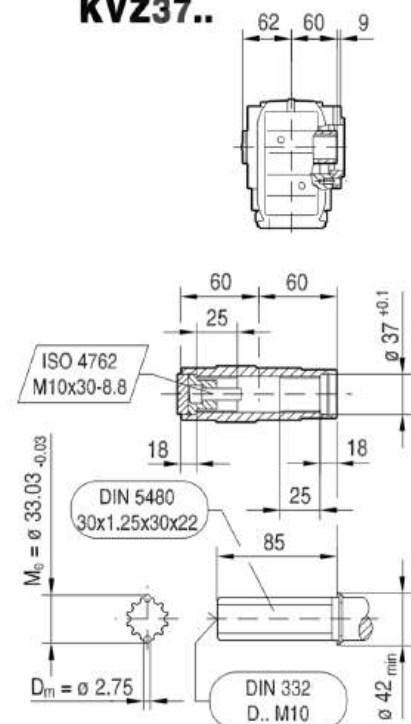


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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |
| L LS   | 401    | 416   | 466    | 486    | 538    | 568    |  |  |  |  |
| LB     | 456    | 479   | 529    | 571    | 623    | 653    |  |  |  |  |
| LBS    | 191    | 206   | 256    | 276    | 328    | 358    |  |  |  |  |
|        | 246    | 269   | 319    | 361    | 413    | 443    |  |  |  |  |



39 011 03 00

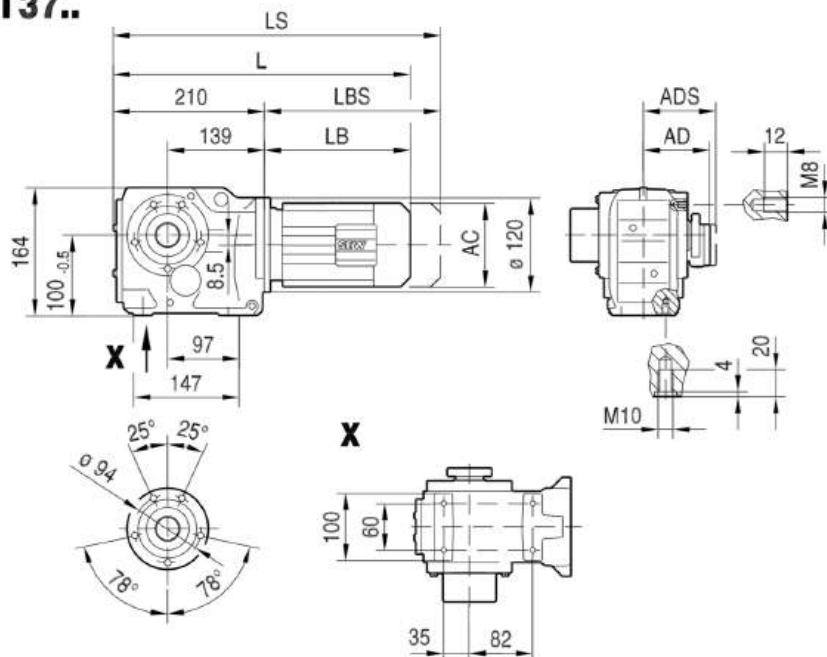
**KAZ37..****KAZ37..****KHZ37..****KVZ37..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |  |
| L LS   | 401    | 416   | 466    | 486    | 538    | 568    |  |  |  |  |  |  |
| LB     | 456    | 479   | 529    | 571    | 623    | 653    |  |  |  |  |  |  |
| LBS    | 191    | 206   | 256    | 276    | 328    | 358    |  |  |  |  |  |  |
|        | 246    | 269   | 319    | 361    | 413    | 443    |  |  |  |  |  |  |

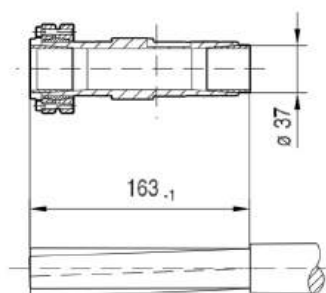
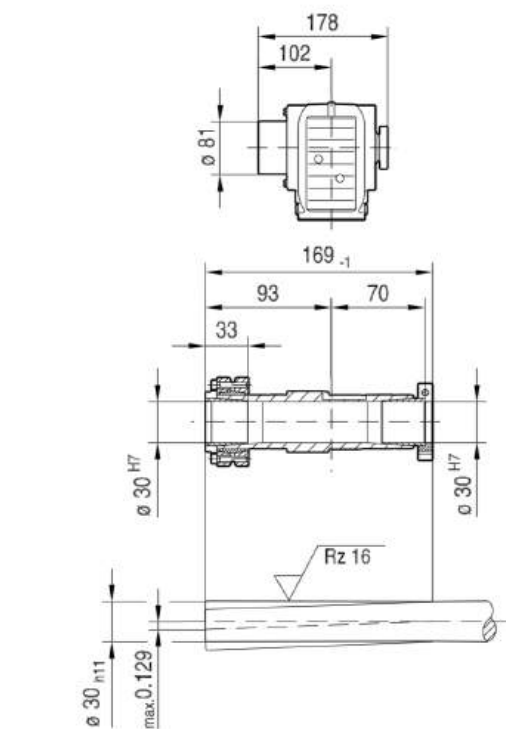
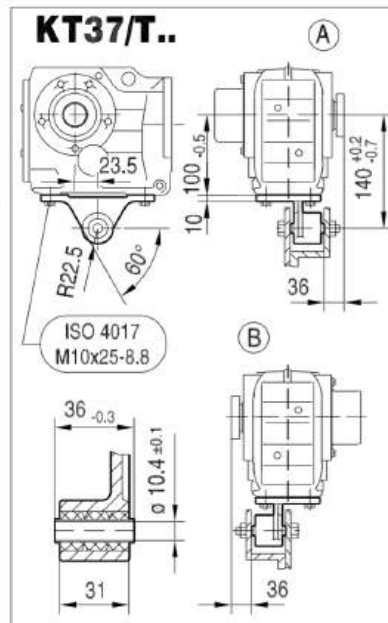


39 006 00 03

**KT37..**



**KT37/T..**

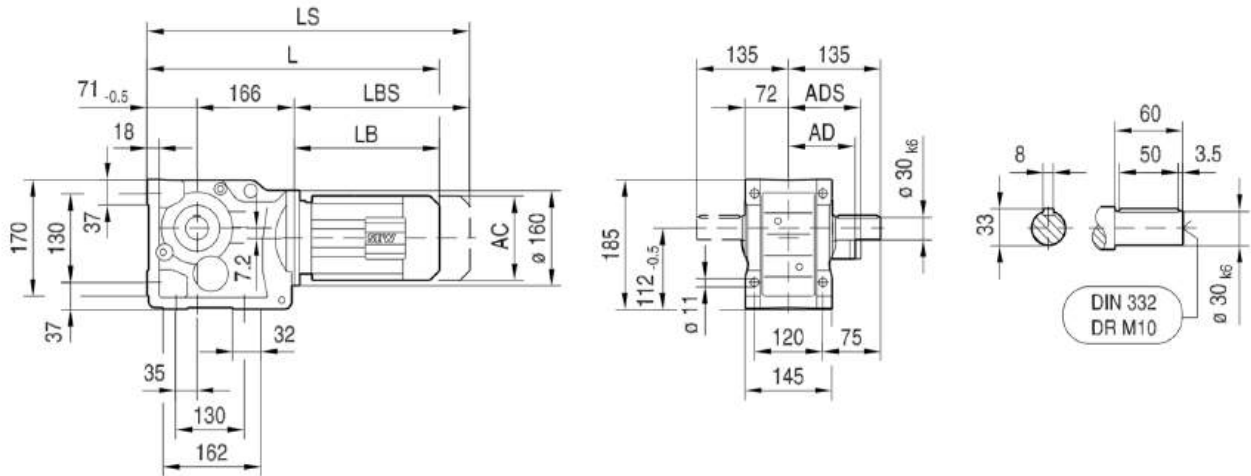
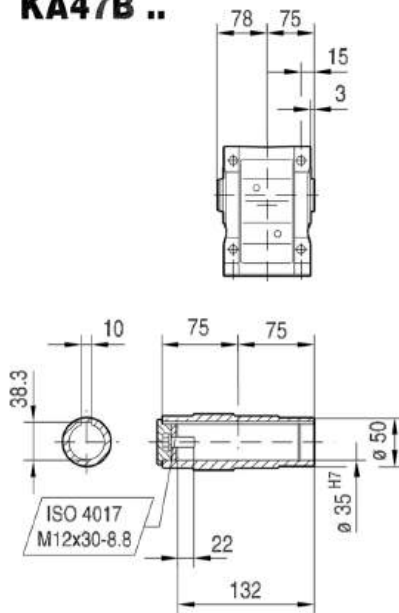
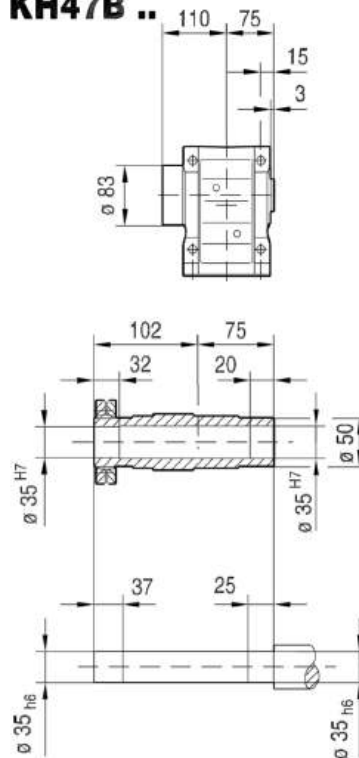
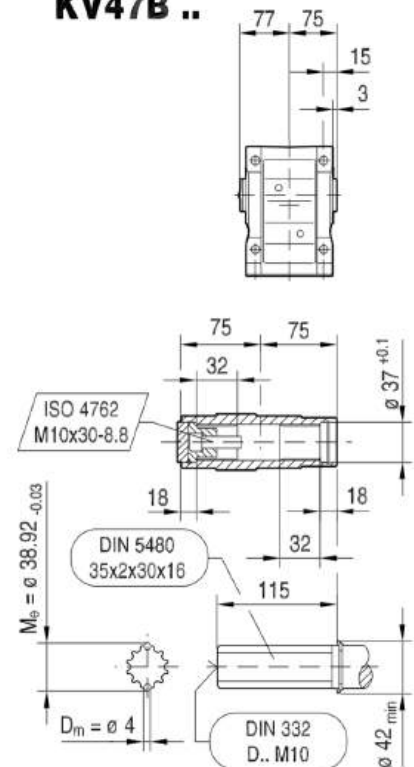


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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |
| L LS   | 401    | 416   | 466    | 486    | 538    | 568    |  |  |  |  |  |
| LB     | 456    | 479   | 529    | 571    | 623    | 653    |  |  |  |  |  |
| LBS    | 191    | 206   | 256    | 276    | 328    | 358    |  |  |  |  |  |
|        | 246    | 269   | 319    | 361    | 413    | 443    |  |  |  |  |  |



34 002 02 00

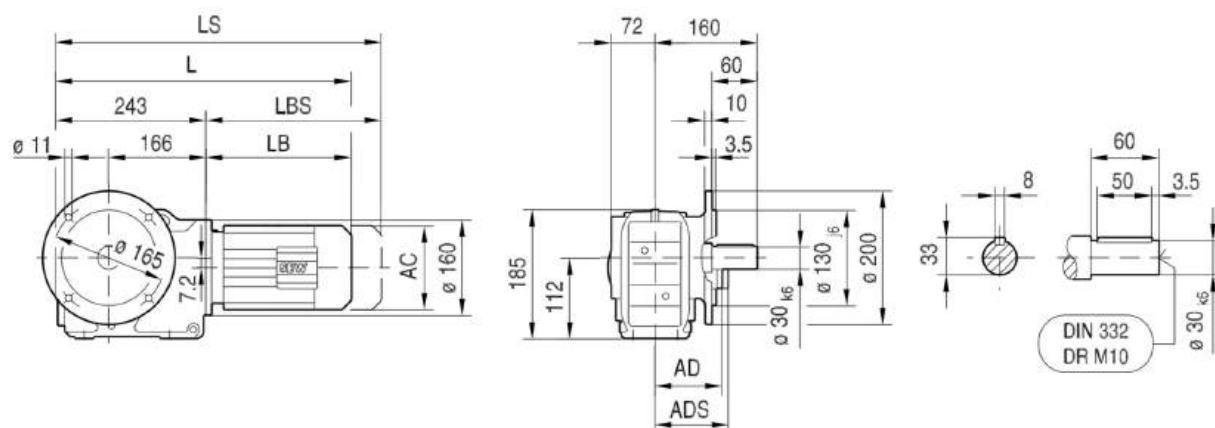
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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |
| L LS   | 422    | 436   | 486    | 506    | 556    | 586    |  |  |  |  |  |
| LB     | 477    | 500   | 550    | 591    | 641    | 671    |  |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    |  |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    |  |  |  |  |  |

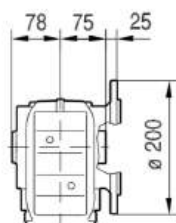


34 014 02 00

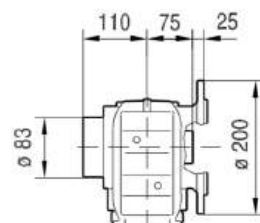
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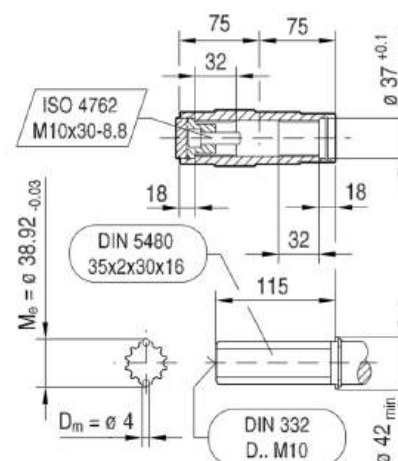
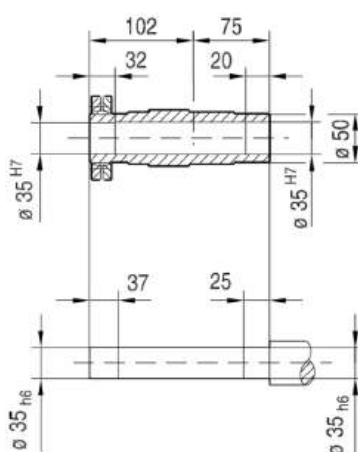
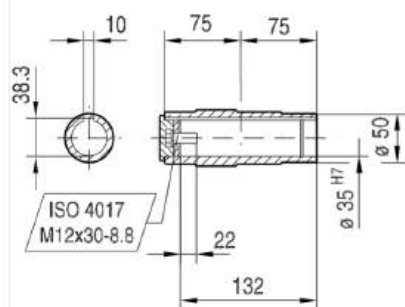
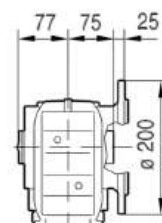
**KAF47..**



**KHF47..**



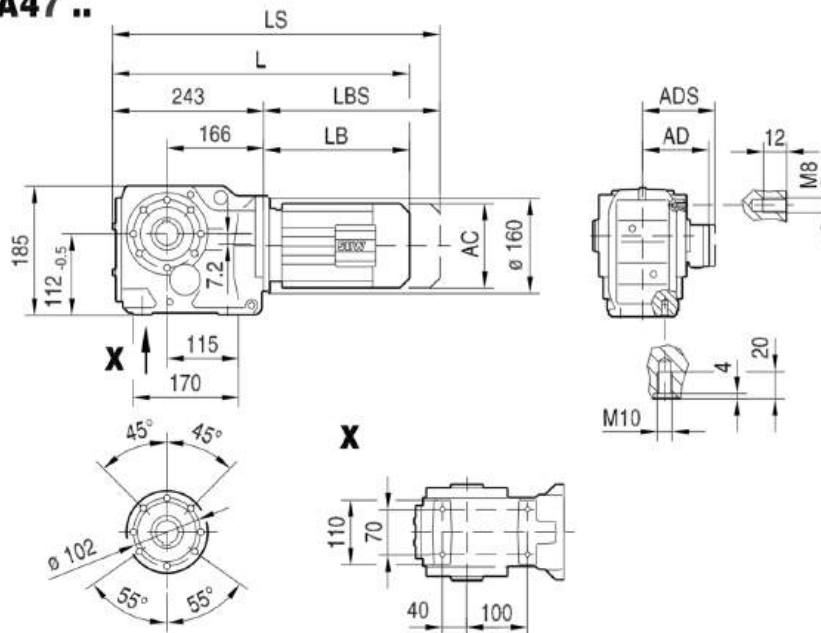
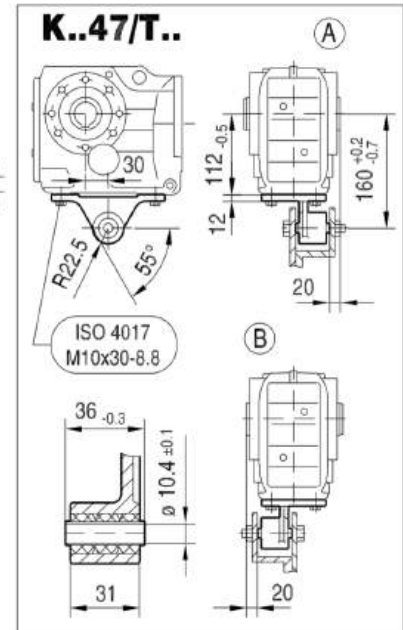
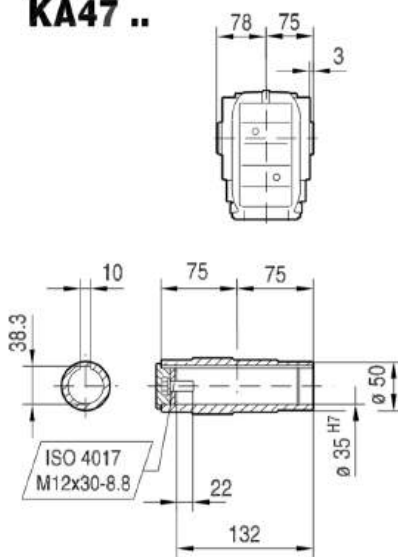
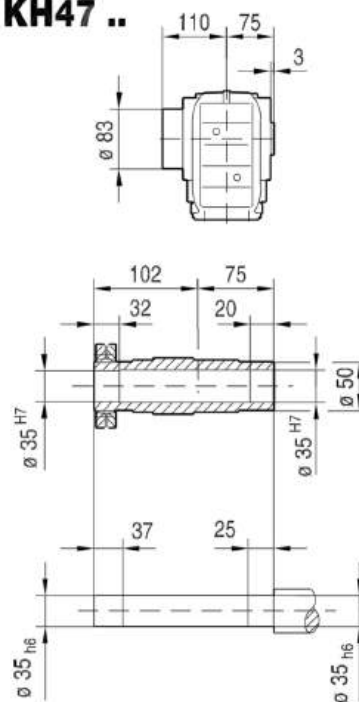
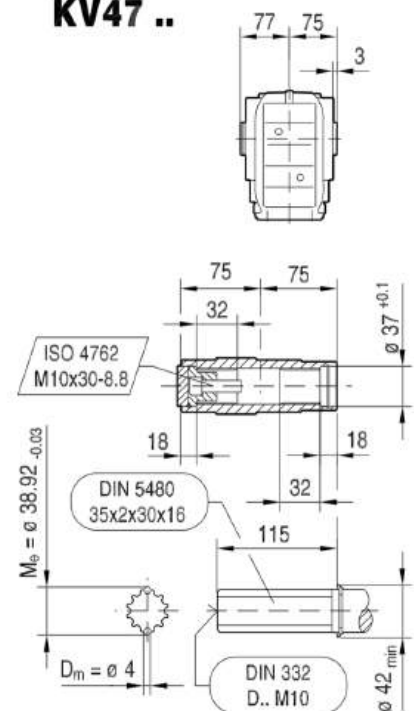
**KVF47..**



| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |  |
| L LS   | 428    | 442   | 492    | 512    | 562    | 592    |  |  |  |  |  |  |
| LB     | 483    | 506   | 556    | 597    | 647    | 677    |  |  |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    |  |  |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    |  |  |  |  |  |  |



39 002 02 00

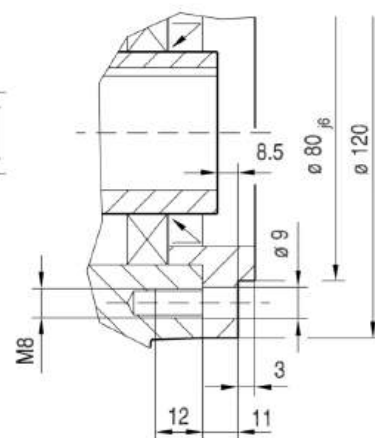
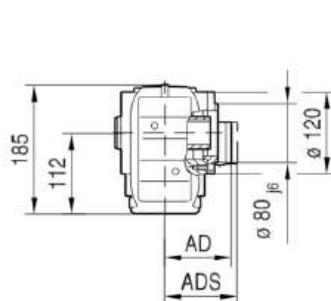
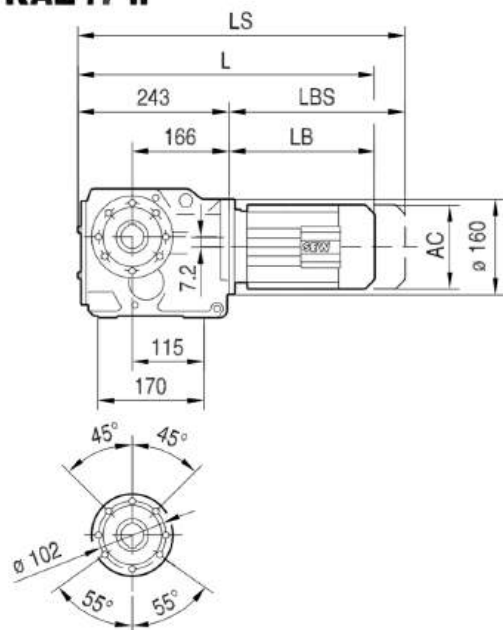
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| ( 102 ) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |  |
|---------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|--|
| AC      | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |  |
| AD      | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |  |
| ADS     | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |  |
| L LS    | 428    | 442   | 492    | 512    | 562    | 592    |  |  |  |  |  |  |
| LB      | 483    | 506   | 556    | 597    | 647    | 677    |  |  |  |  |  |  |
| LBS     | 185    | 199   | 249    | 269    | 319    | 349    |  |  |  |  |  |  |
|         | 240    | 263   | 313    | 354    | 404    | 434    |  |  |  |  |  |  |

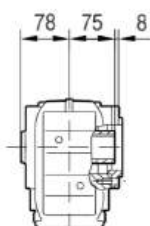


39 012 02 00

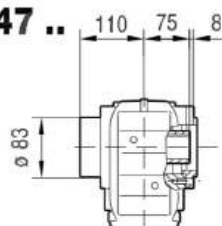
# KAZ47 ..



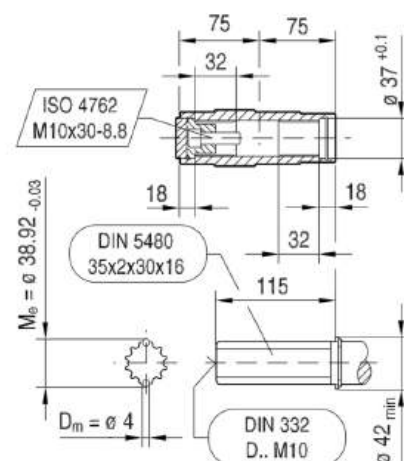
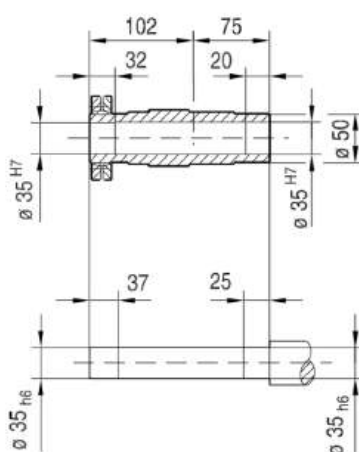
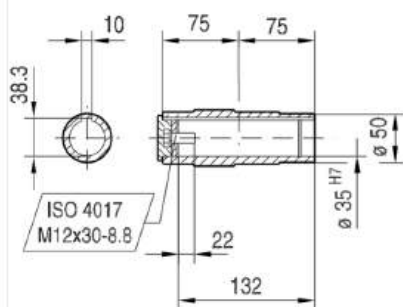
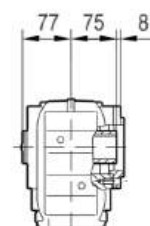
# KAZ47 ..



# KHZ47 ..



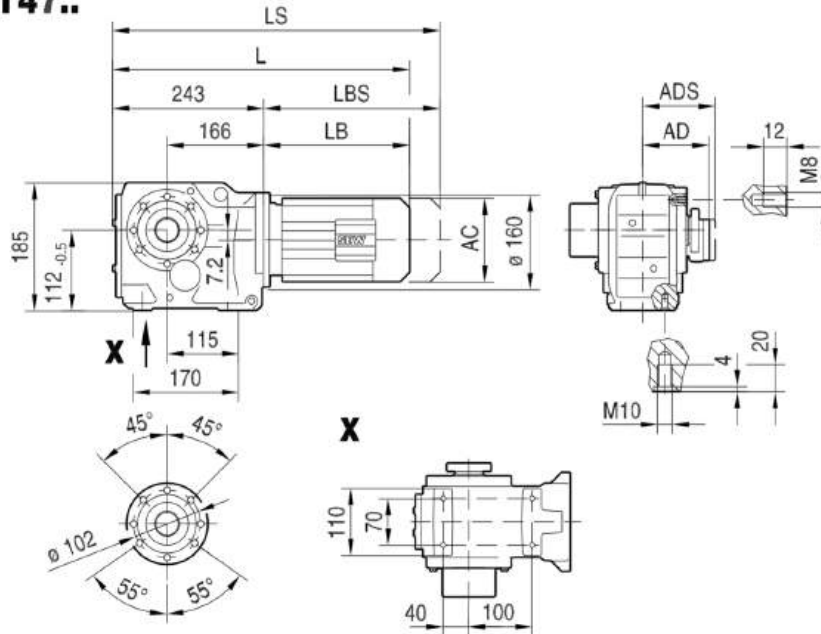
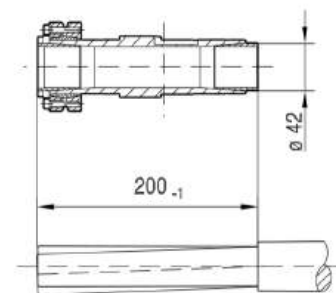
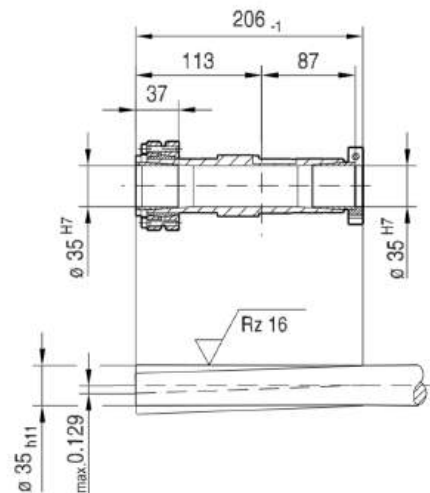
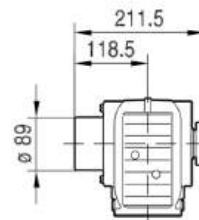
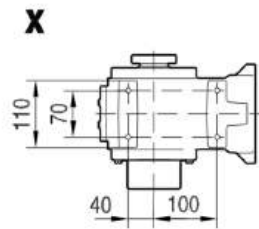
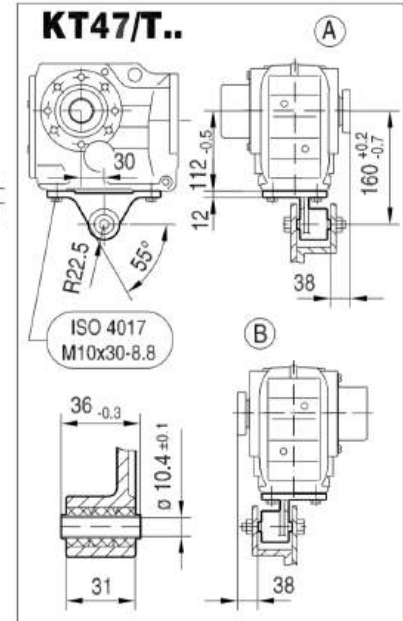
# KVZ47 ..



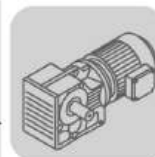
| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |  |  |
| L LS   | 428    | 442   | 492    | 512    | 562    | 592    |  |  |  |  |  |  |
| LB     | 483    | 506   | 556    | 597    | 647    | 677    |  |  |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    |  |  |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    |  |  |  |  |  |  |



39 007 00 03

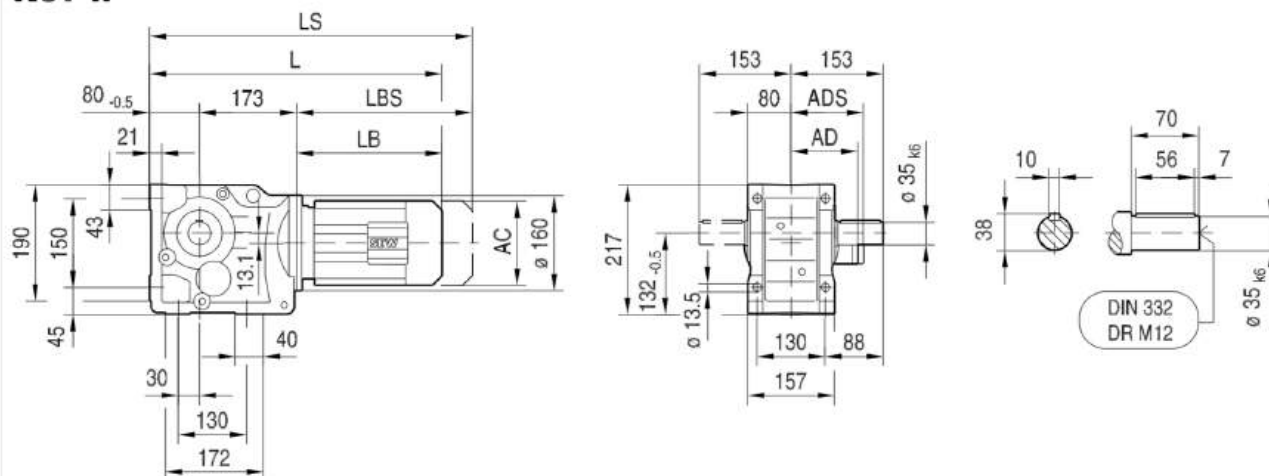
**KT47..****KT47/T..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    |  |  |  |  |
| L LS   | 428    | 442   | 492    | 512    | 562    | 592    |  |  |  |  |
| LB     | 483    | 506   | 556    | 597    | 647    | 677    |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    |  |  |  |  |

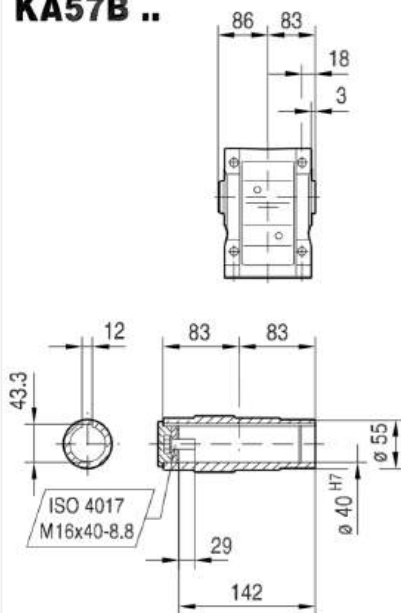


34 003 02 00

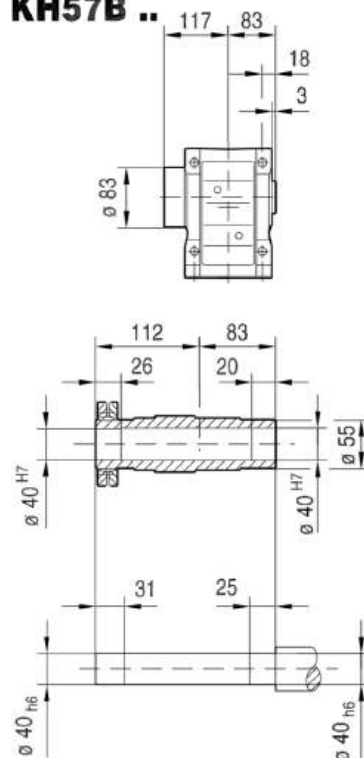
**K57 ..**



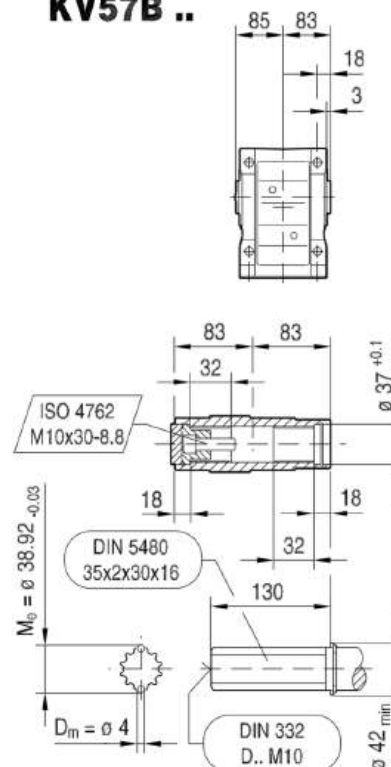
**KA57B ..**



**KH57B ..**



**KV57B ..**

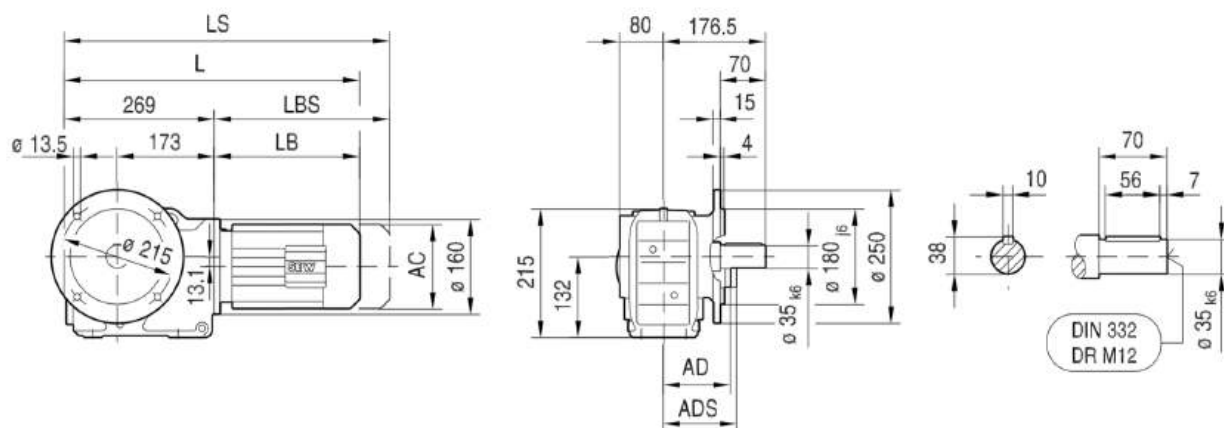
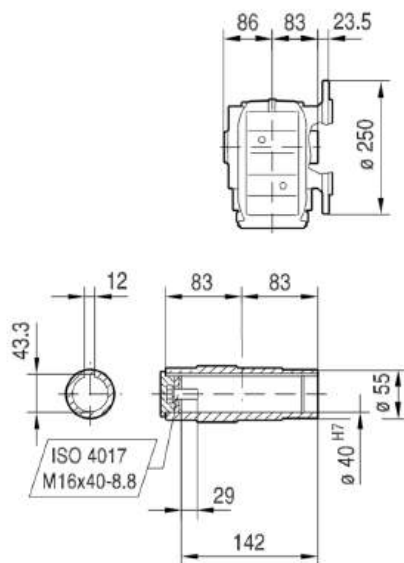
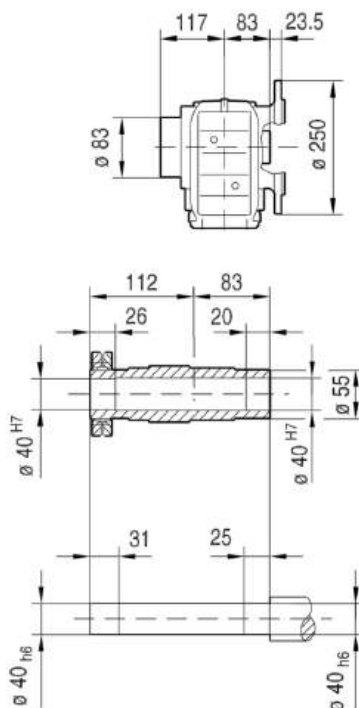
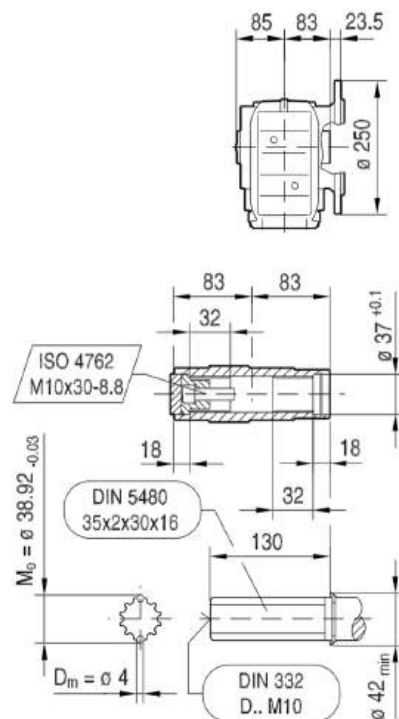


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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    |  |  |  |
| L LS   | 438    | 452   | 502    | 522    | 572    | 602    | 607    |  |  |  |
| LB     | 493    | 516   | 566    | 607    | 657    | 687    | 687    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    |  |  |  |



34 015 02 00

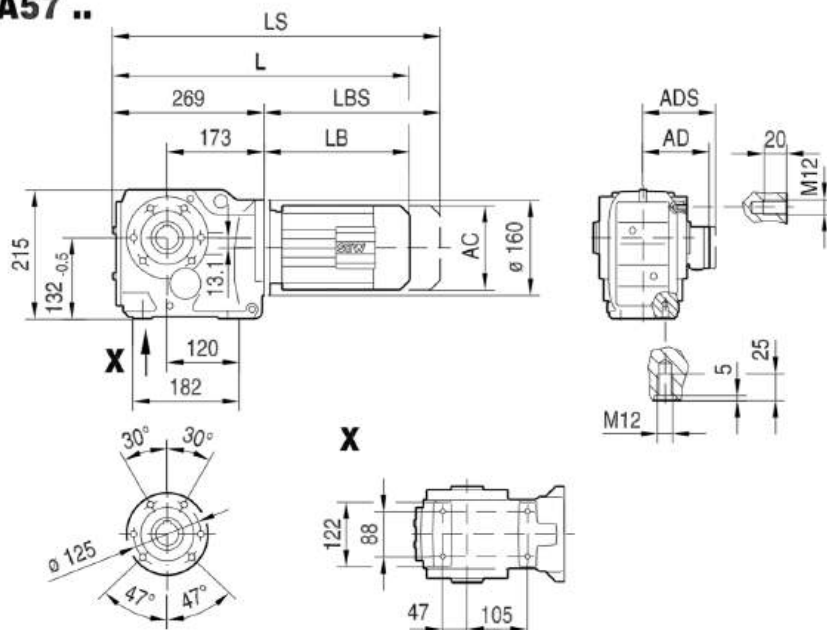
**KF57..****KAF57..****KHF57..****KVF57..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    |  |  |  |
| L LS   | 454    | 468   | 518    | 538    | 588    | 618    | 623    |  |  |  |
| LB     | 509    | 532   | 582    | 623    | 673    | 703    | 703    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    |  |  |  |

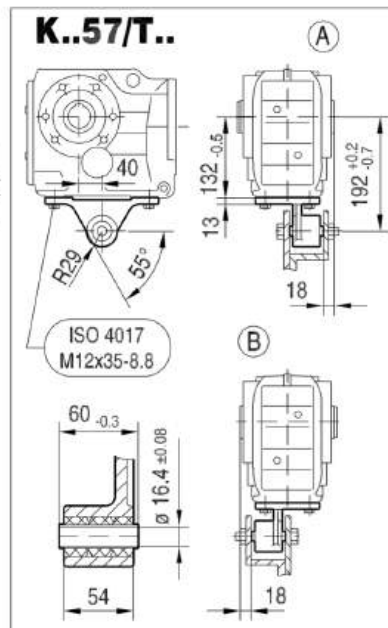


39 003 02 00

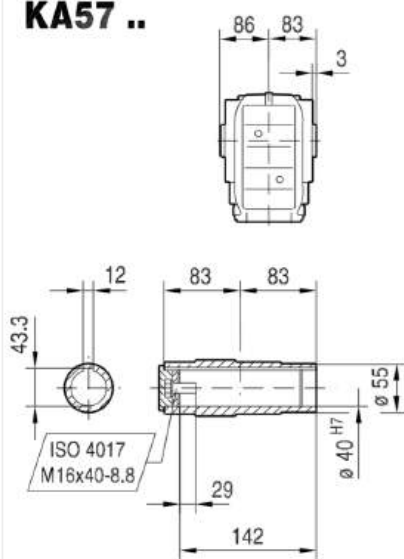
**KA57 ..**



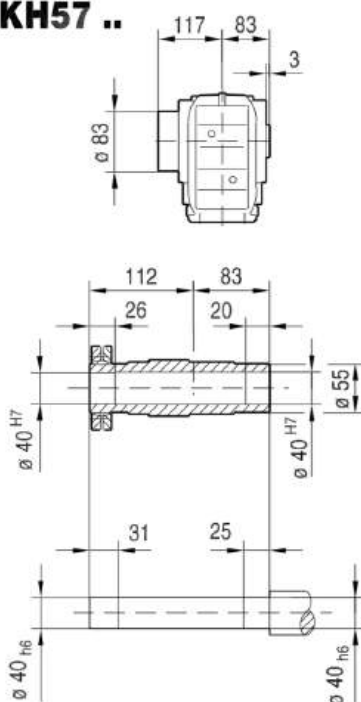
**K..57/T..**



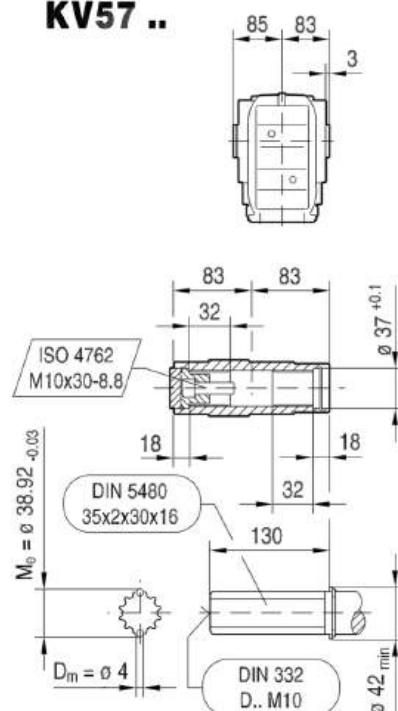
**KA57 ..**



**KH57 ..**



**KV57 ..**

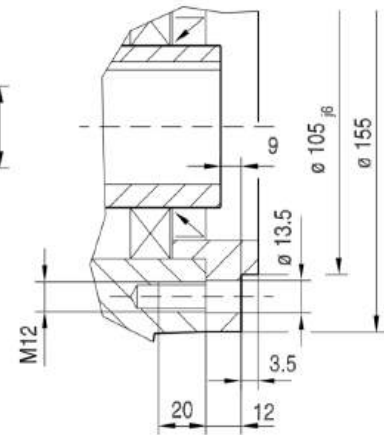
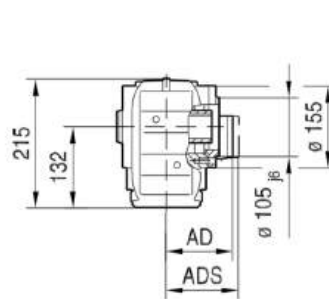
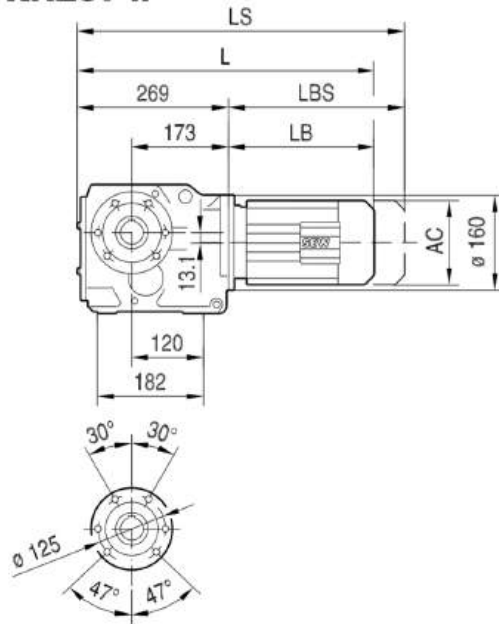
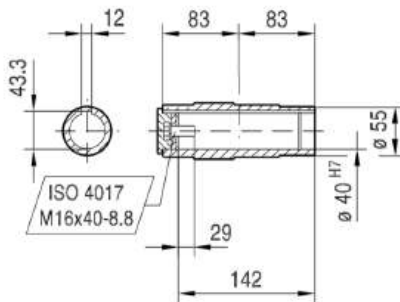
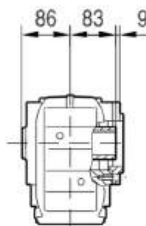
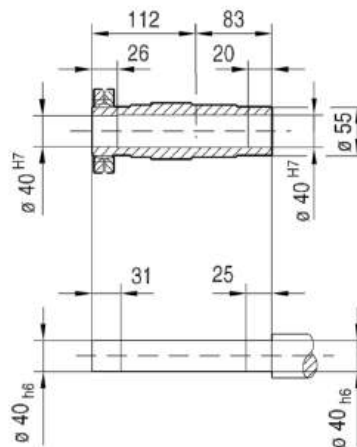
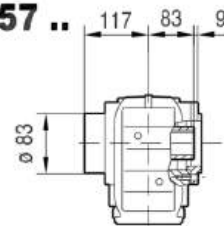
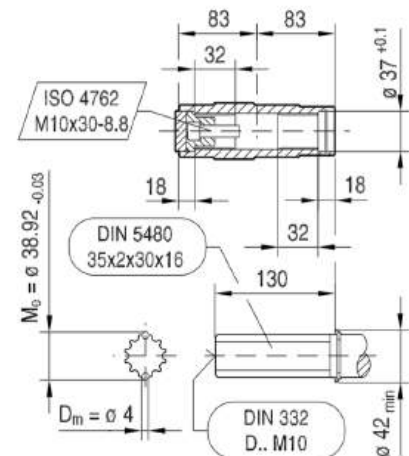
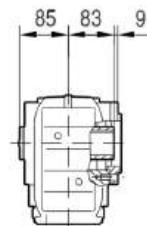


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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    |  |  |  |  |
| L LS   | 454    | 468   | 518    | 538    | 588    | 618    | 623    |  |  |  |  |
| LB     | 509    | 532   | 582    | 623    | 673    | 703    | 703    |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    |  |  |  |  |



39 013 02 00

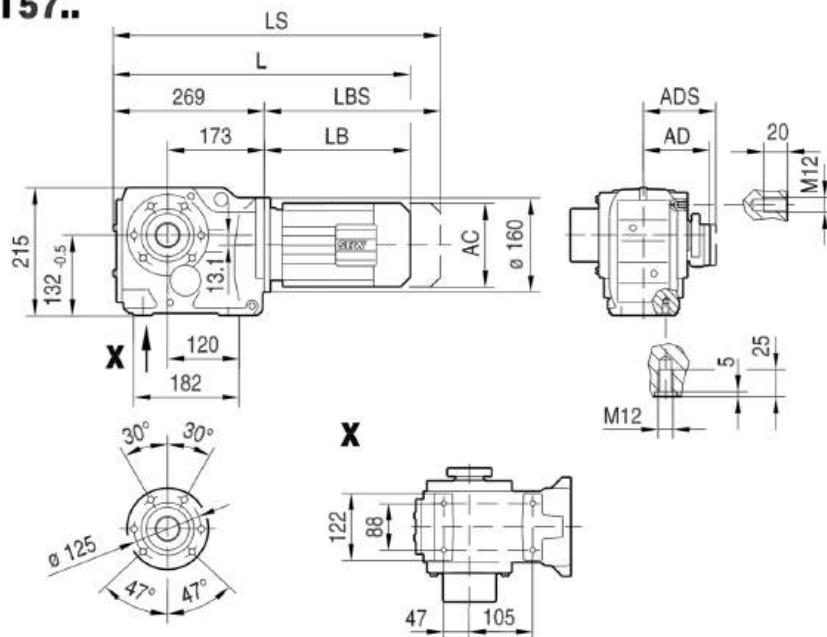
**KAZ57 ..****KAZ57 ..****KHZ57 ..****KVZ57 ..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M |  |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    |  |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    |  |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    |  |  |  |  |
| L LS   | 454    | 468   | 518    | 538    | 588    | 618    | 623    |  |  |  |  |
| LB     | 509    | 532   | 582    | 623    | 673    | 703    | 703    |  |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    |  |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    |  |  |  |  |

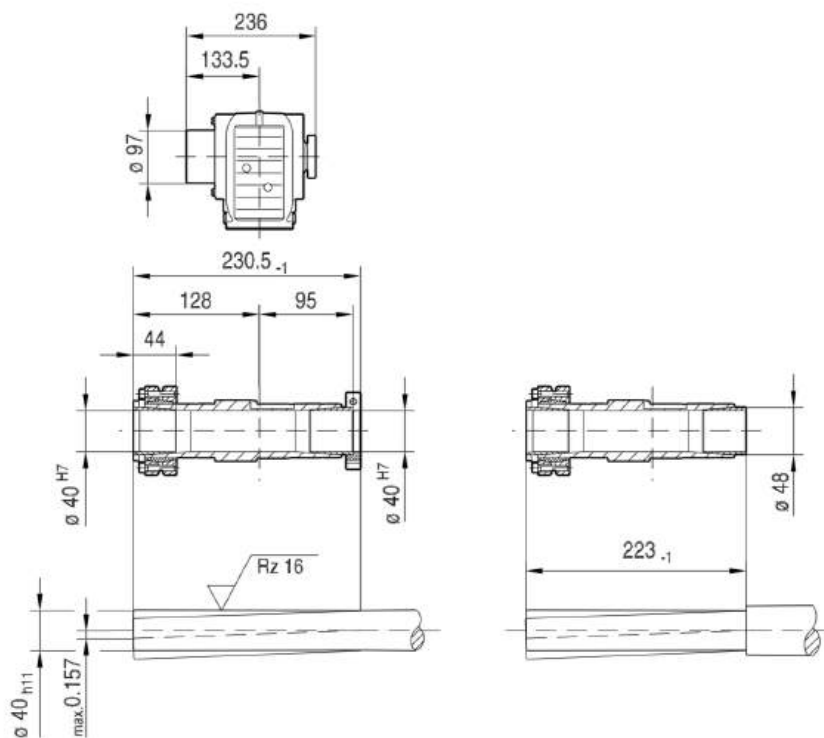
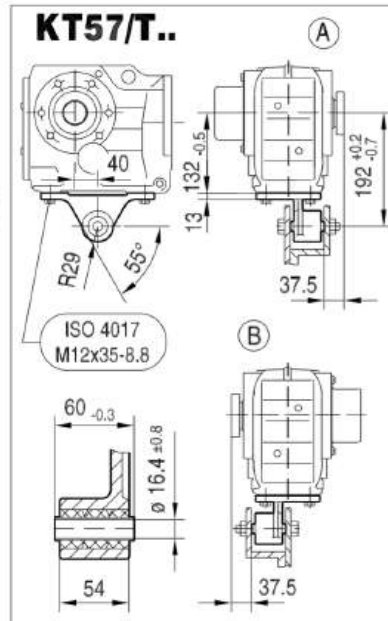


39 008 00 03

**KT57..**



**KT57/T..**



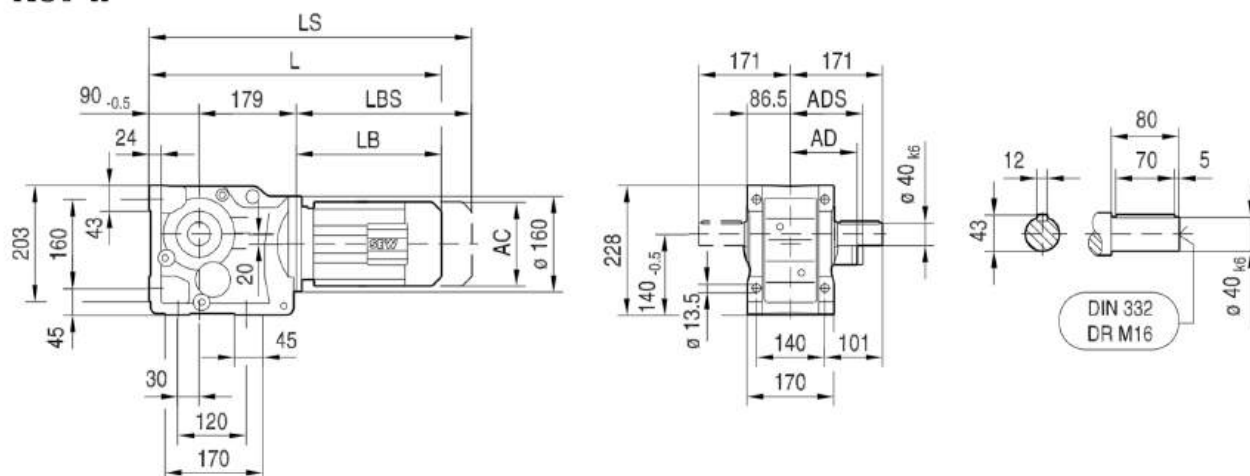
107

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    |  |  |  |
| L LS   | 454    | 468   | 518    | 538    | 588    | 618    | 623    |  |  |  |
| LB     | 509    | 532   | 582    | 623    | 673    | 703    | 703    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    |  |  |  |

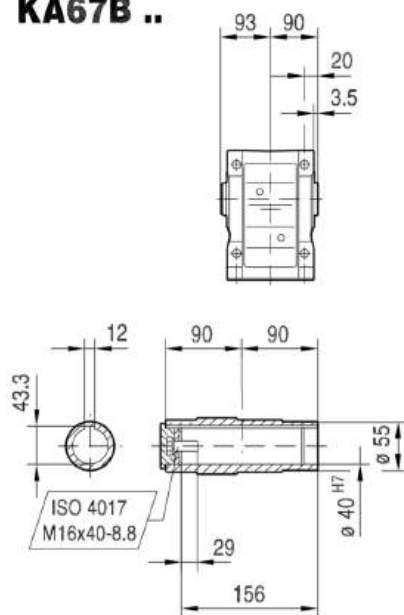


34 004 03 00

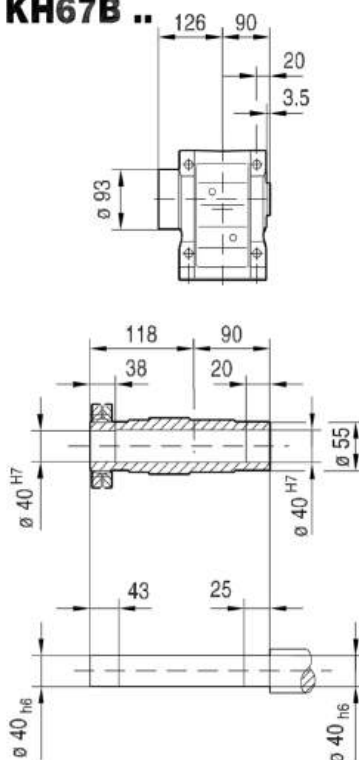
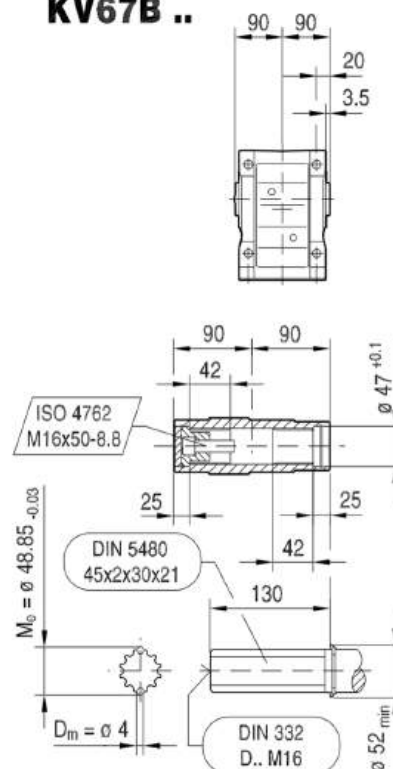
**K67 ..**



**KA67B ..**



**KH67B ..**

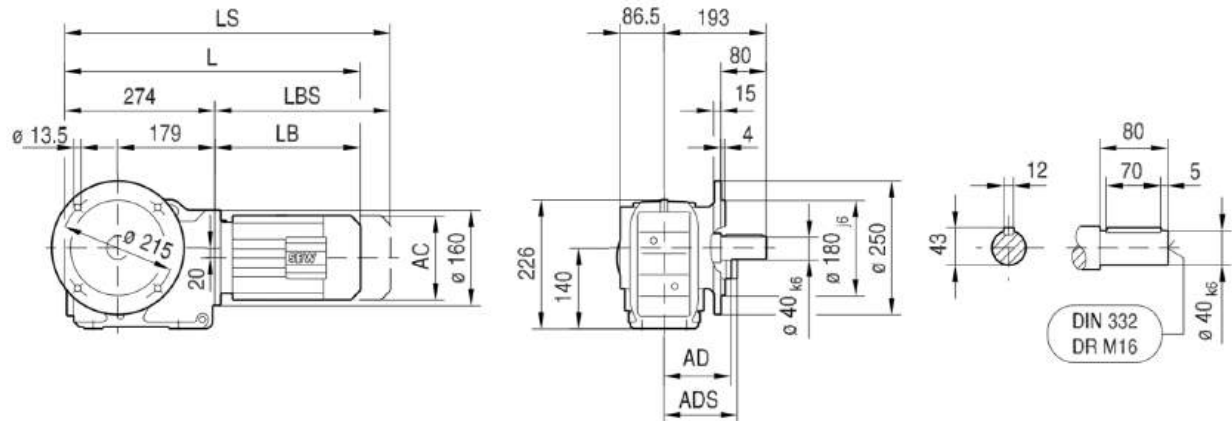
**KV67B ..**

| (  102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S |  |  |  |
|--------------------------------------------------------------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC                                                                                         | 132    | 145   | 145    | 197    | 197    | 197    | 221    | 221    |  |  |  |
| AD                                                                                         | 105    | 122   | 122    | 154    | 166    | 166    | 179    | 179    |  |  |  |
| ADS                                                                                        | 105    | 127   | 127    | 161    | 166    | 166    | 182    | 182    |  |  |  |
| L LS                                                                                       | 454    | 468   | 518    | 538    | 588    | 618    | 623    | 671    |  |  |  |
| LB                                                                                         | 509    | 532   | 582    | 623    | 673    | 703    | 703    | 751    |  |  |  |
| LBS                                                                                        | 185    | 199   | 249    | 269    | 319    | 349    | 354    | 402    |  |  |  |
|                                                                                            | 240    | 263   | 313    | 354    | 404    | 434    | 434    | 482    |  |  |  |



# KF67..

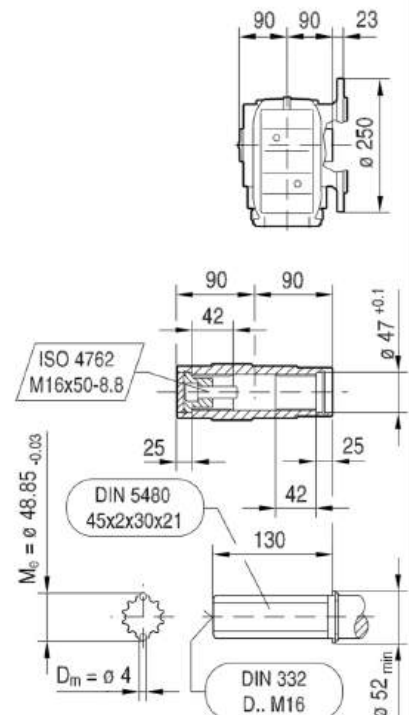
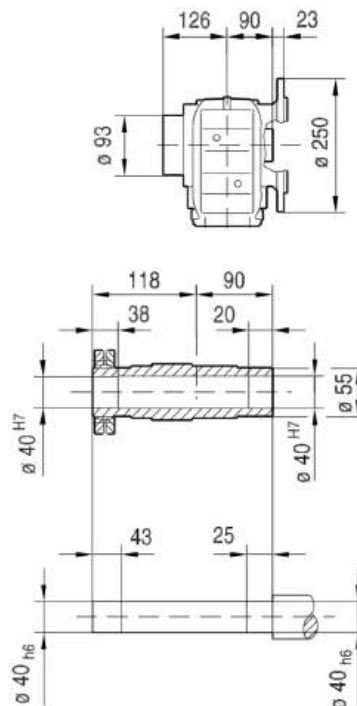
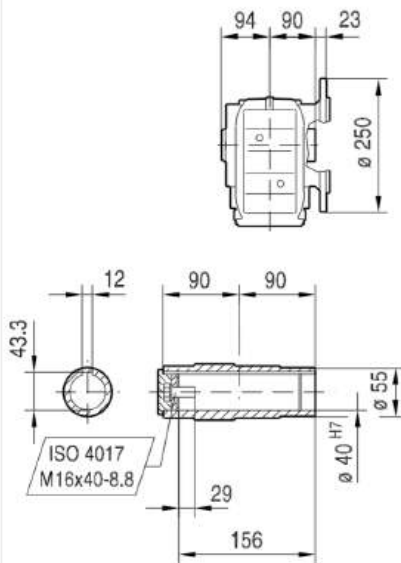
34 016 03 00



# KAF67..

# KHF67..

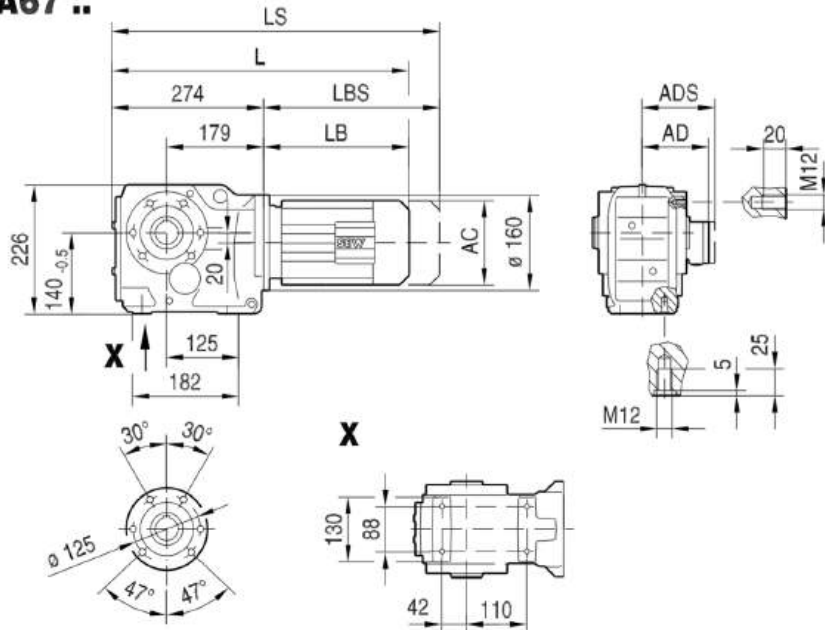
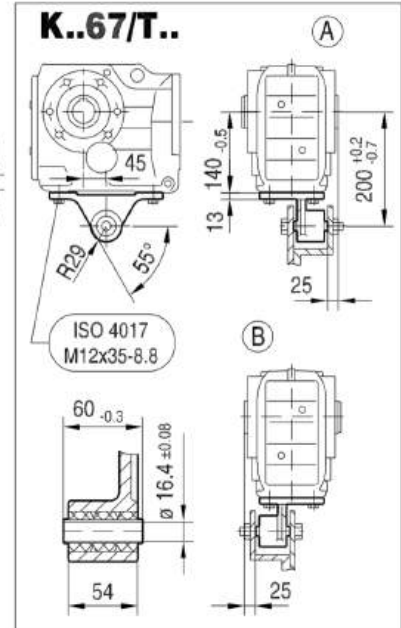
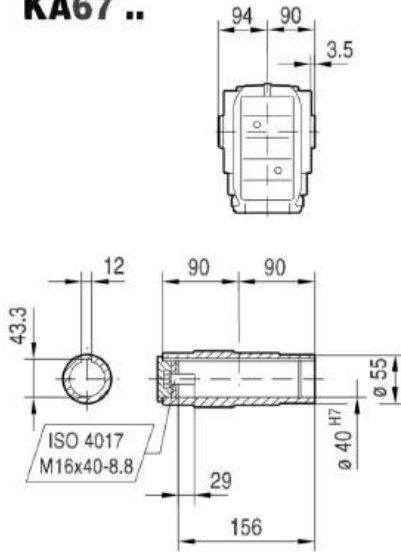
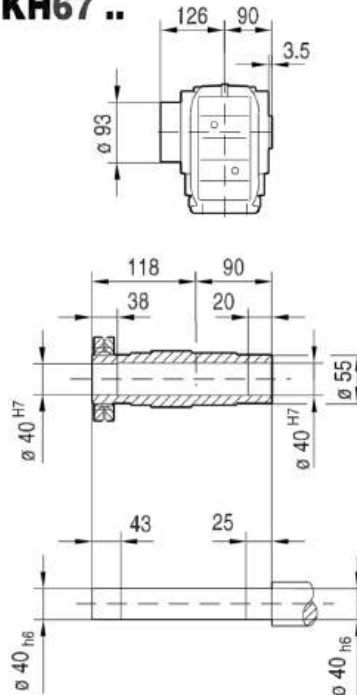
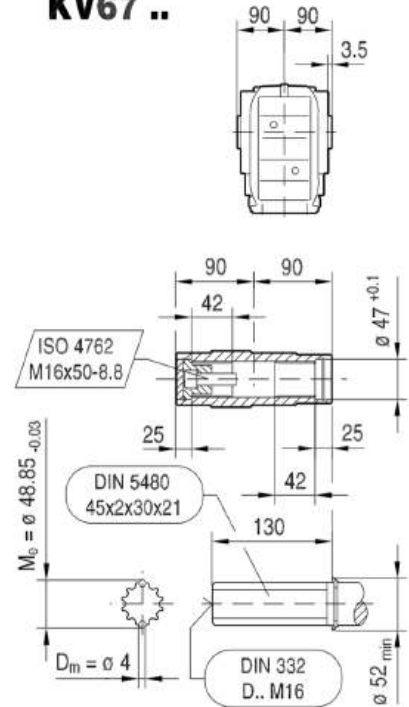
# KVF67..



| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    | 182    |  |  |  |
| L LS   | 459    | 473   | 523    | 543    | 593    | 623    | 628    | 676    |  |  |  |
| LB     | 514    | 537   | 587    | 628    | 678    | 708    | 708    | 756    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    | 402    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    | 482    |  |  |  |



39 004 03 00

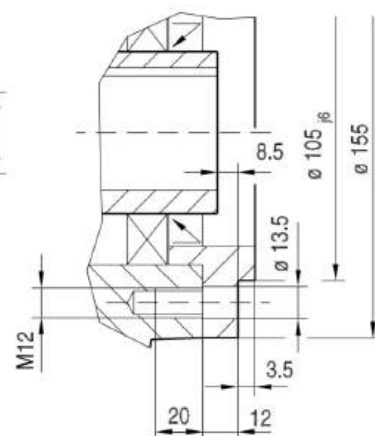
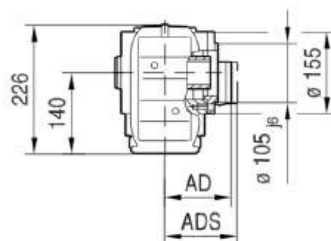
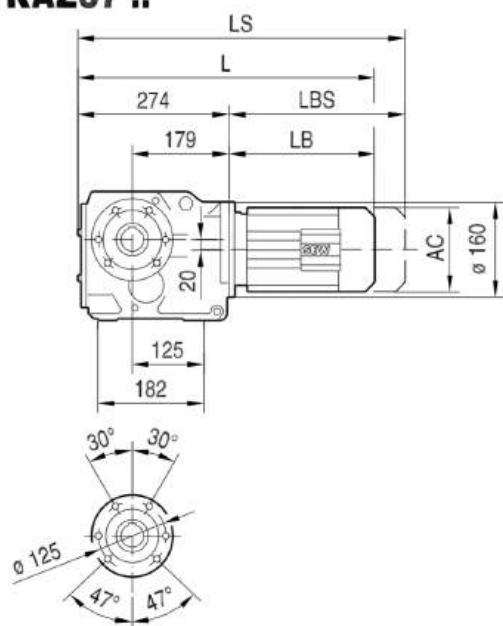
**KA67 ..****K..67/T..****KA67 ..****KH67 ..****KV67 ..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    | 182    |  |  |  |
| L LS   | 459    | 473   | 523    | 543    | 593    | 623    | 628    | 676    |  |  |  |
| LB     | 514    | 537   | 587    | 628    | 678    | 708    | 708    | 756    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    | 402    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    | 482    |  |  |  |

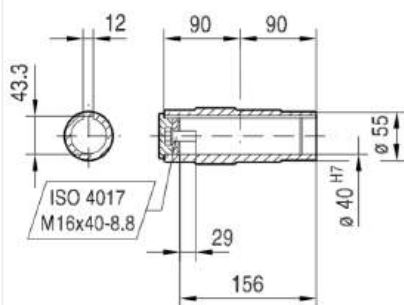
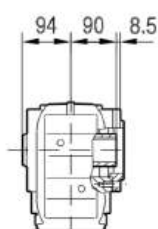


39 014 03 00

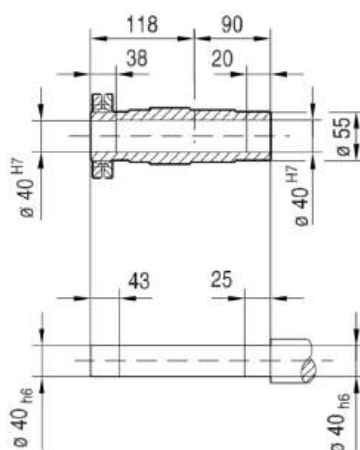
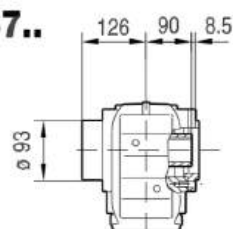
# KAZ67 ..



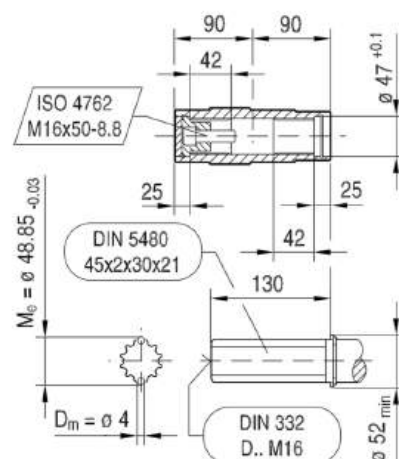
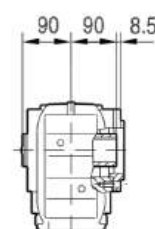
# KAZ67..



# KHZ67..



# KVZ67..

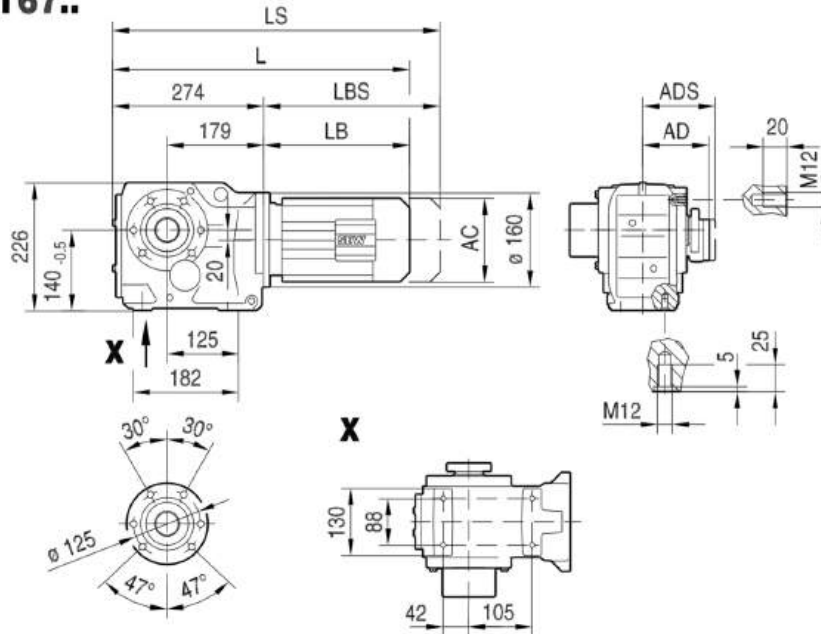
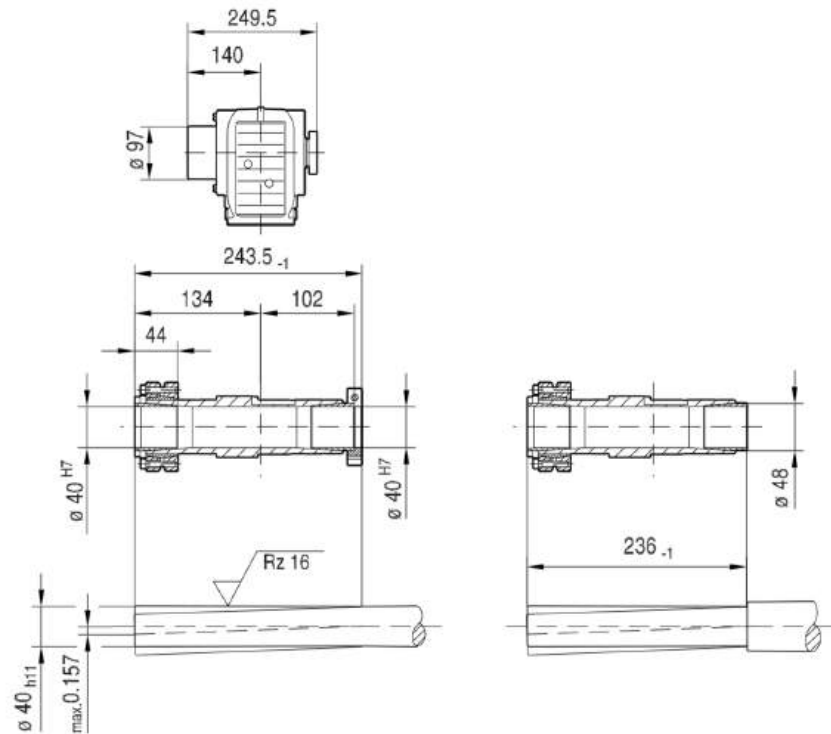
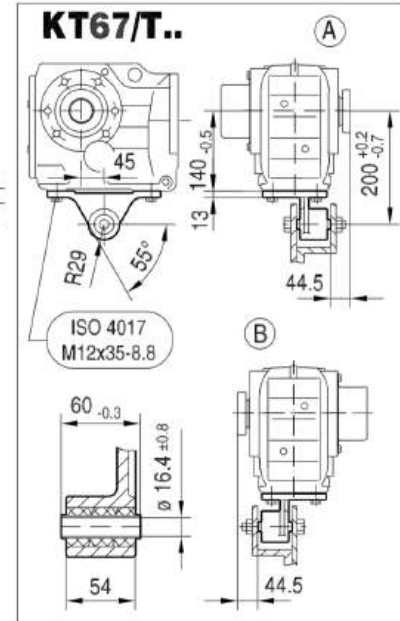


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| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    | 182    |  |  |  |
| L LS   | 459    | 473   | 523    | 543    | 593    | 623    | 628    | 676    |  |  |  |
| LB     | 514    | 537   | 587    | 628    | 678    | 708    | 708    | 756    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    | 402    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    | 482    |  |  |  |



39 009 00 03

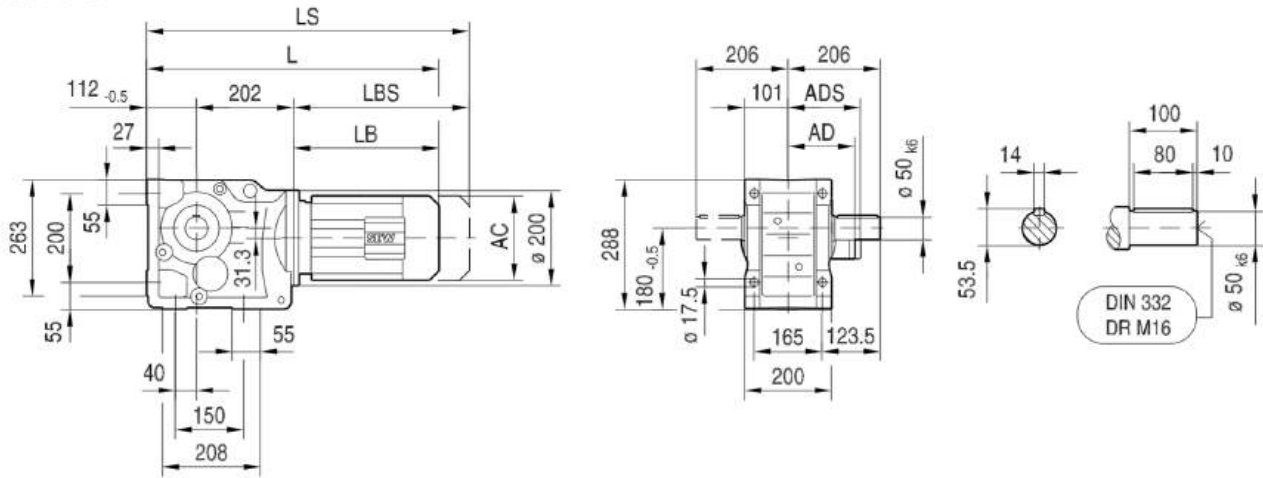
**KT67..****KT67/T..**

| ( 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S |  |  |  |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC     | 132    | 145   | 145    | 197    | 197    | 197    | 221    | 221    |  |  |  |
| AD     | 105    | 122   | 122    | 154    | 166    | 166    | 179    | 179    |  |  |  |
| ADS    | 105    | 127   | 127    | 161    | 166    | 166    | 182    | 182    |  |  |  |
| L LS   | 459    | 473   | 523    | 543    | 593    | 623    | 628    | 676    |  |  |  |
| LB     | 514    | 537   | 587    | 628    | 678    | 708    | 708    | 756    |  |  |  |
| LBS    | 185    | 199   | 249    | 269    | 319    | 349    | 354    | 402    |  |  |  |
|        | 240    | 263   | 313    | 354    | 404    | 434    | 434    | 482    |  |  |  |

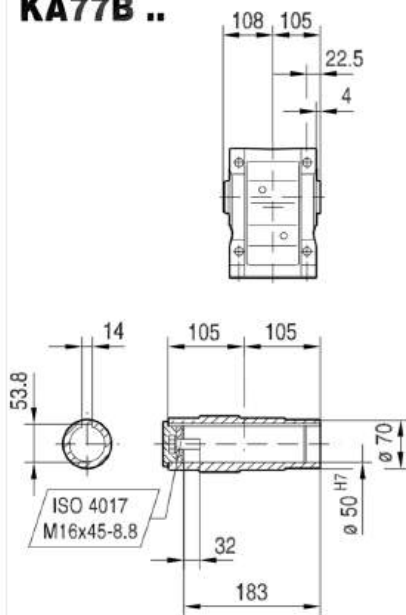


34 005 03 00

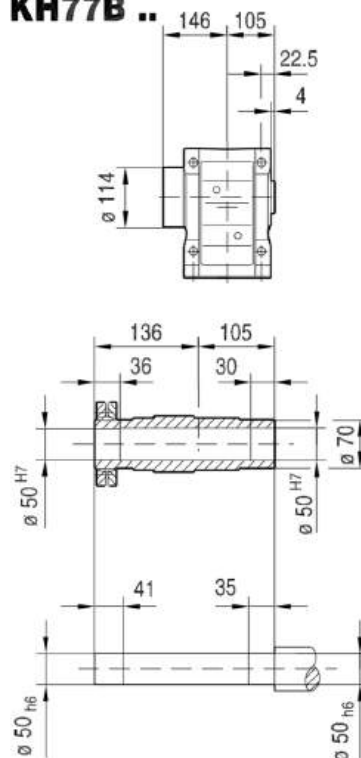
**K77 ..**



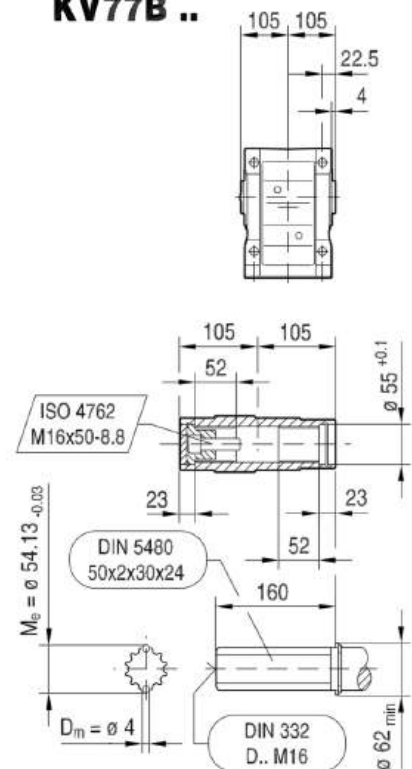
**KA77B ..**



**KH77B ..**



**KV77B ..**

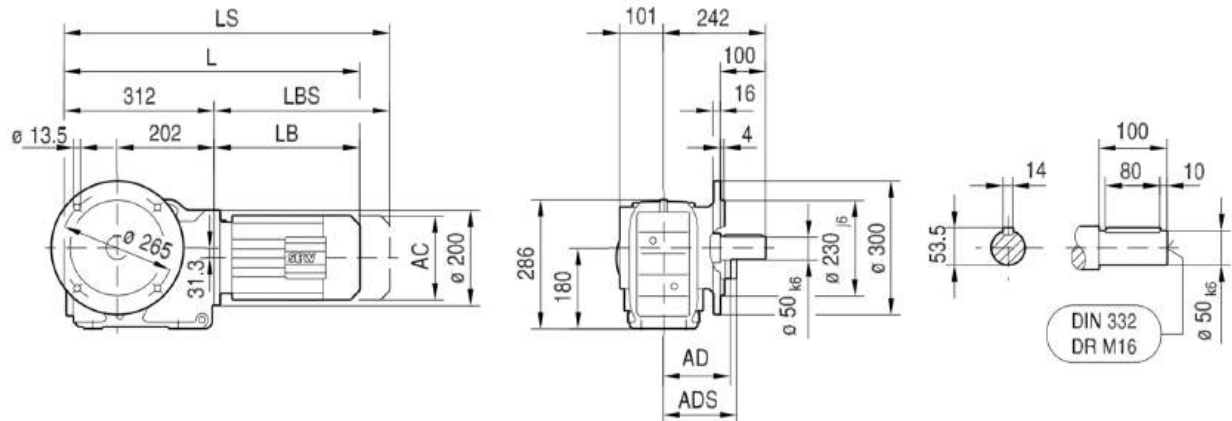
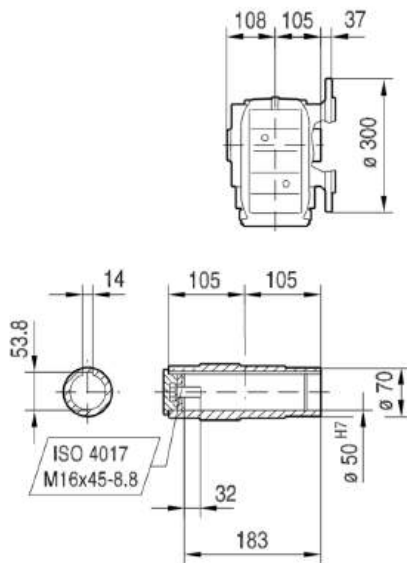
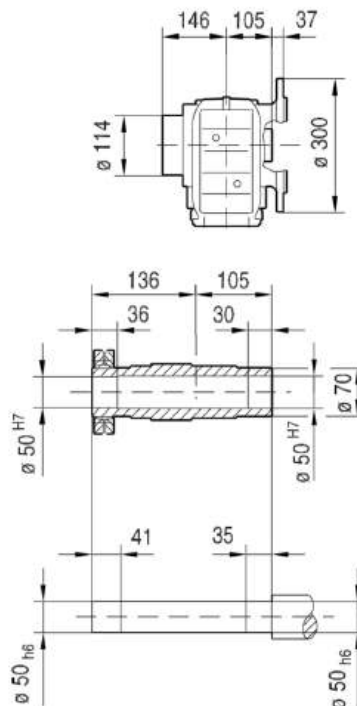
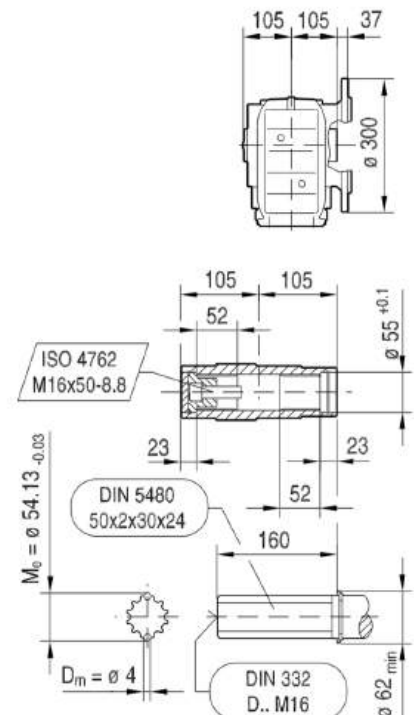


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| ( 102) | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| AC     | 145   | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    |
| AD     | 122   | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    |
| ADS    | 127   | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    |
| L LS   | 507   | 557    | 575    | 625    | 655    | 659    | 704    | 726    | 786     | 786    |
| LB     | 571   | 621    | 660    | 710    | 740    | 739    | 784    | 838    | 898     | 898    |
| LBS    | 193   | 243    | 261    | 311    | 341    | 345    | 390    | 412    | 472     | 472    |
|        | 257   | 307    | 346    | 396    | 426    | 425    | 470    | 524    | 584     | 584    |



34 017 03 00

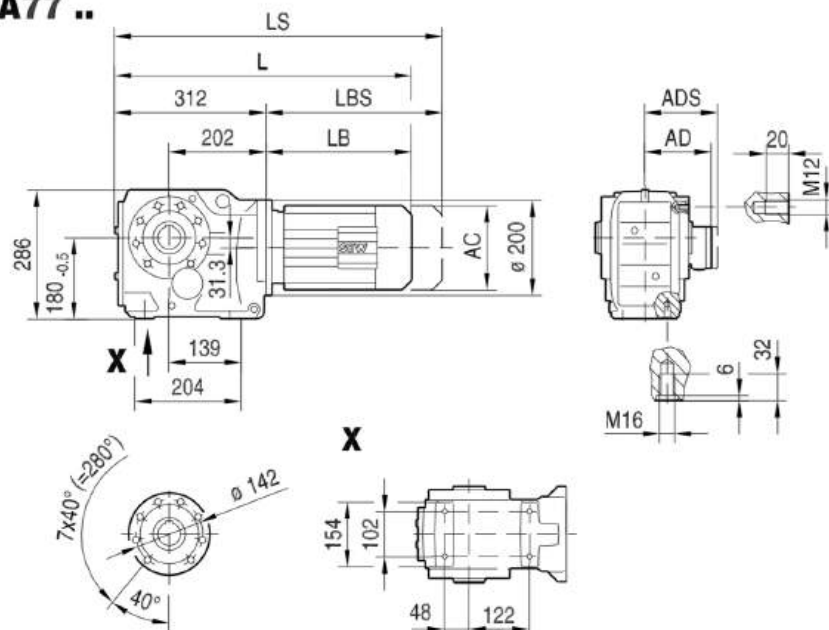
**KF77..****KAF77..****KHF77..****KVF77..**

| ( 102) | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |  |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--|
| AC     | 145   | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    |  |
| AD     | 122   | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    |  |
| ADS    | 127   | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    |  |
| L LS   | 505   | 555    | 573    | 623    | 653    | 657    | 702    | 724    | 784     | 784    |  |
| LB     | 569   | 619    | 658    | 708    | 738    | 737    | 782    | 836    | 896     | 896    |  |
| LBS    | 193   | 243    | 261    | 311    | 341    | 345    | 390    | 412    | 472     | 472    |  |
|        | 257   | 307    | 346    | 396    | 426    | 425    | 470    | 524    | 584     | 584    |  |

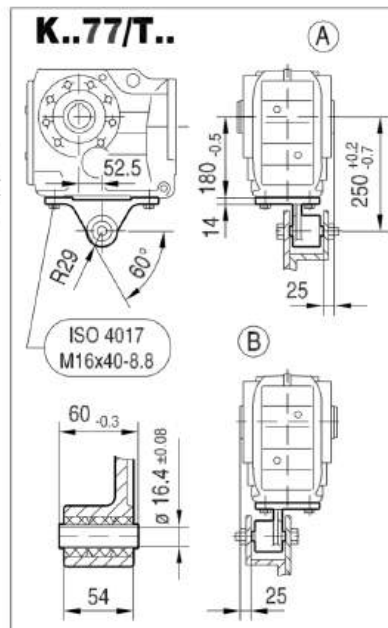


39 005 03 00

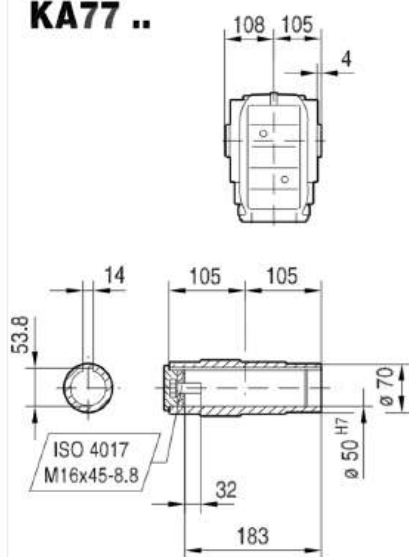
**KA77 ..**



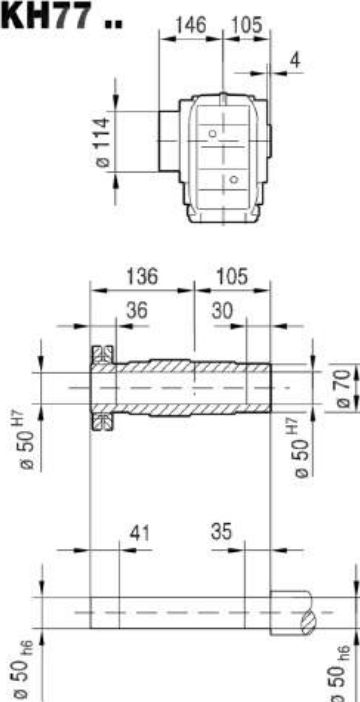
**K..77/T..**



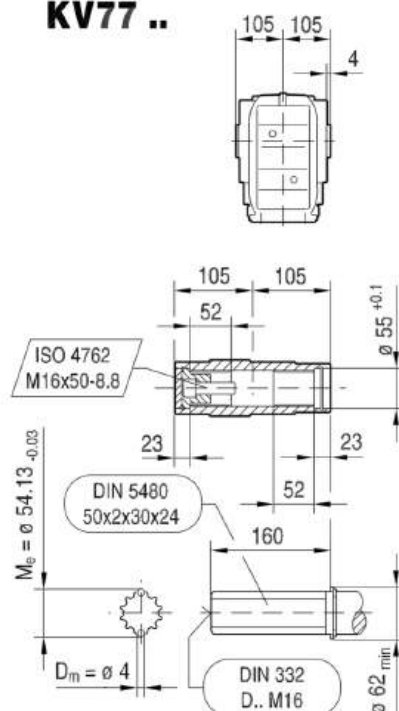
**KA77 ..**



**KH77 ..**



**KV77 ..**

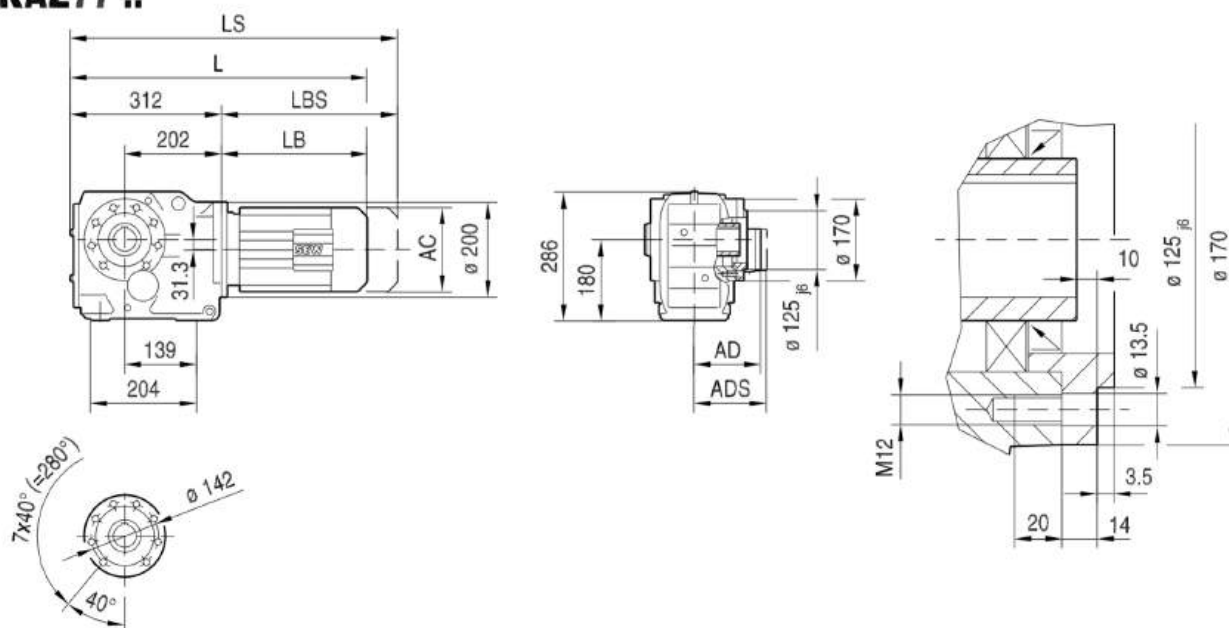


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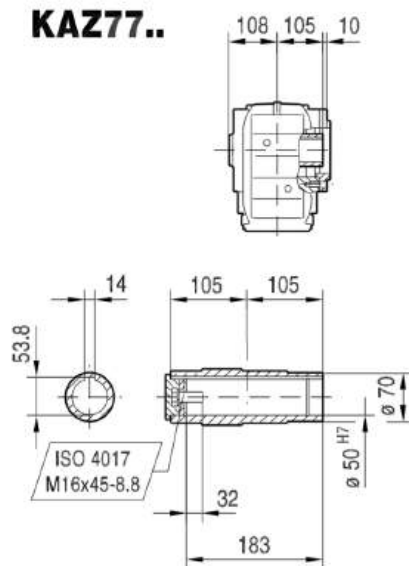
| ( 102) | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| AC     | 145   | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    |
| AD     | 122   | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    |
| ADS    | 127   | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    |
| L LS   | 505   | 555    | 573    | 623    | 653    | 657    | 702    | 724    | 784     | 784    |
| LB     | 569   | 619    | 658    | 708    | 738    | 737    | 782    | 836    | 896     | 896    |
| LBS    | 193   | 243    | 261    | 311    | 341    | 345    | 390    | 412    | 472     | 472    |
|        | 257   | 307    | 346    | 396    | 426    | 425    | 470    | 524    | 584     | 584    |



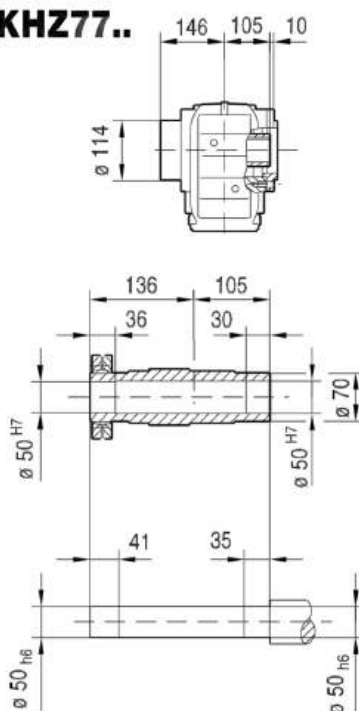
**KAZ77 ..**



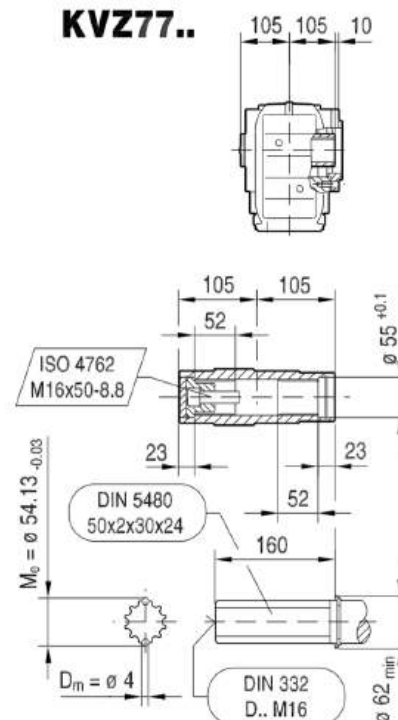
**KAZ77..**



## KHZ77..



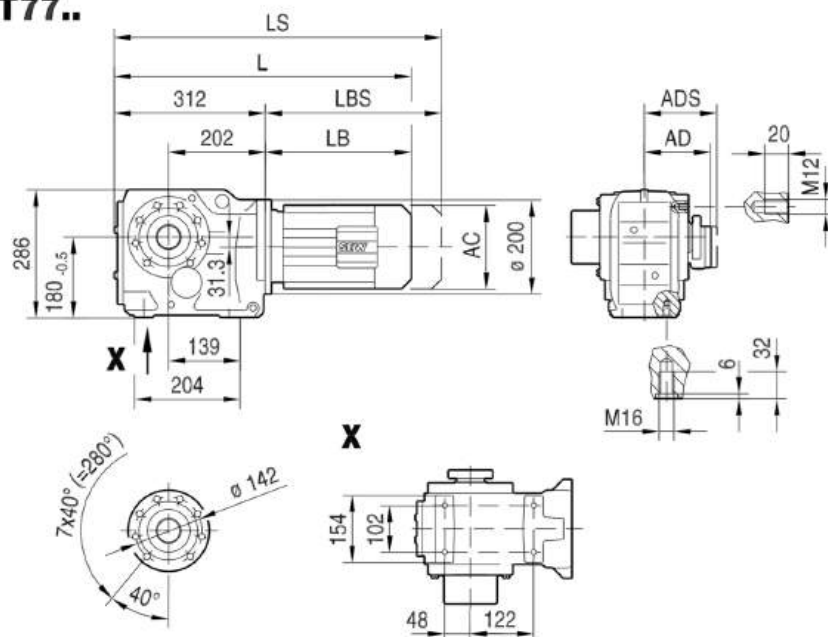
## KVZ77..



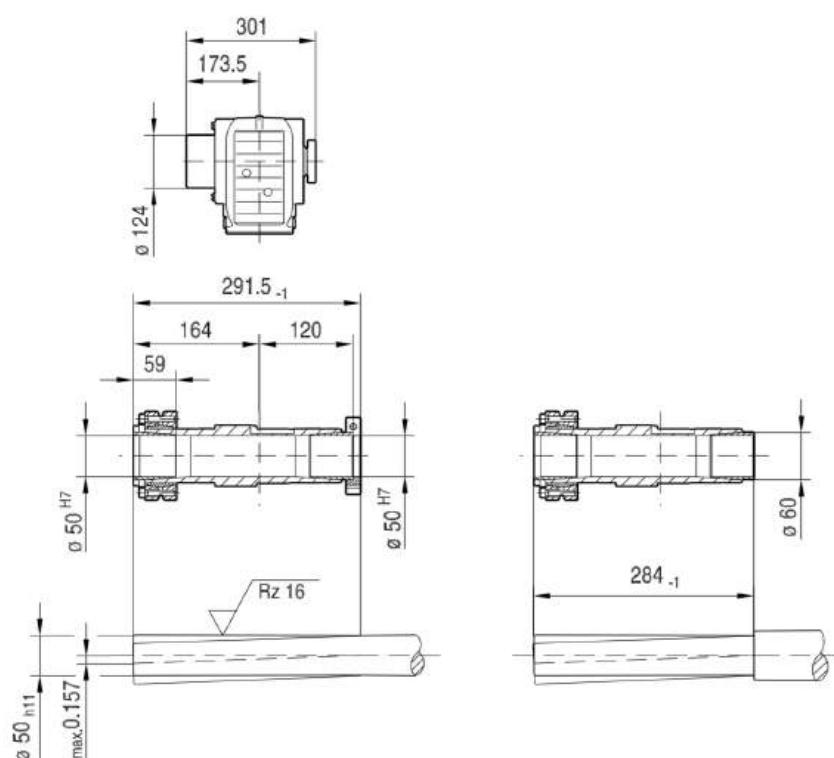
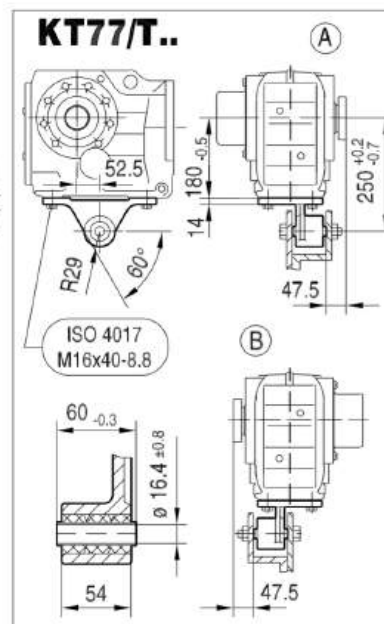
| ( 102) | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |  |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--|
| AC     | 145   | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    |  |
| AD     | 122   | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    |  |
| ADS    | 127   | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    |  |
| L LS   | 505   | 555    | 573    | 623    | 653    | 657    | 702    | 724    | 784     | 784    |  |
| LB     | 569   | 619    | 658    | 708    | 738    | 737    | 782    | 836    | 896     | 896    |  |
| LBS    | 193   | 243    | 261    | 311    | 341    | 345    | 390    | 412    | 472     | 472    |  |
|        | 257   | 307    | 346    | 396    | 426    | 425    | 470    | 524    | 584     | 584    |  |

39 010 00 03

**KT77..**



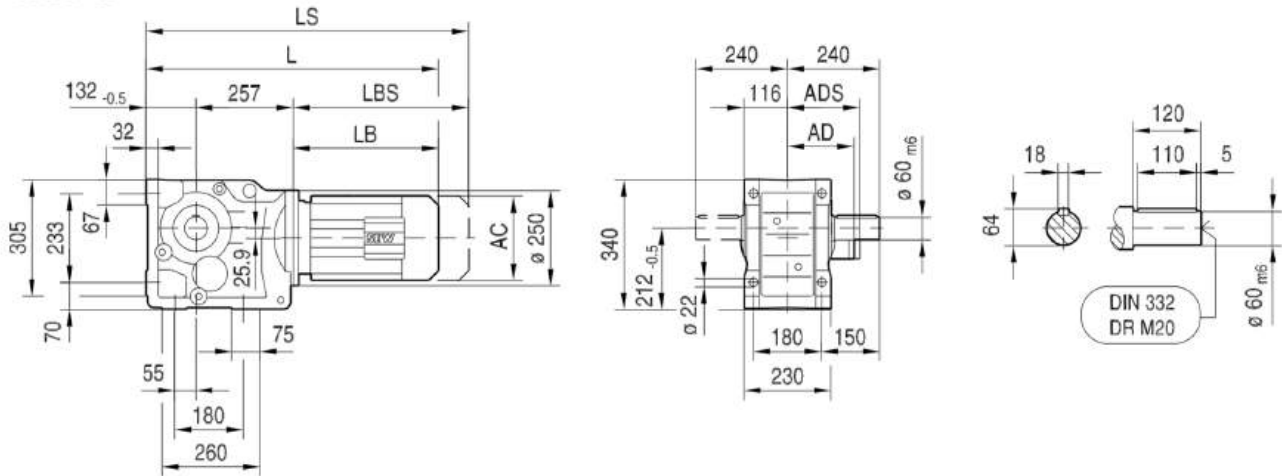
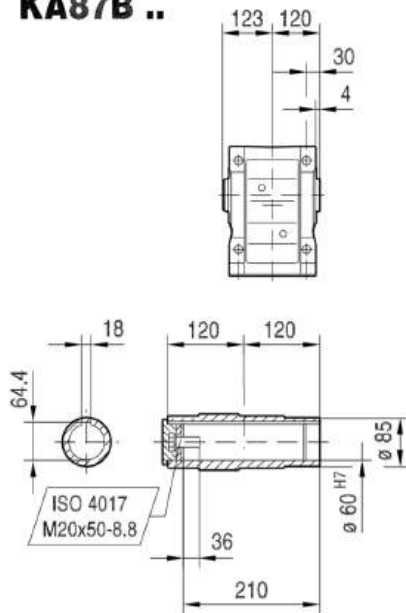
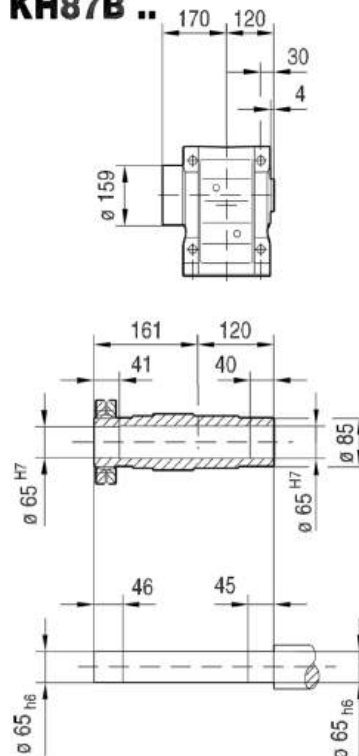
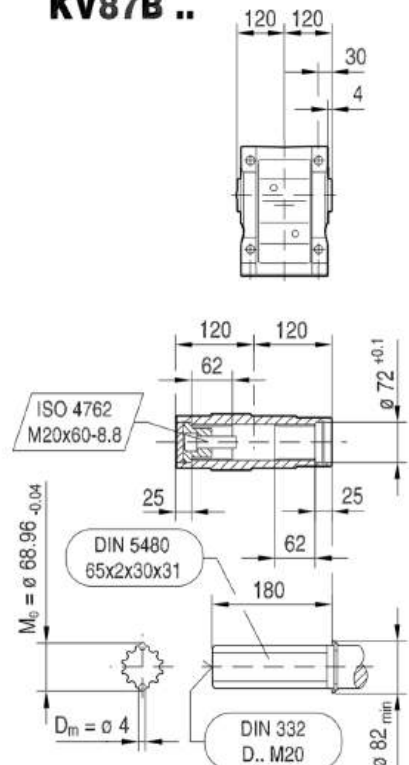
**KT77/T..**



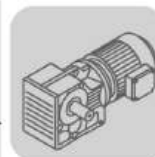
| (  102) | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |  |
|--------------------------------------------------------------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--|
| AC                                                                                         | 145   | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    |  |
| AD                                                                                         | 122   | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    |  |
| ADS                                                                                        | 127   | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    |  |
| L LS                                                                                       | 505   | 555    | 573    | 623    | 653    | 657    | 702    | 724    | 784     | 784    |  |
| LB                                                                                         | 569   | 619    | 658    | 708    | 738    | 737    | 782    | 836    | 896     | 896    |  |
| LBS                                                                                        | 193   | 243    | 261    | 311    | 341    | 345    | 390    | 412    | 472     | 472    |  |
|                                                                                            | 257   | 307    | 346    | 396    | 426    | 425    | 470    | 524    | 584     | 584    |  |



34 006 03 00

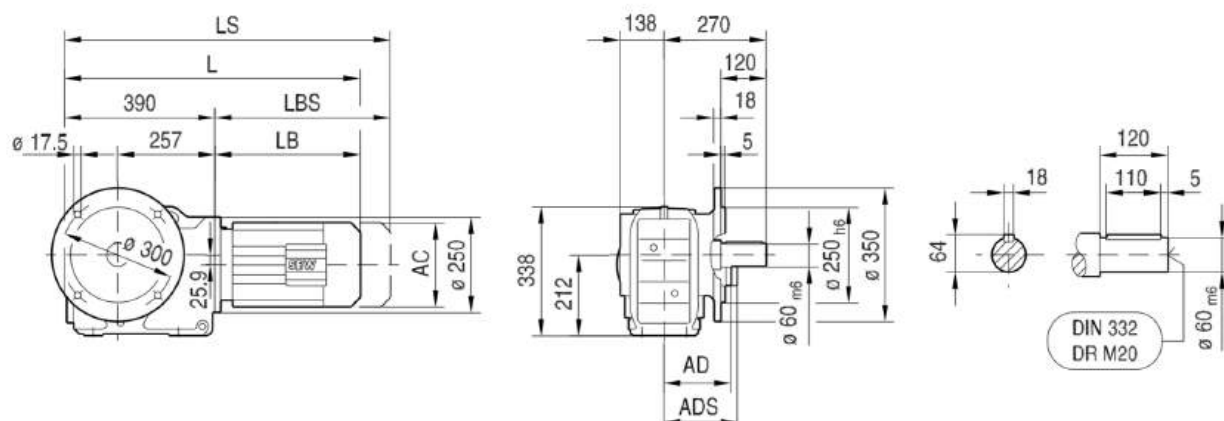
**K87 ..****KA87B ..****KH87B ..****KV87B ..**

| ( 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC     | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     |
| AD     | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     |
| ADS    | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     |
| L LS   | 627    | 646    | 696    | 726    | 729    | 774    | 796    | 856     | 856    | 903    | 975     |
| LB     | 691    | 731    | 781    | 811    | 809    | 854    | 908    | 968     | 968    | 1059   | 1131    |
| LBS    | 238    | 257    | 307    | 337    | 340    | 385    | 407    | 467     | 467    | 514    | 586     |
|        | 302    | 342    | 392    | 422    | 420    | 465    | 519    | 579     | 579    | 670    | 742     |



# KF87..

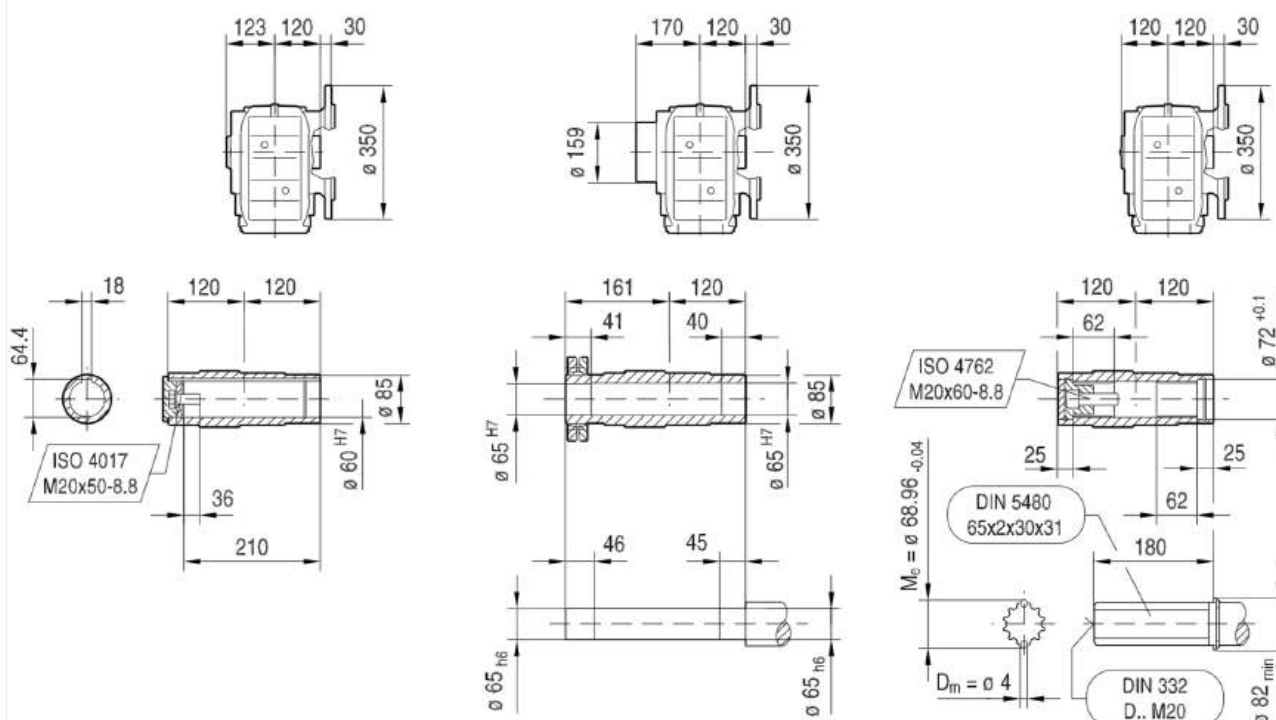
34 018 03 00



# KAF87..

# KHF87..

# KVF87..

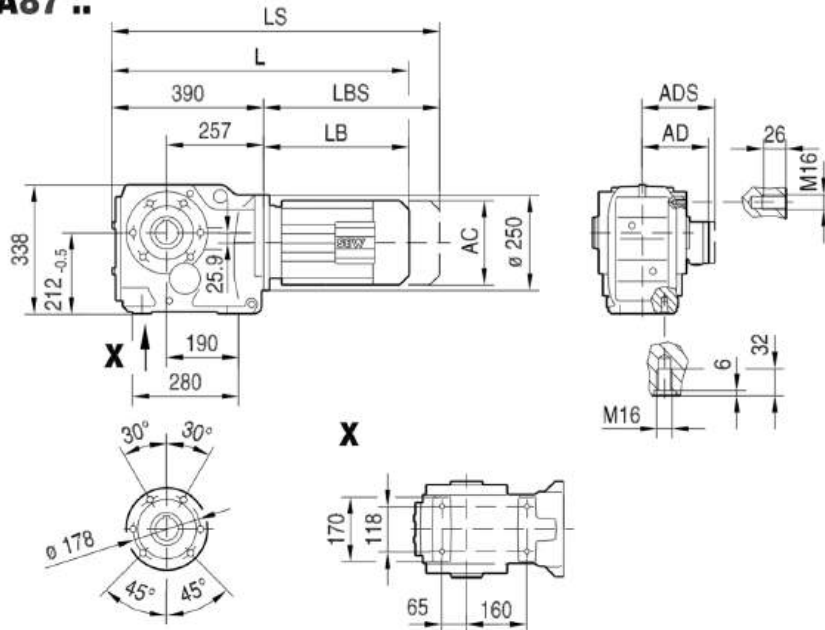
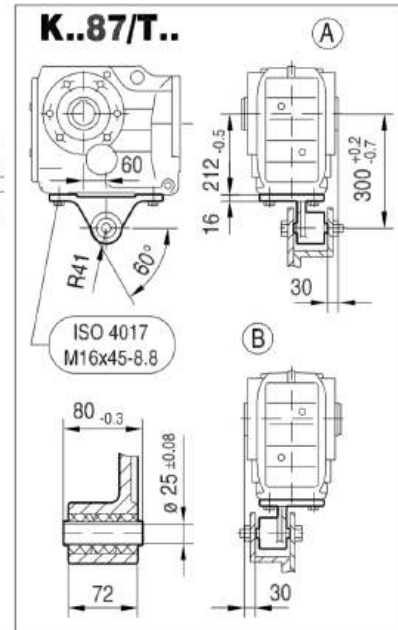
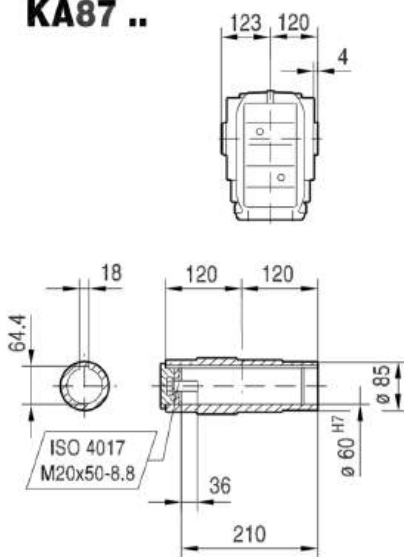
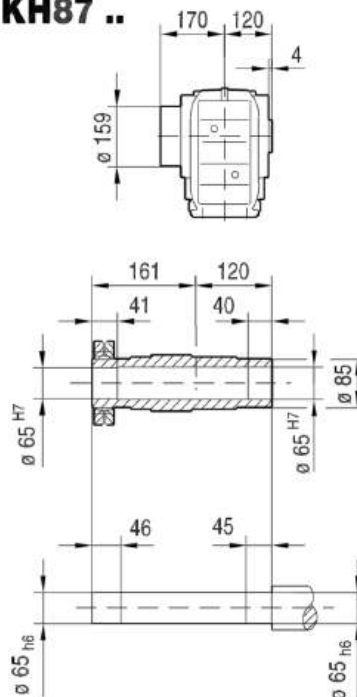
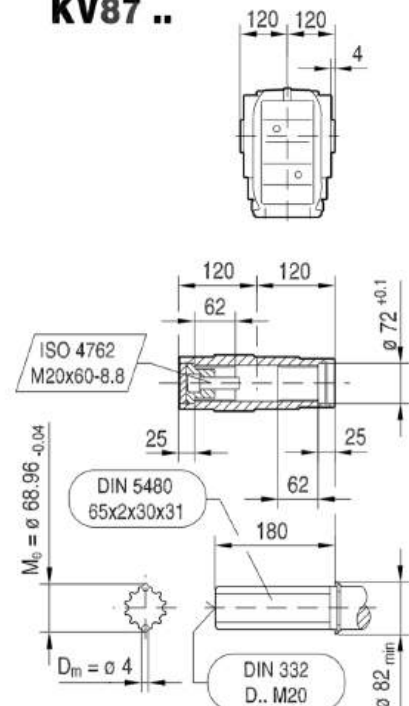


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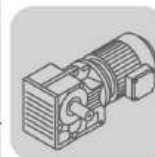
| ( 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC     | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     |
| AD     | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     |
| ADS    | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     |
| L LS   | 628    | 647    | 697    | 727    | 730    | 775    | 797    | 857     | 857    | 904    | 976     |
| LB     | 692    | 732    | 782    | 812    | 810    | 855    | 909    | 969     | 969    | 1060   | 1132    |
| LBS    | 238    | 257    | 307    | 337    | 340    | 385    | 407    | 467     | 467    | 514    | 586     |
|        | 302    | 342    | 392    | 422    | 420    | 465    | 519    | 579     | 579    | 670    | 742     |



39 006 03 00

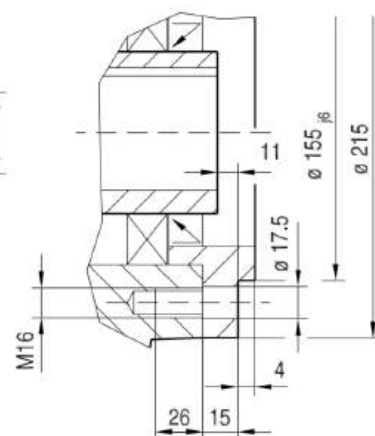
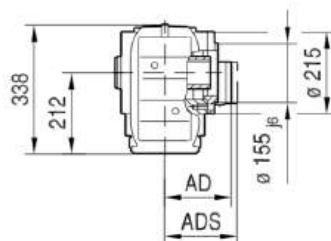
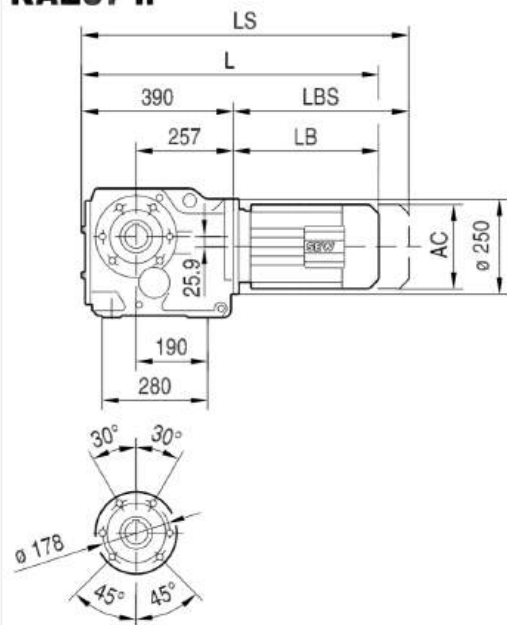
**KA87 ..****K..87/T..****KA87 ..****KH87 ..****KV87 ..**

| ( 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC     | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     |
| AD     | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     |
| ADS    | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     |
| L LS   | 628    | 647    | 697    | 727    | 730    | 775    | 797    | 857     | 857    | 904    | 976     |
| LB     | 692    | 732    | 782    | 812    | 810    | 855    | 909    | 969     | 969    | 1060   | 1132    |
| LBS    | 238    | 257    | 307    | 337    | 340    | 385    | 407    | 467     | 467    | 514    | 586     |
|        | 302    | 342    | 392    | 422    | 420    | 465    | 519    | 579     | 579    | 670    | 742     |

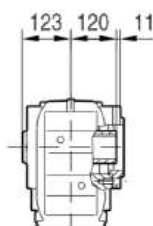


39 016 03 00

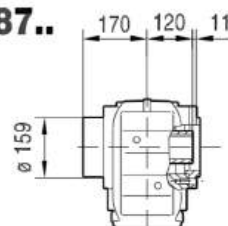
# KAZ87 ..



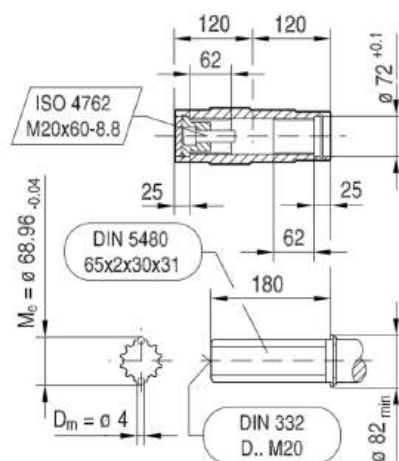
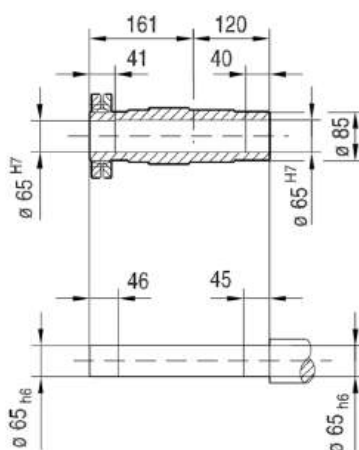
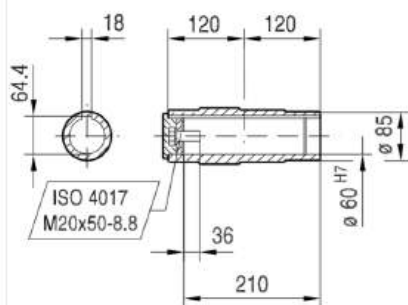
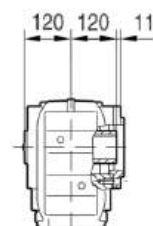
# KAZ87..



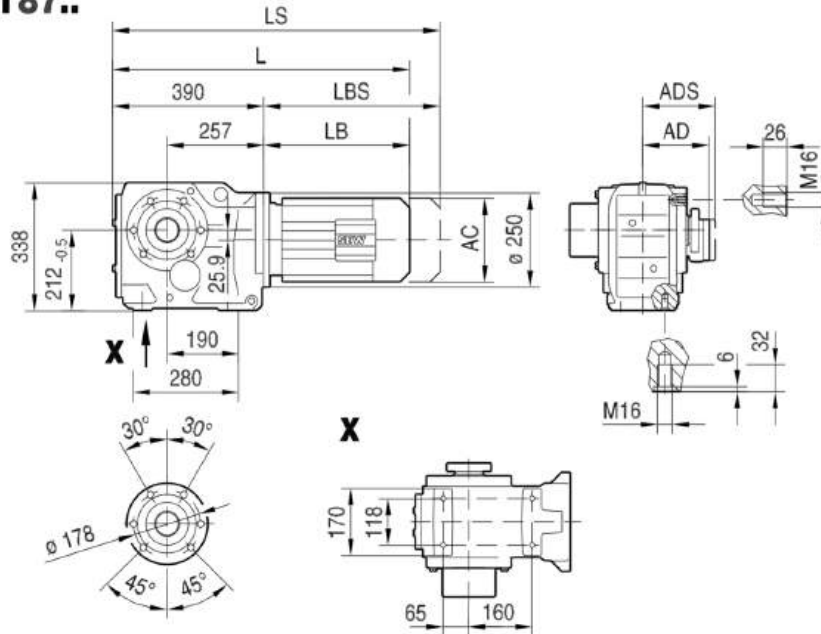
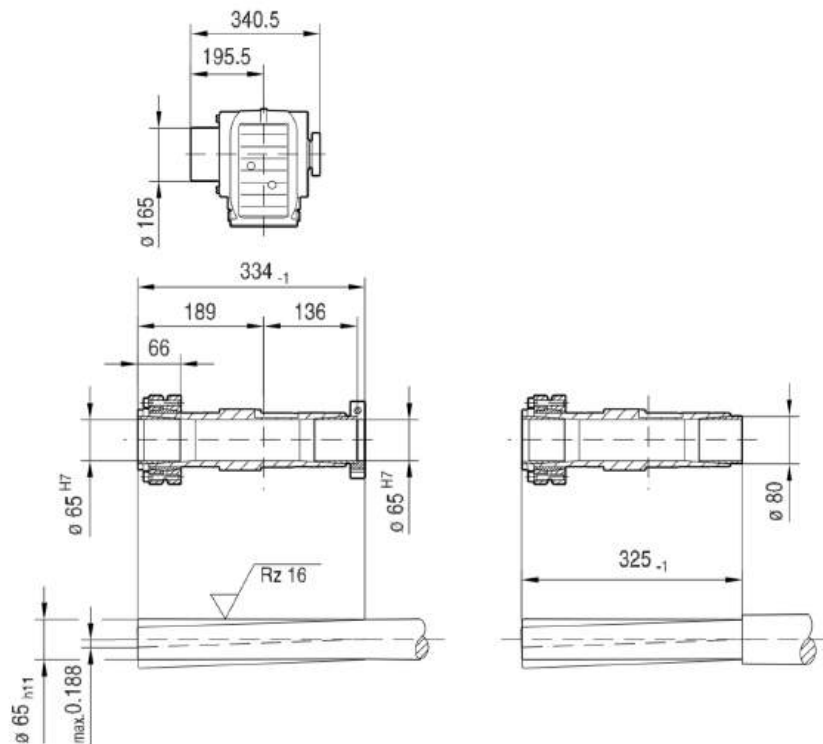
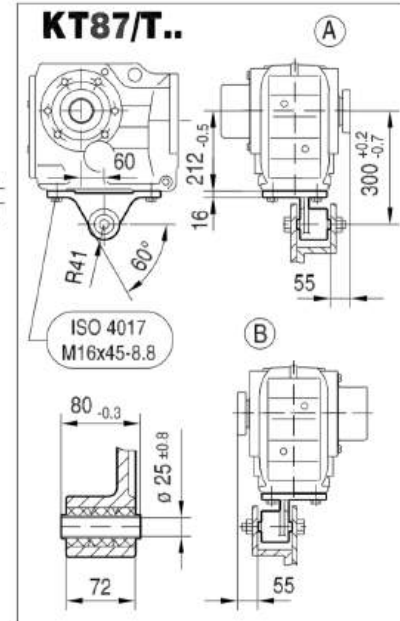
# KHZ87..



# KVZ87..



| ( 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC     | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     |
| AD     | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     |
| ADS    | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     |
| L LS   | 628    | 647    | 697    | 727    | 730    | 775    | 797    | 857     | 857    | 904    | 976     |
| LB     | 692    | 732    | 782    | 812    | 810    | 855    | 909    | 969     | 969    | 1060   | 1132    |
| LBS    | 238    | 257    | 307    | 337    | 340    | 385    | 407    | 467     | 467    | 514    | 586     |
|        | 302    | 342    | 392    | 422    | 420    | 465    | 519    | 579     | 579    | 670    | 742     |

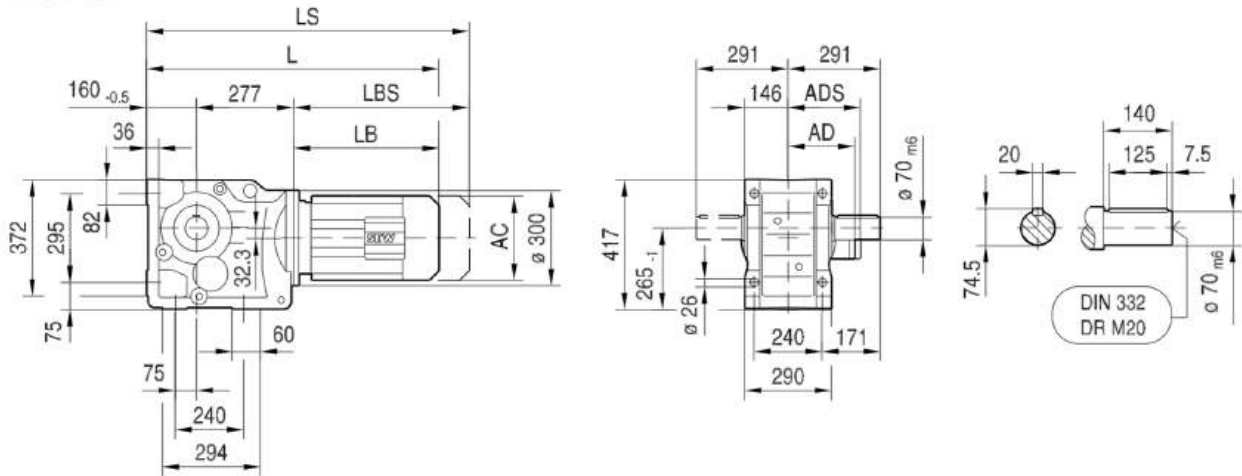
**KT87..****KT87/T..**

| ( 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC     | 145    | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     |
| AD     | 122    | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     |
| ADS    | 127    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     |
| L LS   | 628    | 647    | 697    | 727    | 730    | 775    | 797    | 857     | 857    | 904    | 976     |
| LB     | 692    | 732    | 782    | 812    | 810    | 855    | 909    | 969     | 969    | 1060   | 1132    |
| LBS    | 238    | 257    | 307    | 337    | 340    | 385    | 407    | 467     | 467    | 514    | 586     |
|        | 302    | 342    | 392    | 422    | 420    | 465    | 519    | 579     | 579    | 670    | 742     |

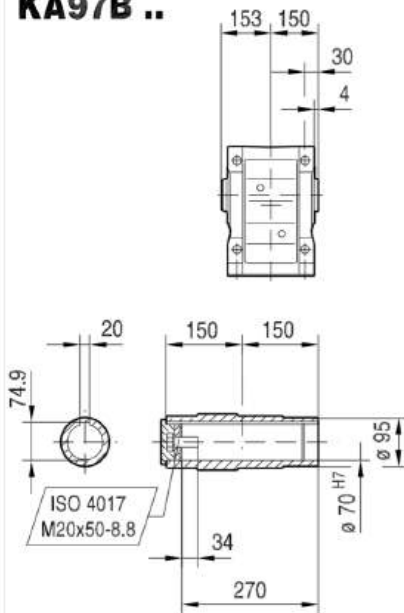


34 007 03 00

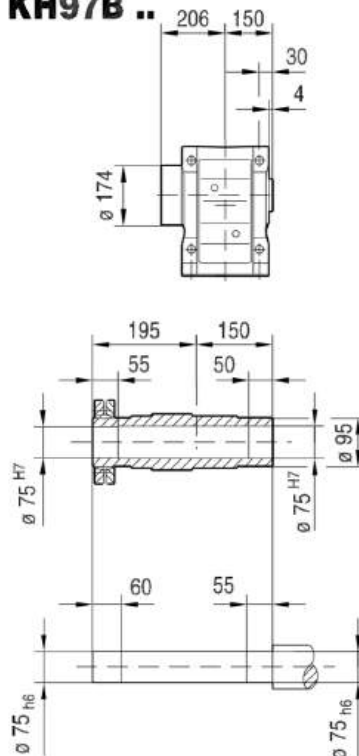
**K97 ..**



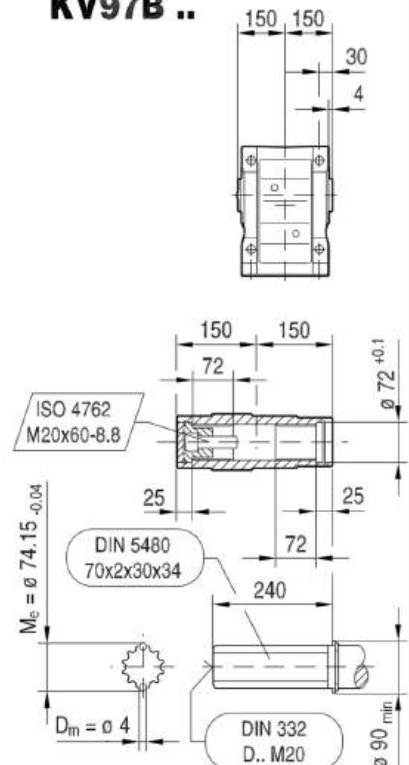
**KA97B ..**



**KH97B ..**



**KV97B ..**

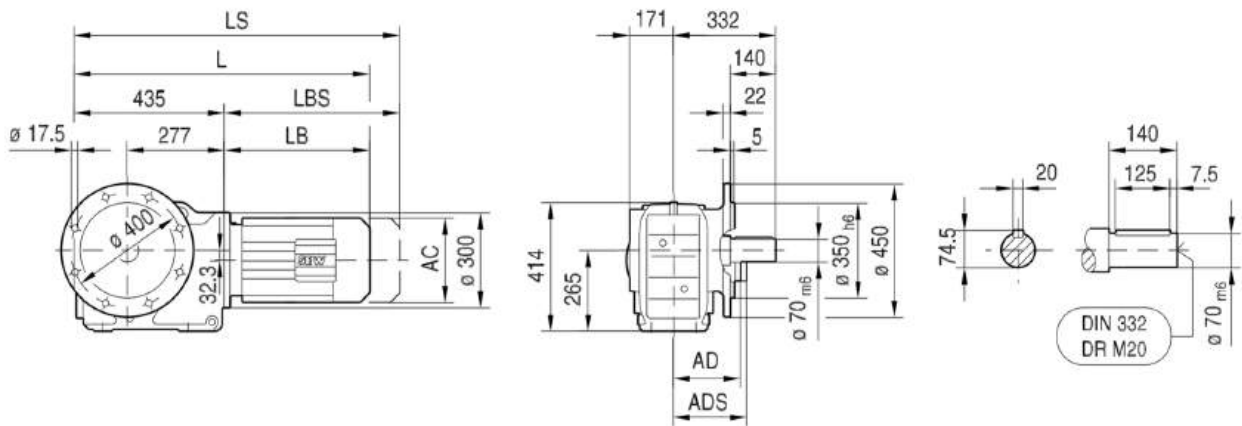
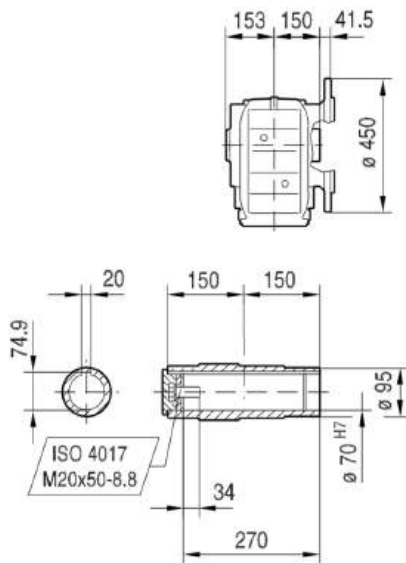
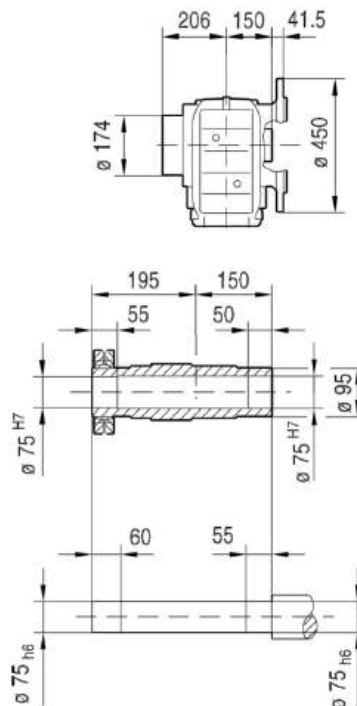
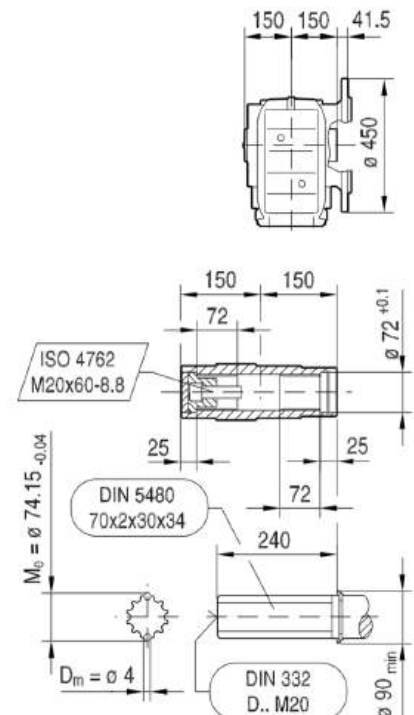


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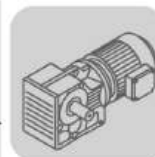
| ( 102) | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC     | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     |
| AD     | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     |
| ADS    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     |
| L LS   | 688    | 738    | 768    | 772    | 817    | 839    | 899     | 899    | 946    | 1018    | 1066    |
| LB     | 773    | 823    | 853    | 852    | 897    | 951    | 1011    | 1011   | 1102   | 1174    | 1222    |
| LBS    | 251    | 301    | 331    | 335    | 380    | 402    | 462     | 462    | 509    | 581     | 629     |
|        | 336    | 386    | 416    | 415    | 460    | 514    | 574     | 574    | 665    | 737     | 785     |



34 019 03 00

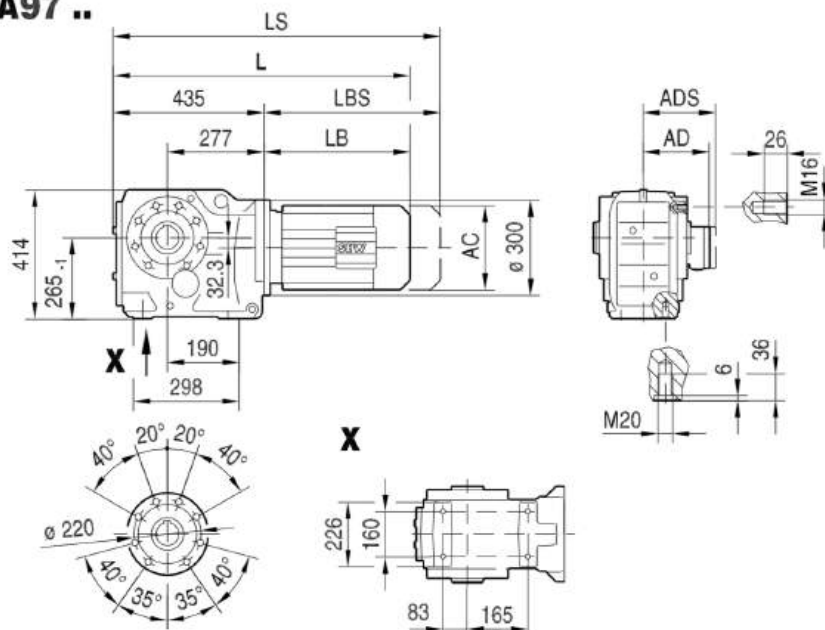
**KF97..****KAF97..****KHF97..****KVF97..**

| ( 102) | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC     | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     |
| AD     | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     |
| ADS    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     |
| L LS   | 686    | 736    | 766    | 770    | 815    | 837    | 897     | 897    | 944    | 1016    | 1064    |
| LB     | 771    | 821    | 851    | 850    | 895    | 949    | 1009    | 1009   | 1100   | 1172    | 1220    |
| LBS    | 251    | 301    | 331    | 335    | 380    | 402    | 462     | 462    | 509    | 581     | 629     |
|        | 336    | 386    | 416    | 415    | 460    | 514    | 574     | 574    | 665    | 737     | 785     |

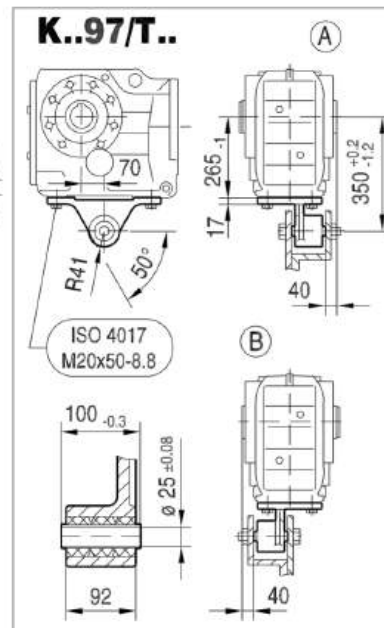


39 007 03 00

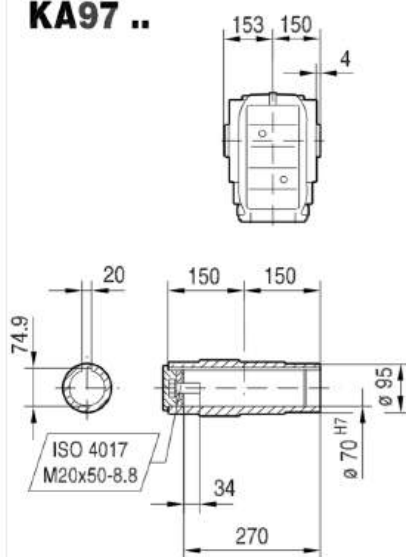
**KA97 ..**



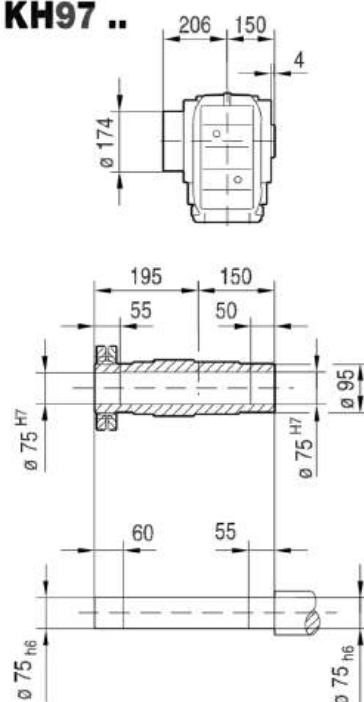
**K..97/T..**



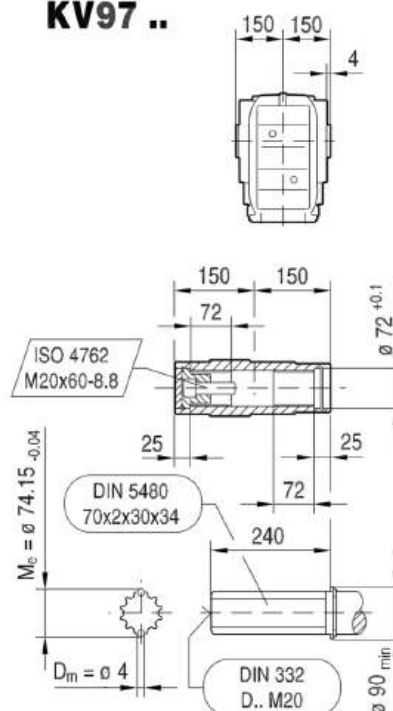
**KA97 ..**



**KH97 ..**



**KV97 ..**

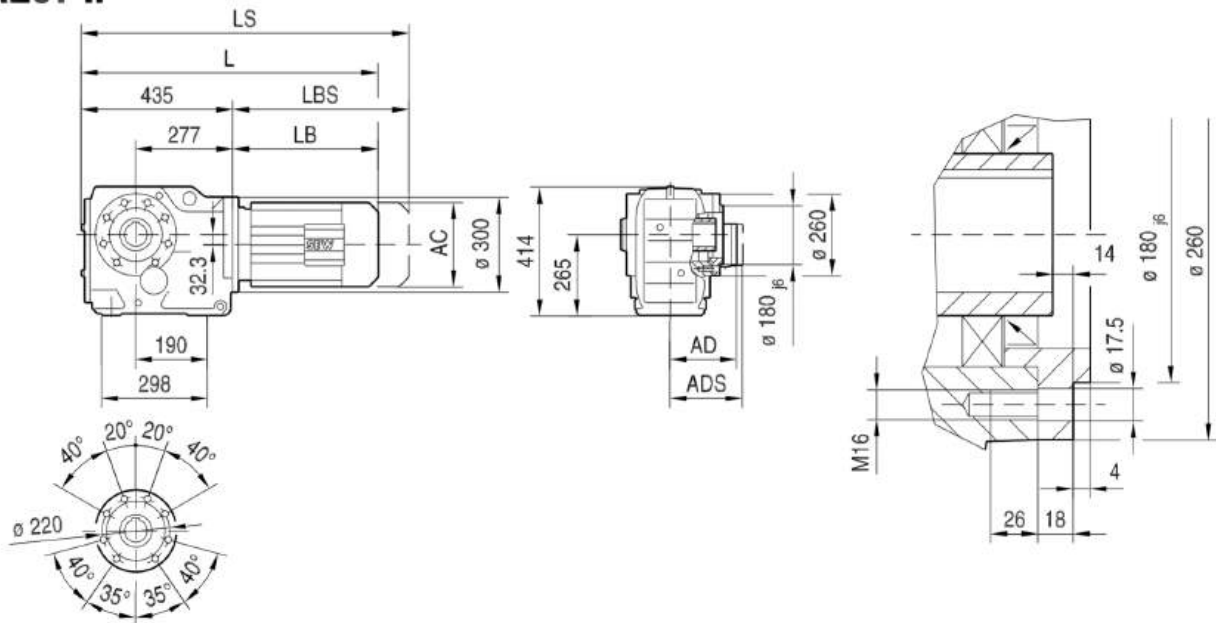
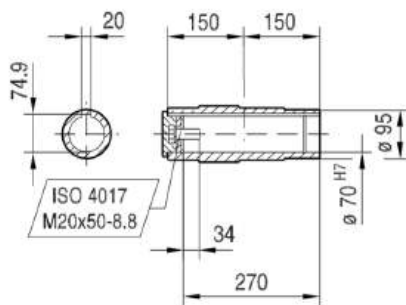
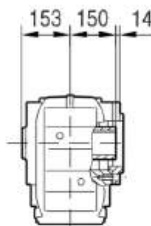
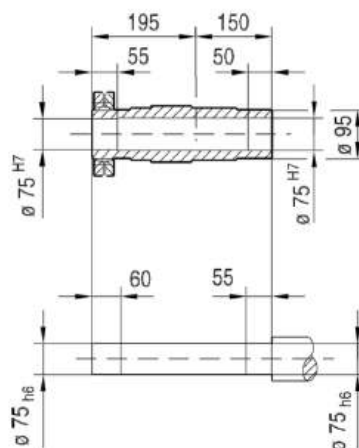
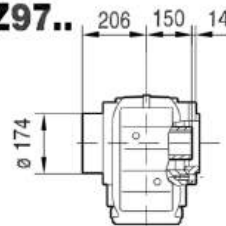
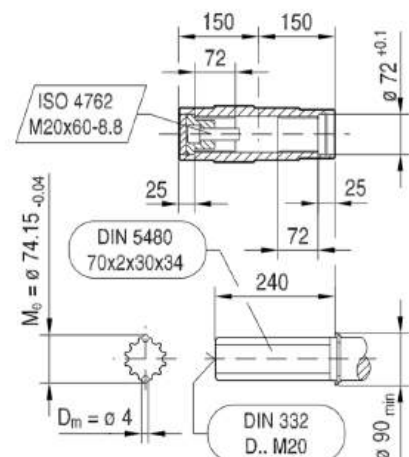
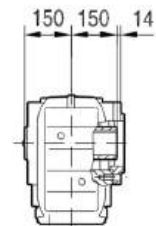


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| ( 102) | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC     | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     |
| AD     | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     |
| ADS    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     |
| L LS   | 686    | 736    | 766    | 770    | 815    | 837    | 897     | 897    | 944    | 1016    | 1064    |
| LB     | 771    | 821    | 851    | 850    | 895    | 949    | 1009    | 1009   | 1100   | 1172    | 1220    |
| LBS    | 251    | 301    | 331    | 335    | 380    | 402    | 462     | 462    | 509    | 581     | 629     |
|        | 336    | 386    | 416    | 415    | 460    | 514    | 574     | 574    | 665    | 737     | 785     |

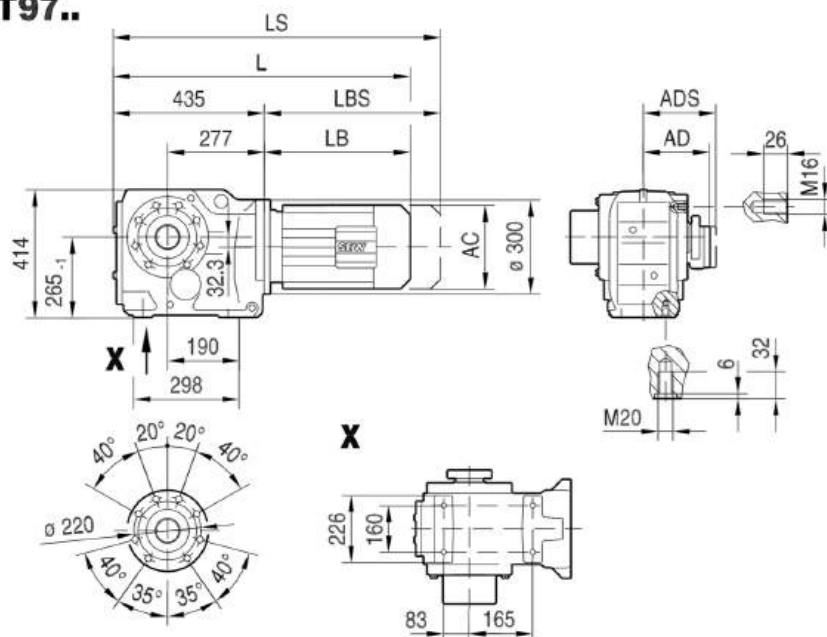
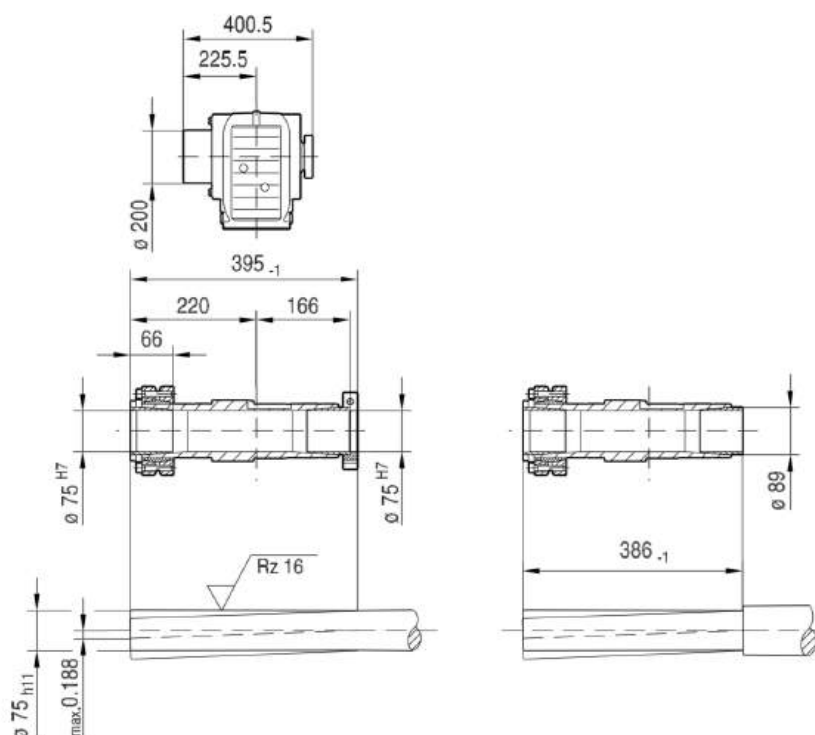
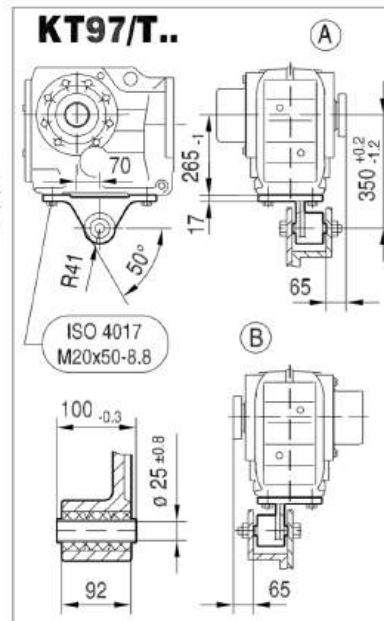


39 017 03 00

**KAZ97 ..****KAZ97..****KHZ97..****KVZ97..**

| ( 102) | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC     | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     |
| AD     | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     |
| ADS    | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     |
| L LS   | 686    | 736    | 766    | 770    | 815    | 837    | 897     | 897    | 944    | 1016    | 1064    |
| LB     | 771    | 821    | 851    | 850    | 895    | 949    | 1009    | 1009   | 1100   | 1172    | 1220    |
| LBS    | 251    | 301    | 331    | 335    | 380    | 402    | 462     | 462    | 509    | 581     | 629     |
|        | 336    | 386    | 416    | 415    | 460    | 514    | 574     | 574    | 665    | 737     | 785     |

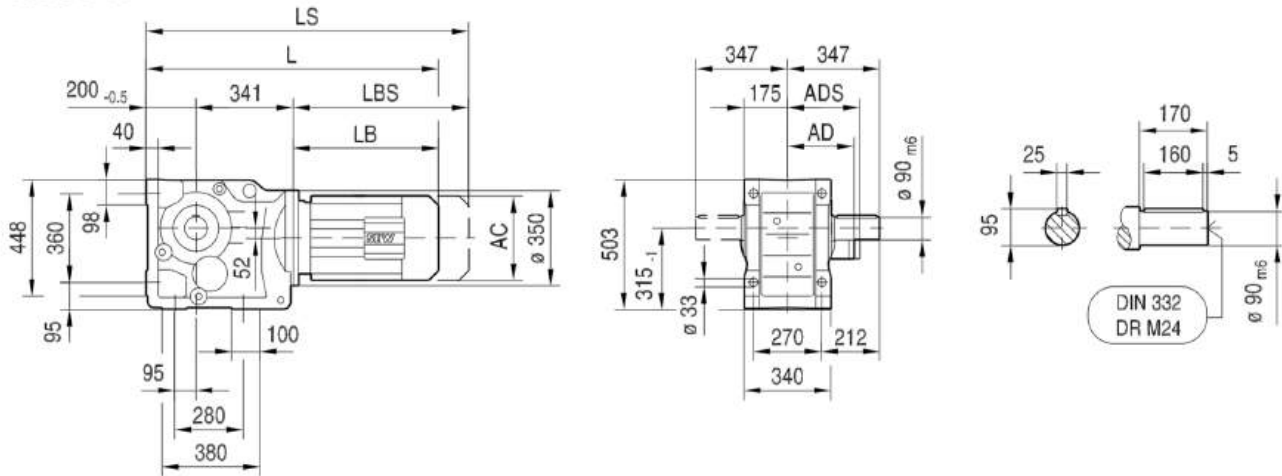
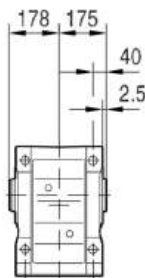
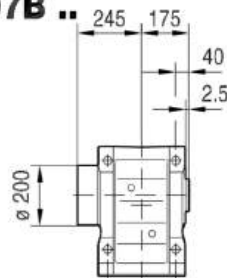
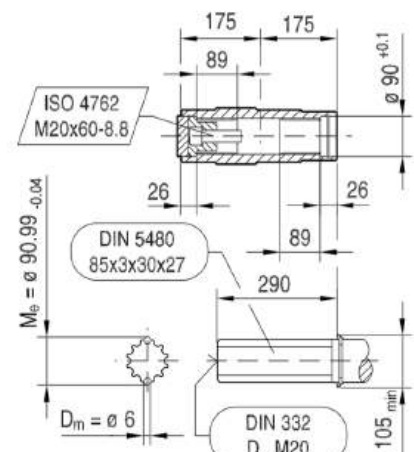
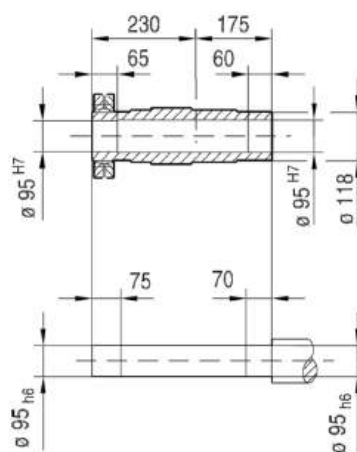
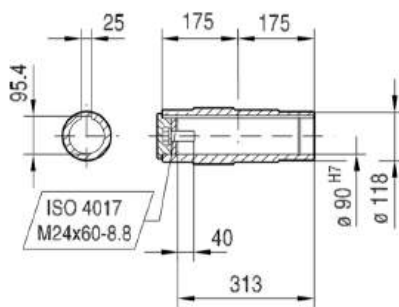
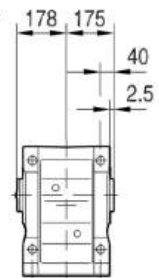
39 012 00 03

**KT97..****KT97/T..**

| (  102) | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|--------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC                                                                                         | 197    | 197    | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     |
| AD                                                                                         | 154    | 166    | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     |
| ADS                                                                                        | 161    | 166    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     |
| L LS                                                                                       | 686    | 736    | 766    | 770    | 815    | 837    | 897     | 897    | 944    | 1016    | 1064    |
| LB                                                                                         | 771    | 821    | 851    | 850    | 895    | 949    | 1009    | 1009   | 1100   | 1172    | 1220    |
| LBS                                                                                        | 251    | 301    | 331    | 335    | 380    | 402    | 462     | 462    | 509    | 581     | 629     |
|                                                                                            | 336    | 386    | 416    | 415    | 460    | 514    | 574     | 574    | 665    | 737     | 785     |



34 008 03 00

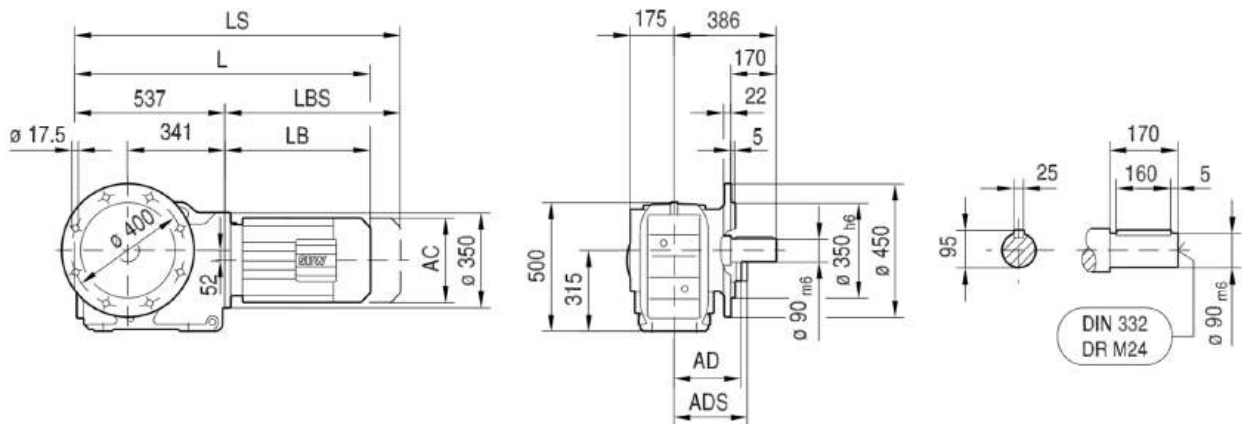
**K107 ..****KA107B ..****KH107B ..****KV107B ..**

| ( 102) | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |  |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|--|
| AC     | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     | 394     |  |
| AD     | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| ADS    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| L LS   | 866    | 870    | 915    | 937    | 997     | 997    | 1044   | 1116    | 1164    | 1246    |  |
| LB     | 951    | 950    | 995    | 1049   | 1109    | 1109   | 1200   | 1272    | 1320    | 1402    |  |
| LBS    | 325    | 329    | 374    | 396    | 456     | 456    | 503    | 575     | 623     | 705     |  |
|        | 410    | 409    | 454    | 508    | 568     | 568    | 659    | 731     | 779     | 861     |  |

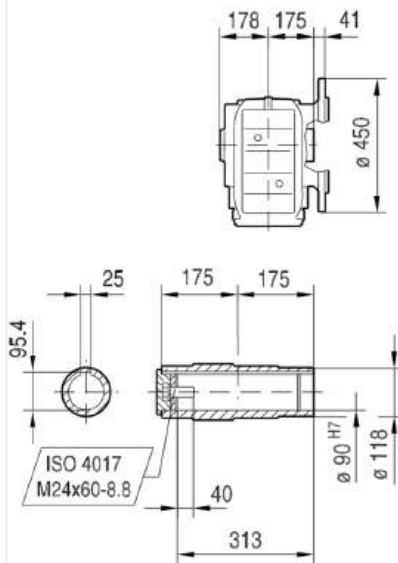


34 020 03 00

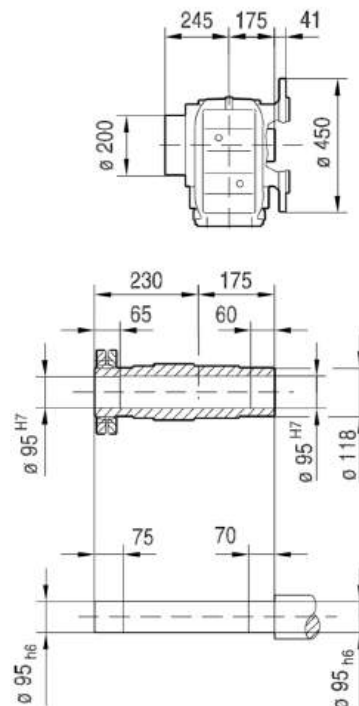
# KF107..



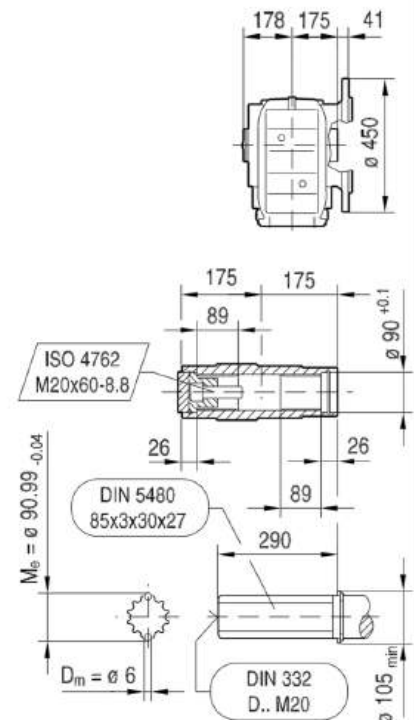
# KAF107..



# KHF107..



# KVF107..

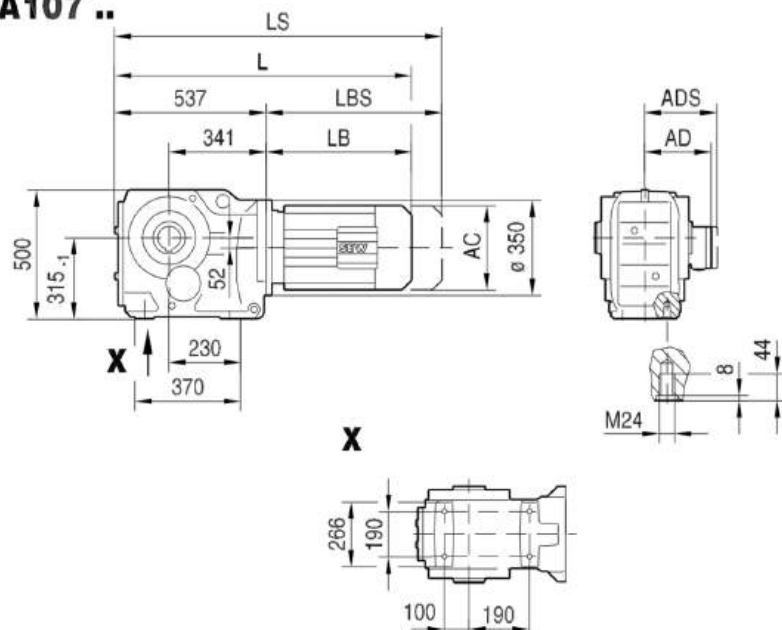
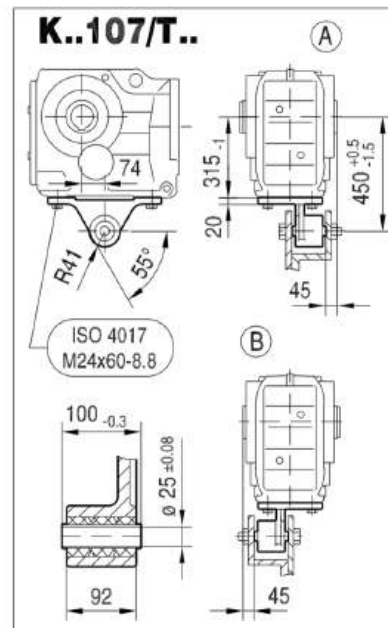
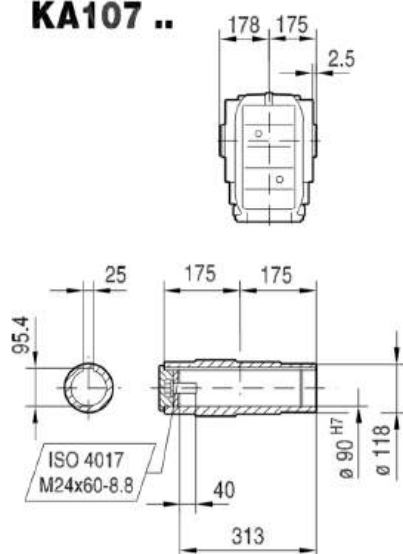
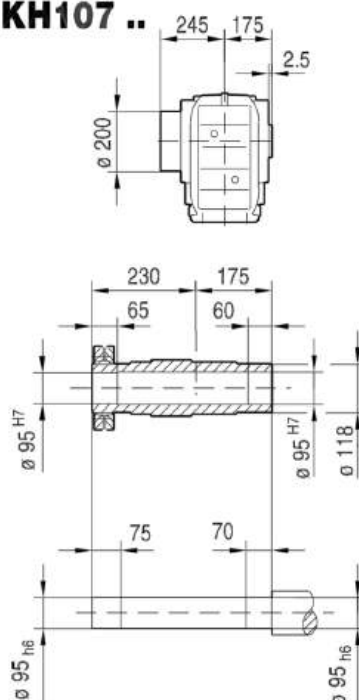
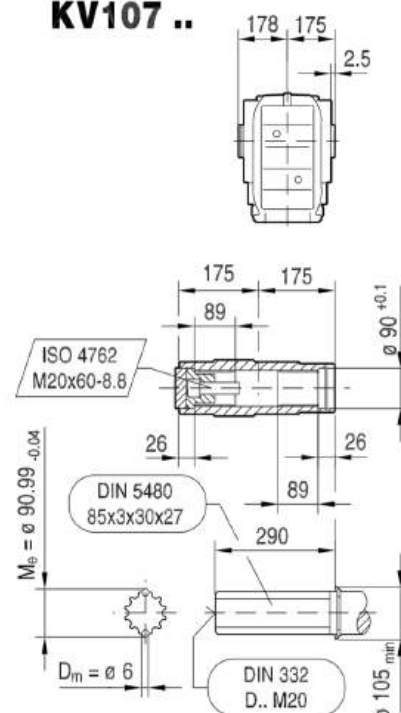


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| ( 102) | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |  |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|--|
| AC     | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     | 394     |  |
| AD     | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| ADS    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| L LS   | 862    | 866    | 911    | 933    | 993     | 993    | 1040   | 1112    | 1160    | 1242    |  |
| LB     | 947    | 946    | 991    | 1045   | 1105    | 1105   | 1196   | 1268    | 1316    | 1398    |  |
| LBS    | 325    | 329    | 374    | 396    | 456     | 456    | 503    | 575     | 623     | 705     |  |
|        | 410    | 409    | 454    | 508    | 568     | 568    | 659    | 731     | 779     | 861     |  |



39 008 03 00

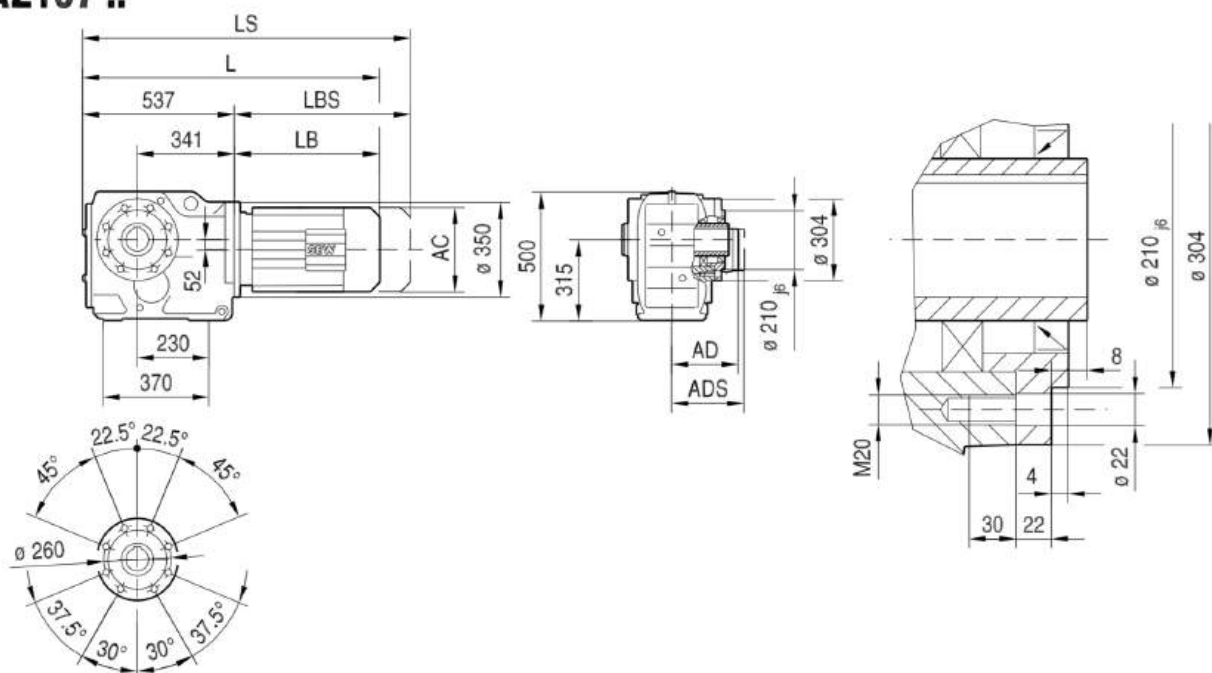
**KA107 ..****K..107/T..****KA107 ..****KH107 ..****KV107 ..**

| ( 102) | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |  |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|--|
| AC     | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     | 394     |  |
| AD     | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| ADS    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| L LS   | 862    | 866    | 911    | 933    | 993     | 993    | 1040   | 1112    | 1160    | 1242    |  |
| LB     | 947    | 946    | 991    | 1045   | 1105    | 1105   | 1196   | 1268    | 1316    | 1398    |  |
| LBS    | 325    | 329    | 374    | 396    | 456     | 456    | 503    | 575     | 623     | 705     |  |
|        | 410    | 409    | 454    | 508    | 568     | 568    | 659    | 731     | 779     | 861     |  |

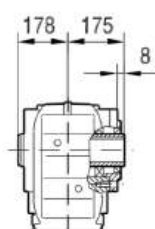


39 018 03 00

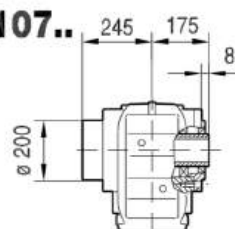
# KAZ107 ..



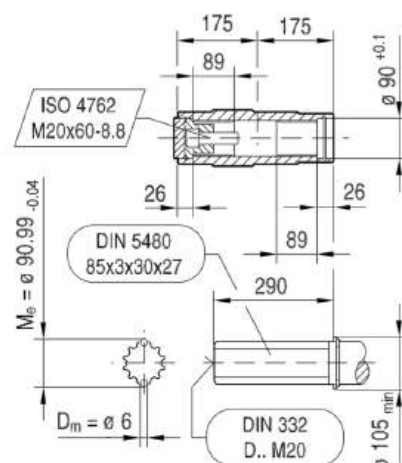
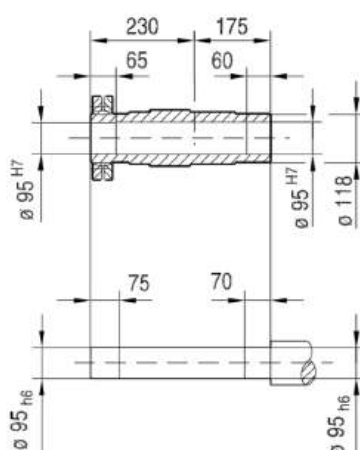
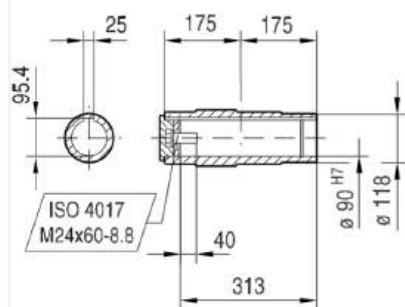
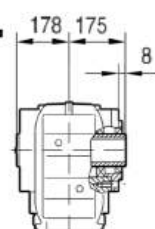
## KAZ107..



## KHZ107..



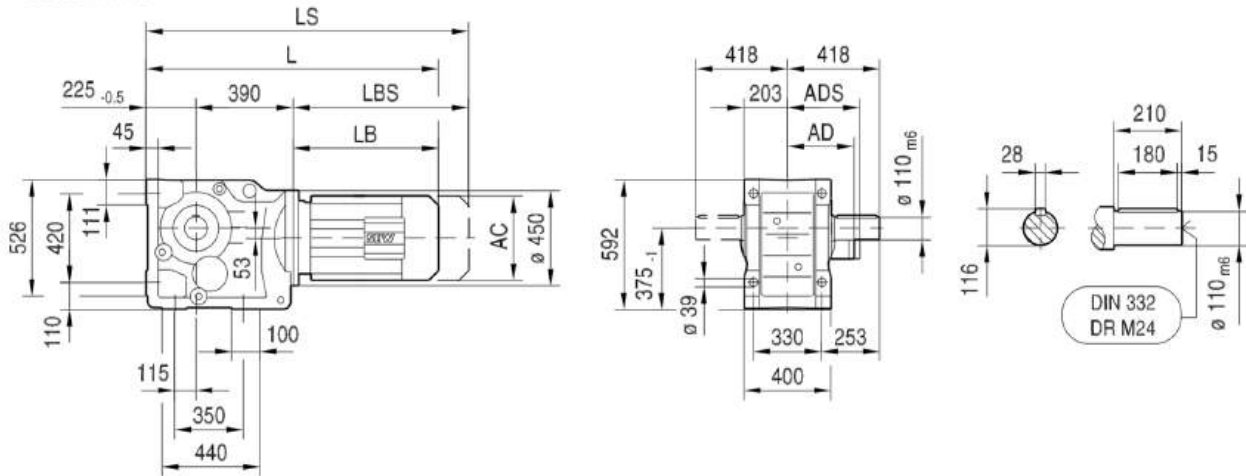
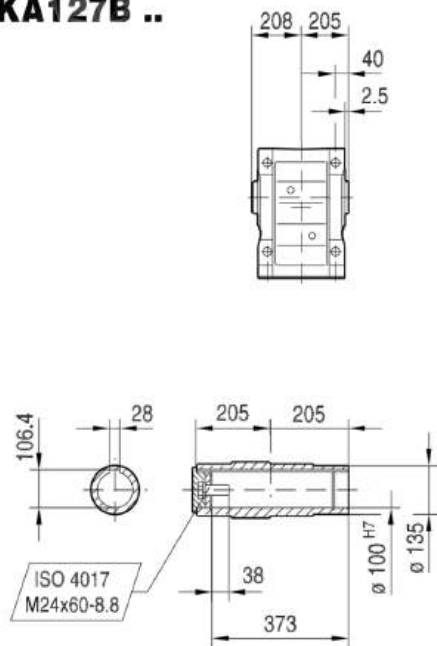
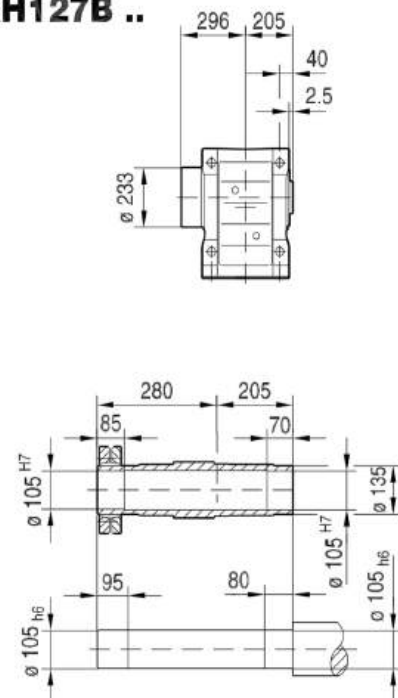
## KVZ107..



| ( 102) | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |  |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|--|
| AC     | 197    | 221    | 221    | 275    | 275     | 275    | 331    | 331     | 394     | 394     |  |
| AD     | 166    | 179    | 179    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| ADS    | 166    | 182    | 182    | 230    | 230     | 230    | 258    | 258     | 285     | 289     |  |
| L LS   | 862    | 866    | 911    | 933    | 993     | 993    | 1040   | 1112    | 1160    | 1242    |  |
| LB     | 947    | 946    | 991    | 1045   | 1105    | 1105   | 1196   | 1268    | 1316    | 1398    |  |
| LBS    | 325    | 329    | 374    | 396    | 456     | 456    | 503    | 575     | 623     | 705     |  |
|        | 410    | 409    | 454    | 508    | 568     | 568    | 659    | 731     | 779     | 861     |  |



34 009 03 00

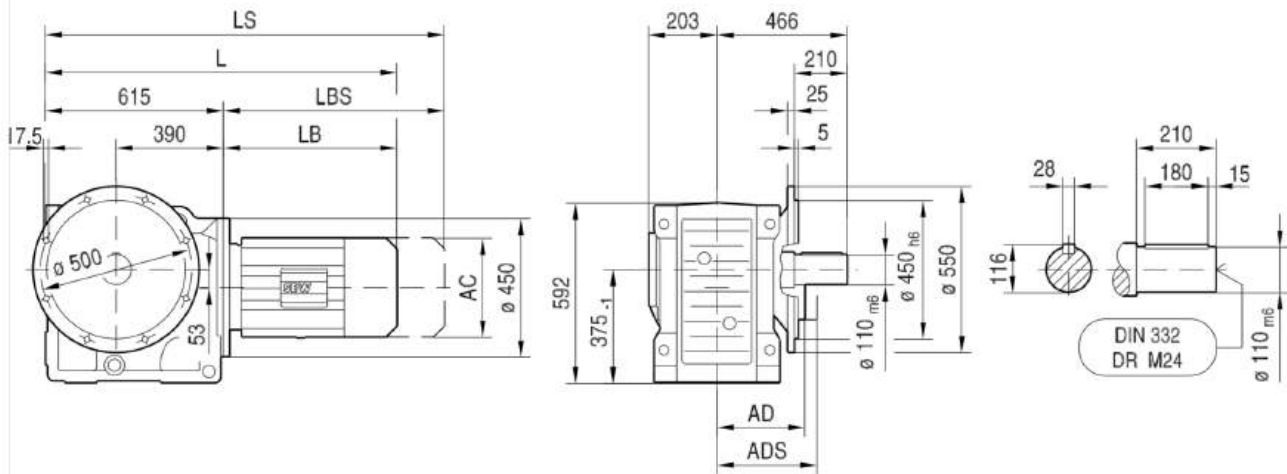
**K127 ..****KA127B ..****KH127B ..**

| ( 102)DV132MDV132MLDV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M |      |      |      |
|---------------------------|--------|---------|---------|---------|--------|--------|-------|------|------|------|
| AC                        | 275    | 275     | 275     | 331     | 331    | 394    | 394   | 510  | 510  | 537  |
| AD                        | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| ADS                       | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| L LS                      | 996    | 1056    | 1056    | 1103    | 1175   | 1223   | 1305  | 1395 | 1395 | 1521 |
| LB                        | 1108   | 1168    | 1168    | 1259    | 1331   | 1379   | 1461  | 1580 | 1580 | 1732 |
| LBS                       | 381    | 441     | 441     | 488     | 560    | 608    | 690   | 780  | 780  | 906  |
|                           | 493    | 553     | 553     | 644     | 716    | 764    | 846   | 965  | 965  | 1117 |

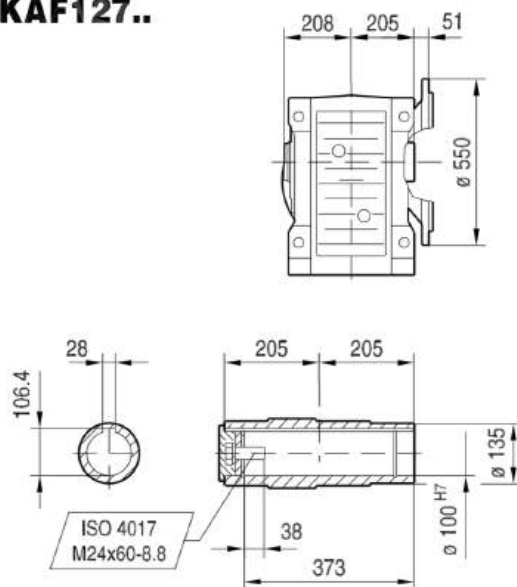


34 021 03 00

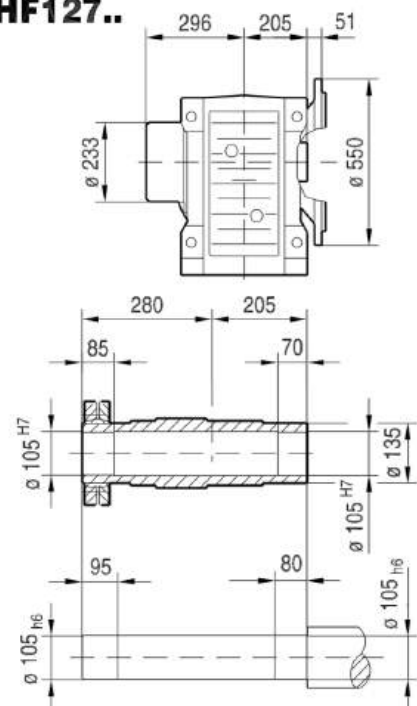
# KF127..



# KAF127..



# KHF127..

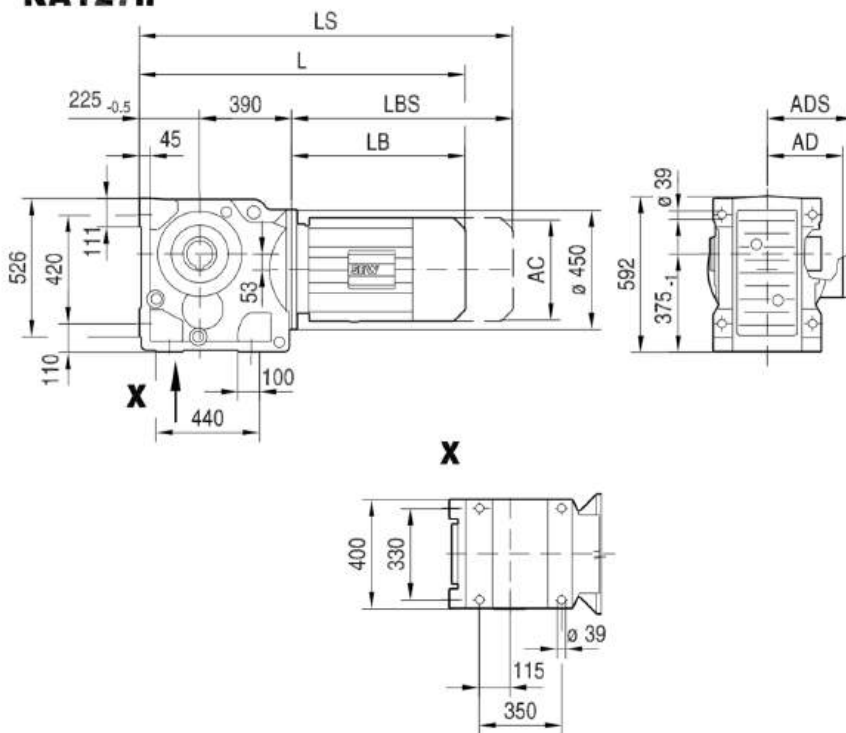
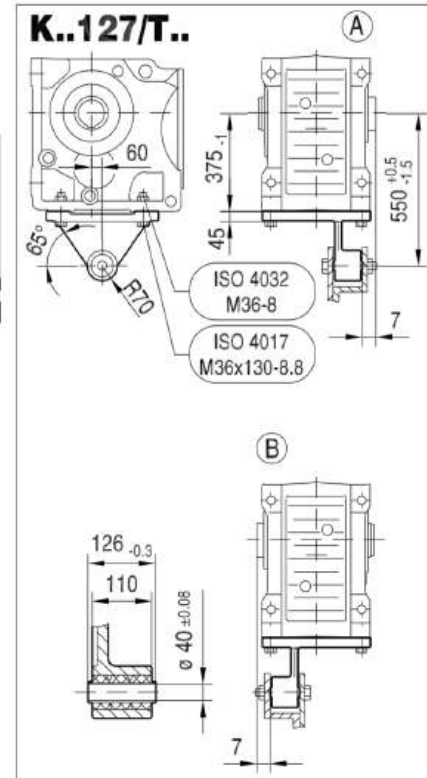
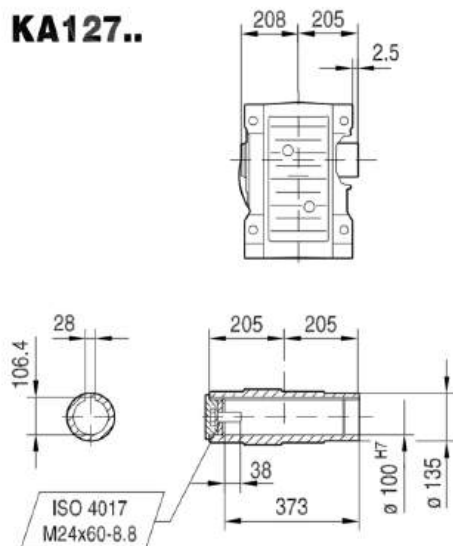
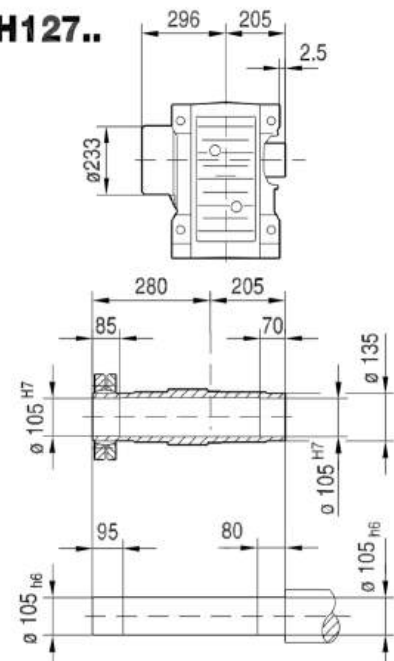


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| ( 102)DV132MDV132MLDV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M |      |      |      |
|---------------------------|--------|---------|---------|---------|--------|--------|-------|------|------|------|
| AC                        | 275    | 275     | 275     | 331     | 331    | 394    | 394   | 510  | 510  | 537  |
| AD                        | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| ADS                       | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| L LS                      | 996    | 1056    | 1056    | 1103    | 1175   | 1223   | 1305  | 1395 | 1395 | 1521 |
| LB                        | 1108   | 1168    | 1168    | 1259    | 1331   | 1379   | 1461  | 1580 | 1580 | 1732 |
| LBS                       | 381    | 441     | 441     | 488     | 560    | 608    | 690   | 780  | 780  | 906  |
|                           | 493    | 553     | 553     | 644     | 716    | 764    | 846   | 965  | 965  | 1117 |



39 009 03 00

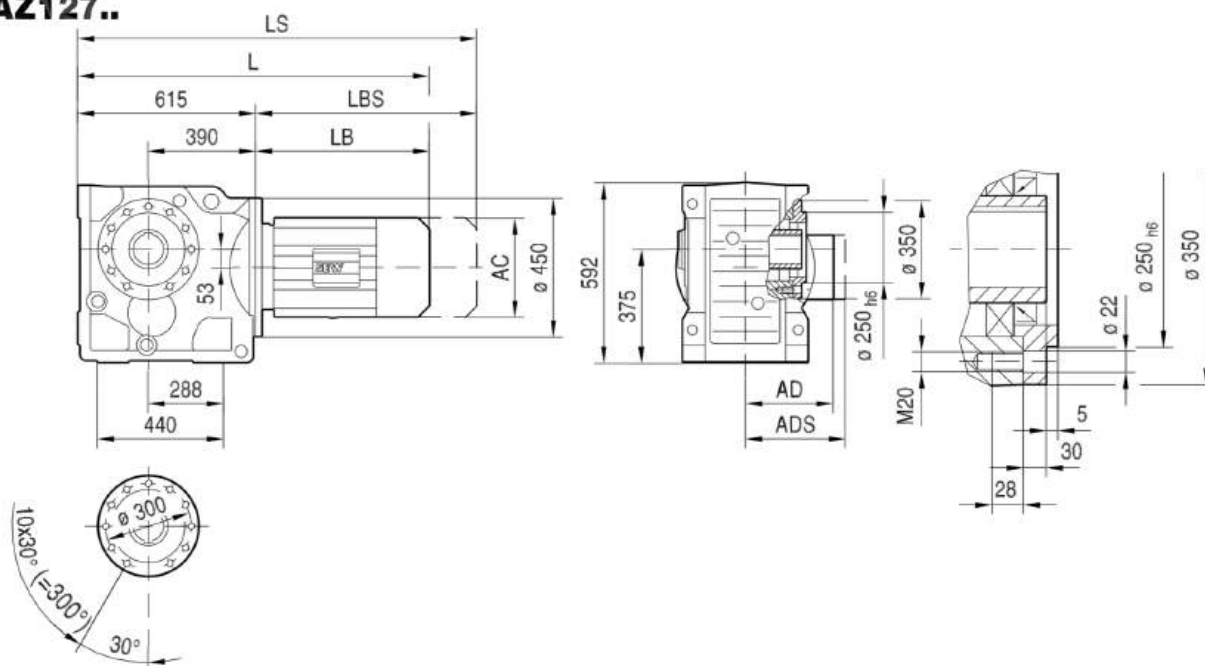
**KA127..****K..127/T..****KA127..****KH127..**

| ( 102)DV132MDV132MLDV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M |      |      |      |
|---------------------------|--------|---------|---------|---------|--------|--------|-------|------|------|------|
| AC                        | 275    | 275     | 275     | 331     | 331    | 394    | 394   | 510  | 510  | 537  |
| AD                        | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| ADS                       | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| L LS                      | 996    | 1056    | 1056    | 1103    | 1175   | 1223   | 1305  | 1395 | 1395 | 1521 |
| LB                        | 1108   | 1168    | 1168    | 1259    | 1331   | 1379   | 1461  | 1580 | 1580 | 1732 |
| LBS                       | 381    | 441     | 441     | 488     | 560    | 608    | 690   | 780  | 780  | 906  |
|                           | 493    | 553     | 553     | 644     | 716    | 764    | 846   | 965  | 965  | 1117 |

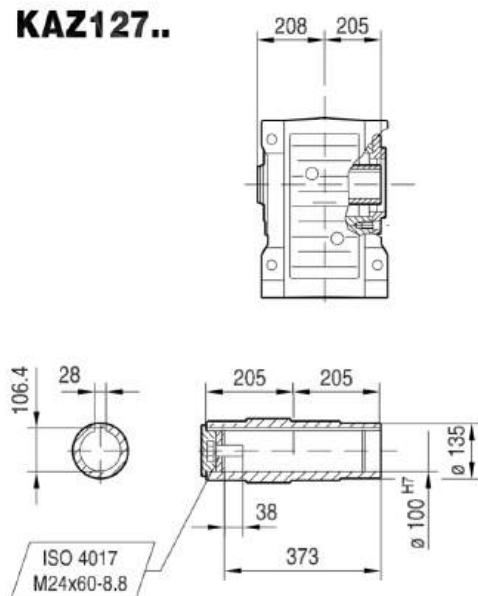


39 019 03 00

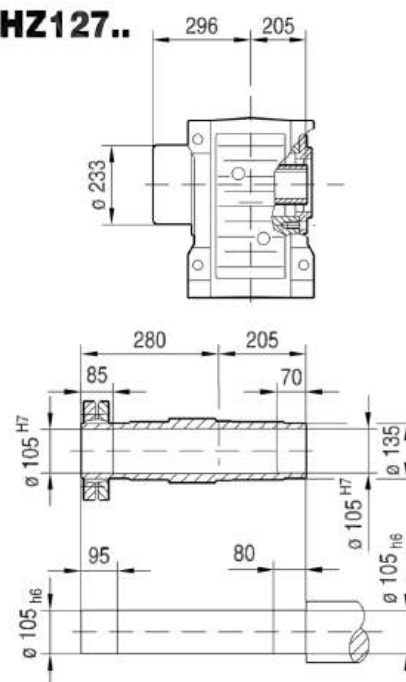
# KAZ127..



# KAZ127..



# KHZ127..



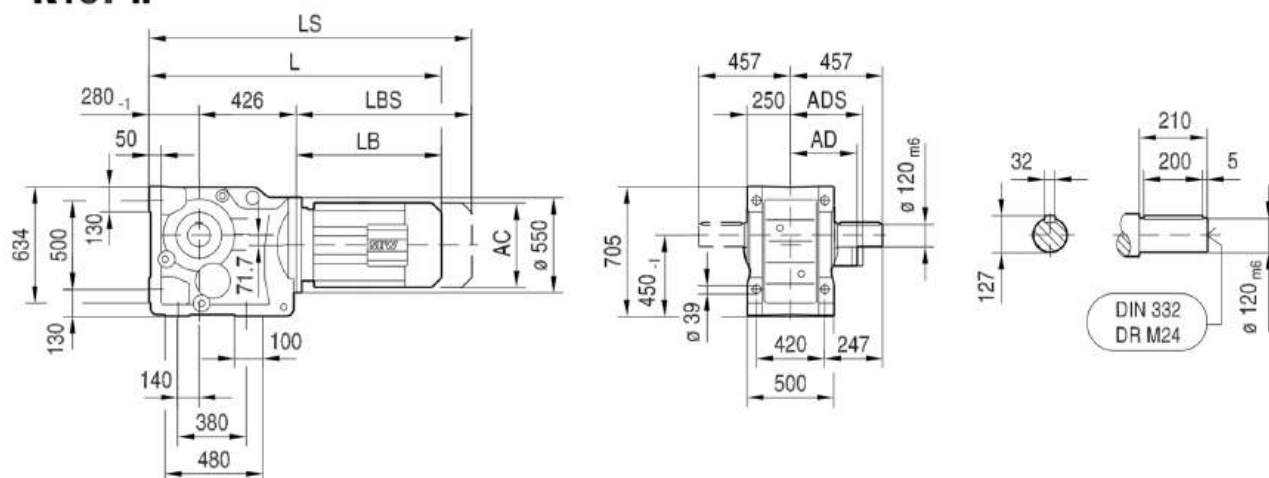
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| ( 102)DV132MDV132MLDV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M |      |      |      |
|---------------------------|--------|---------|---------|---------|--------|--------|-------|------|------|------|
| AC                        | 275    | 275     | 275     | 331     | 331    | 394    | 394   | 510  | 510  | 537  |
| AD                        | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| ADS                       | 230    | 230     | 230     | 258     | 258    | 285    | 289   | 397  | 397  | 382  |
| L LS                      | 996    | 1056    | 1056    | 1103    | 1175   | 1223   | 1305  | 1395 | 1395 | 1521 |
| LB                        | 1108   | 1168    | 1168    | 1259    | 1331   | 1379   | 1461  | 1580 | 1580 | 1732 |
| LBS                       | 381    | 441     | 441     | 488     | 560    | 608    | 690   | 780  | 780  | 906  |
|                           | 493    | 553     | 553     | 644     | 716    | 764    | 846   | 965  | 965  | 1117 |

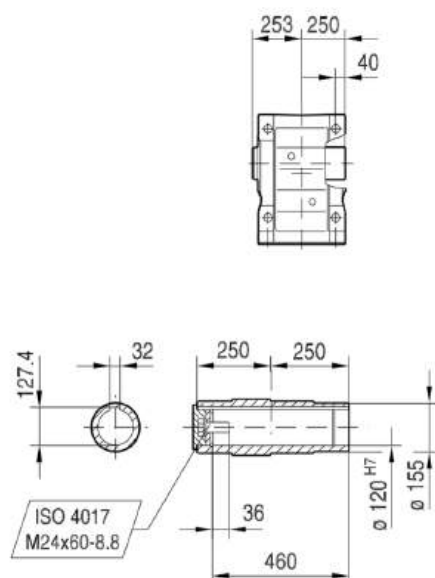


34 010 03 00

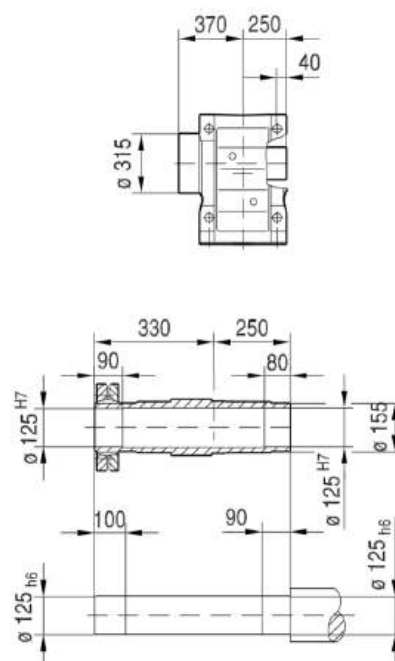
**K157 ..**



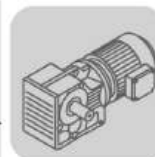
**KA157B ..**



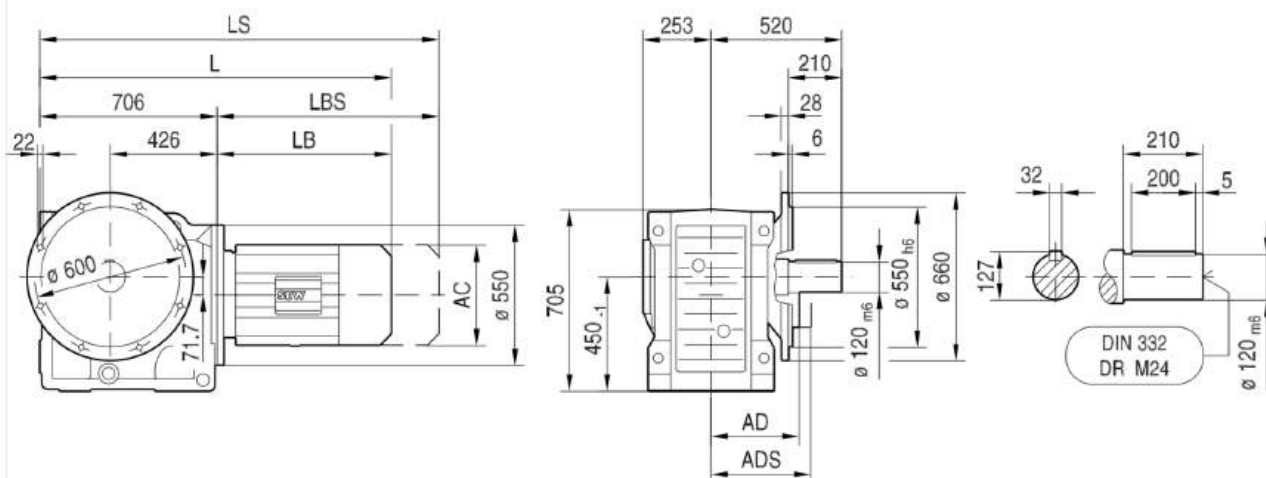
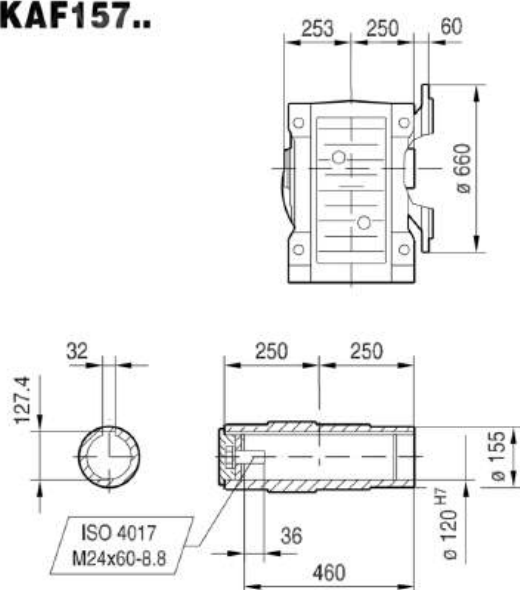
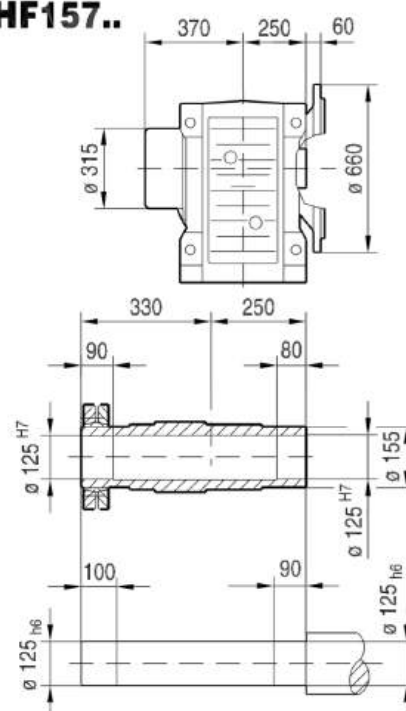
**KH157B ..**



| ( 102) | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |  |
|--------|--------|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|
| AC     | 275    | 331    | 331     | 394     | 394     | 510    | 510    | 537   | 612   | 612   |  |
| AD     | 230    | 258    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |
| ADS    | 230    | 258    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |
| L LS   | 1139   | 1186   | 1258    | 1306    | 1388    | 1477   | 1477   | 1630  | 1681  | 1732  |  |
| LB     | 1251   | 1342   | 1414    | 1462    | 1544    | 1662   | 1662   | 1841  | 1909  | 1960  |  |
| LBS    | 433    | 480    | 552     | 600     | 682     | 771    | 771    | 924   | 975   | 1026  |  |
|        | 545    | 636    | 708     | 756     | 838     | 956    | 956    | 1135  | 1203  | 1254  |  |



34 022 03 00

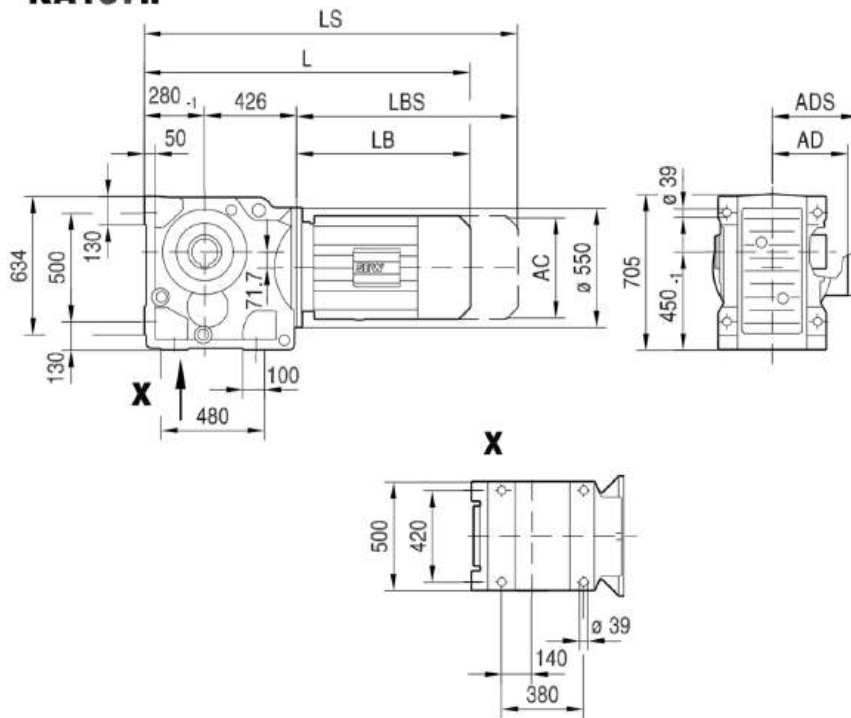
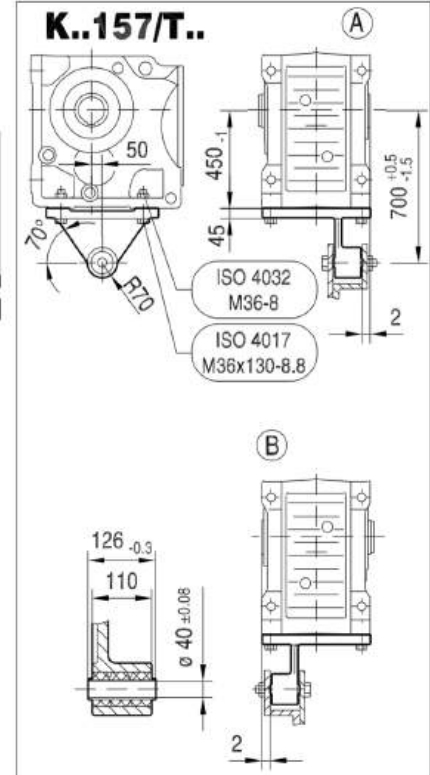
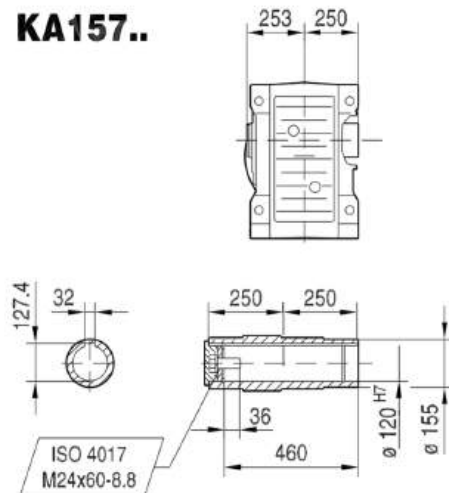
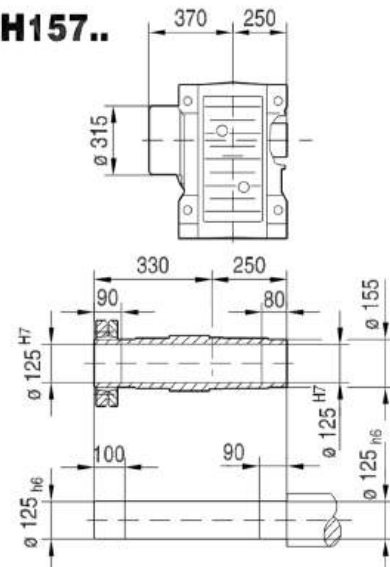
**KF157..****KAF157..****KHF157..**

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| ( 102)DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |      |
|--------------|--------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| AC           | 275    | 331     | 331     | 394     | 394    | 510    | 510   | 537   | 612   | 612  |
| AD           | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| ADS          | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| L LS         | 1139   | 1186    | 1258    | 1306    | 1388   | 1477   | 1477  | 1630  | 1681  | 1732 |
| LB           | 1251   | 1342    | 1414    | 1462    | 1544   | 1662   | 1662  | 1841  | 1909  | 1960 |
| LBS          | 433    | 480     | 552     | 600     | 682    | 771    | 771   | 924   | 975   | 1026 |
|              | 545    | 636     | 708     | 756     | 838    | 956    | 956   | 1135  | 1203  | 1254 |



39 010 03 00

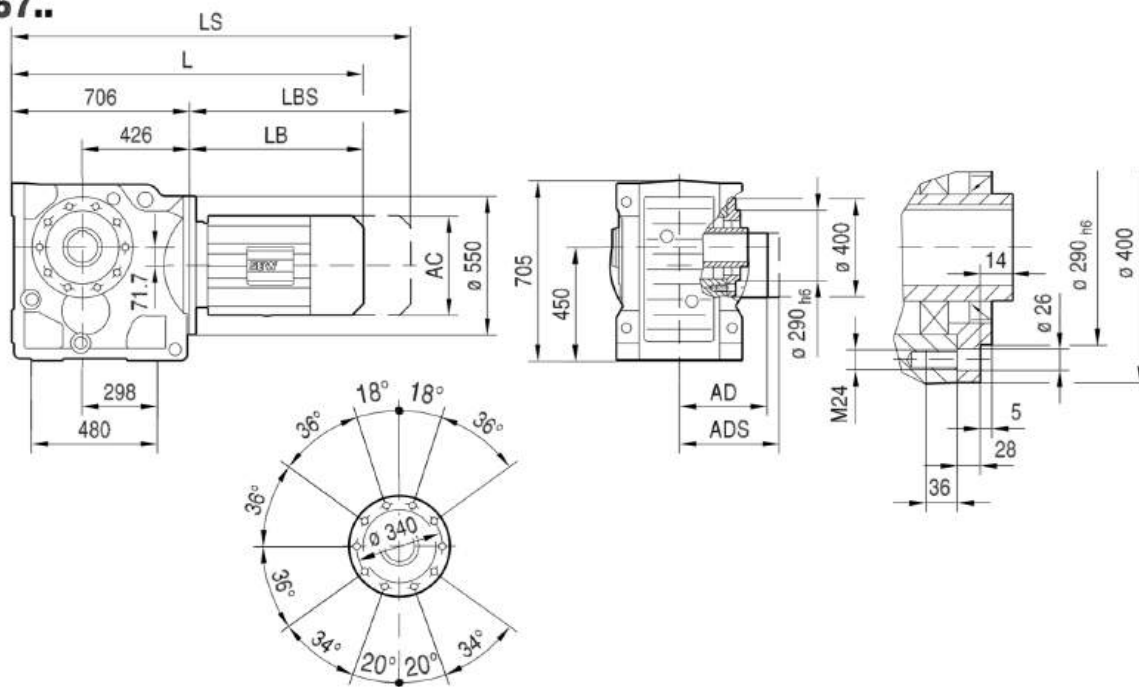
**KA157..****K..157/T..****KA157..****KH157..**

| ( 102)DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |      |
|--------------|--------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| AC           | 275    | 331     | 331     | 394     | 394    | 510    | 510   | 537   | 612   | 612  |
| AD           | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| ADS          | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| L LS         | 1139   | 1186    | 1258    | 1306    | 1388   | 1477   | 1477  | 1630  | 1681  | 1732 |
| LB           | 1251   | 1342    | 1414    | 1462    | 1544   | 1662   | 1662  | 1841  | 1909  | 1960 |
| LBS          | 433    | 480     | 552     | 600     | 682    | 771    | 771   | 924   | 975   | 1026 |
|              | 545    | 636     | 708     | 756     | 838    | 956    | 956   | 1135  | 1203  | 1254 |

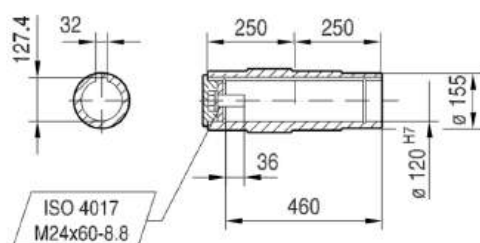
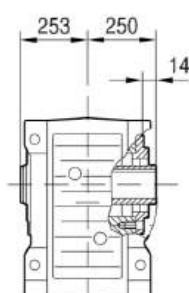


39 020 03 00

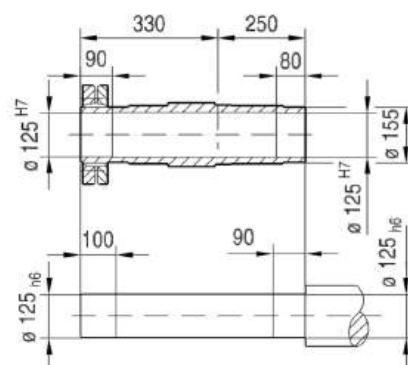
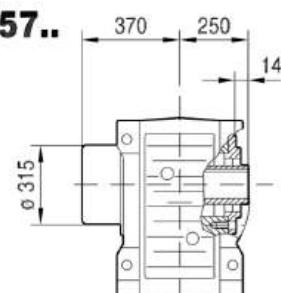
# KAZ157..



# KAZ157..

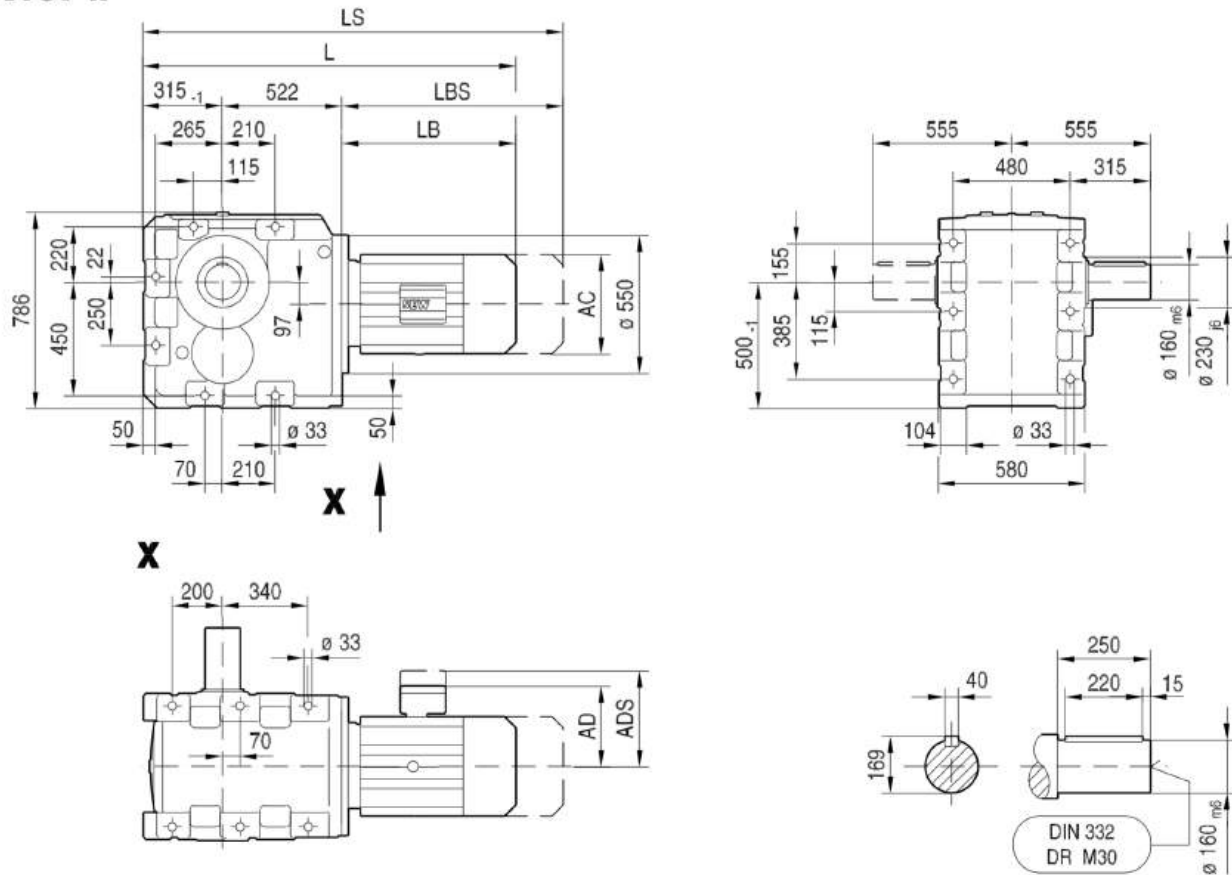
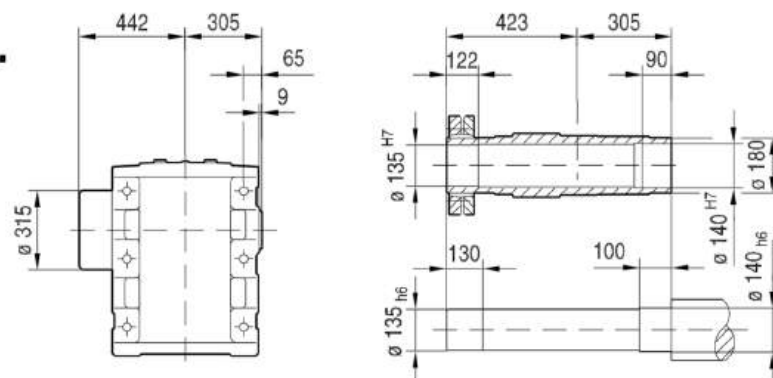


# KHZ157..

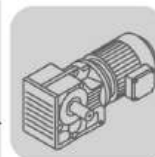


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| ( 102)DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |      |
|--------------|--------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| AC           | 275    | 331     | 331     | 394     | 394    | 510    | 510   | 537   | 612   | 612  |
| AD           | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| ADS          | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| L LS         | 1139   | 1186    | 1258    | 1306    | 1388   | 1477   | 1477  | 1630  | 1681  | 1732 |
| LB           | 1251   | 1342    | 1414    | 1462    | 1544   | 1662   | 1662  | 1841  | 1909  | 1960 |
| LBS          | 433    | 480     | 552     | 600     | 682    | 771    | 771   | 924   | 975   | 1026 |
|              | 545    | 636     | 708     | 756     | 838    | 956    | 956   | 1135  | 1203  | 1254 |

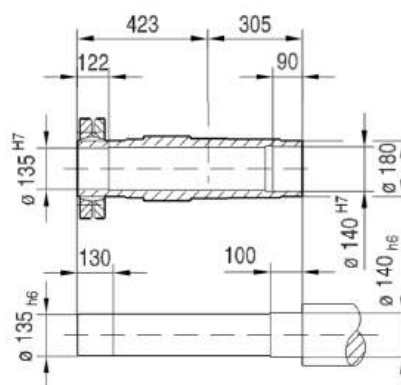
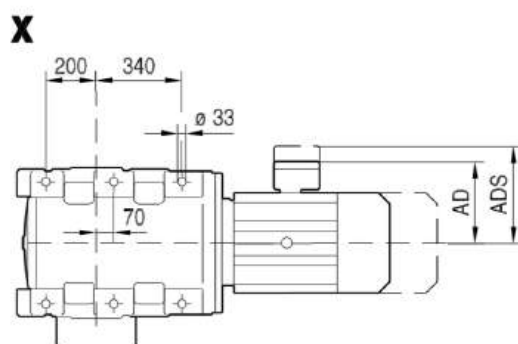
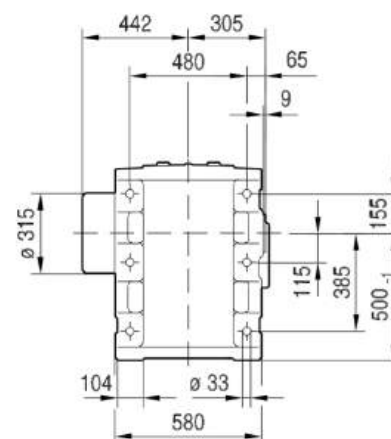
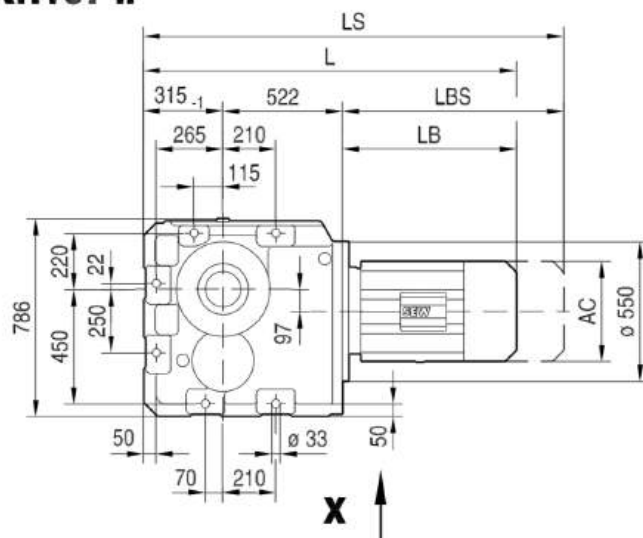
**K167 ..****KH167B ..**

| ( 102)DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |      |
|--------------|--------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| AC           | 275    | 331     | 331     | 394     | 394    | 510    | 510   | 537   | 612   | 612  |
| AD           | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| ADS          | 230    | 258     | 258     | 285     | 289    | 397    | 397   | 382   | 430   | 430  |
| L LS         | 1270   | 1317    | 1389    | 1437    | 1519   | 1608   | 1608  | 1761  | 1812  | 1863 |
| LB           | 1382   | 1473    | 1545    | 1593    | 1675   | 1793   | 1793  | 1972  | 2040  | 2091 |
| LBS          | 433    | 480     | 552     | 600     | 682    | 771    | 771   | 924   | 975   | 1026 |
|              | 545    | 636     | 708     | 756     | 838    | 956    | 956   | 1135  | 1203  | 1254 |

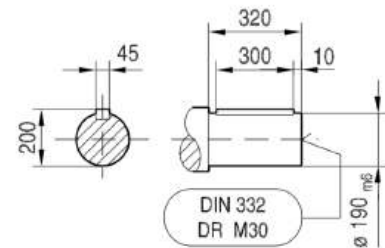
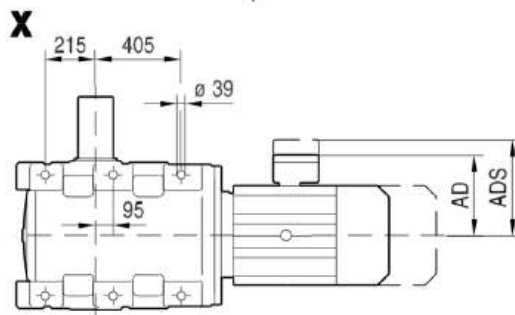
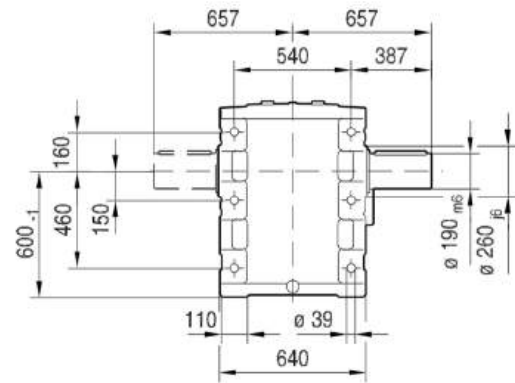
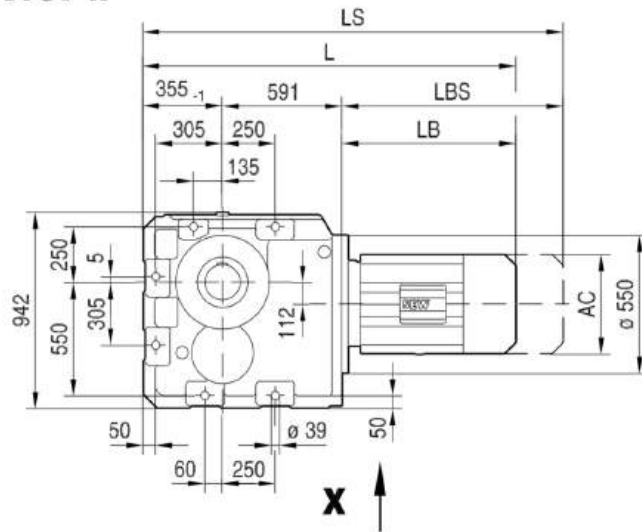
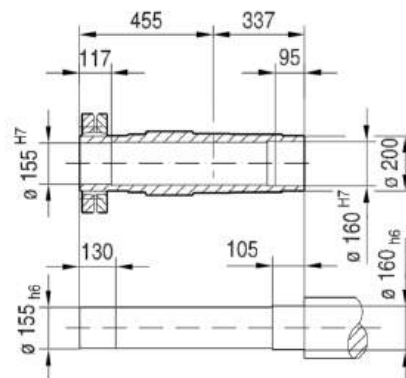
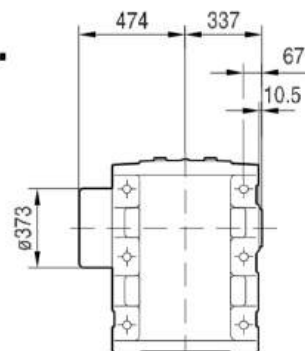


39 021 03 00

**KH167 ..**



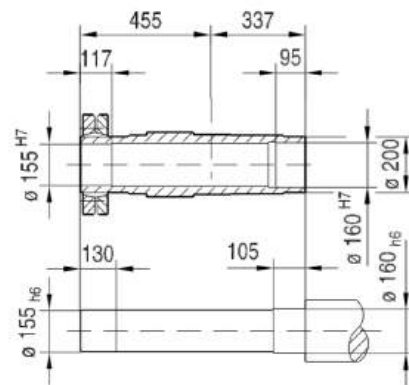
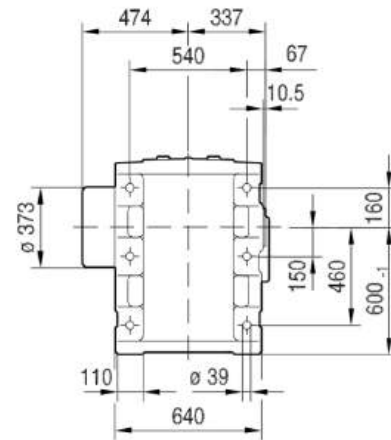
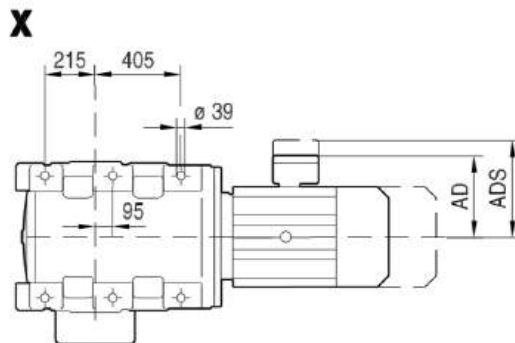
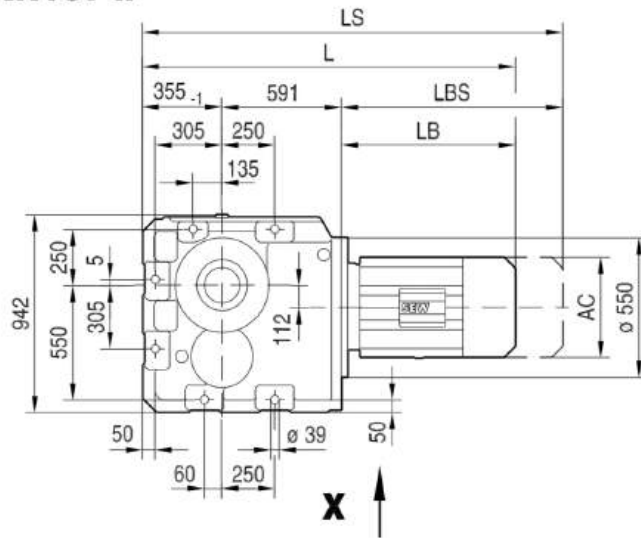
| ( 102) | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |  |
|--------|--------|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|
| AC     | 275    | 331    | 331     | 394     | 394     | 510    | 510    | 537   | 612   | 612   |  |
| AD     | 230    | 258    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |
| ADS    | 230    | 258    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |
| L LS   | 1270   | 1317   | 1389    | 1437    | 1519    | 1608   | 1608   | 1761  | 1812  | 1863  |  |
| LB     | 1382   | 1473   | 1545    | 1593    | 1675    | 1793   | 1793   | 1972  | 2040  | 2091  |  |
| LBS    | 433    | 480    | 552     | 600     | 682     | 771    | 771    | 924   | 975   | 1026  |  |
|        | 545    | 636    | 708     | 756     | 838     | 956    | 956    | 1135  | 1203  | 1254  |  |

**K187 ..****KH187B ..**

| ( 102) | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |  |  |  |
|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|--|--|
| AC     | 331     | 394     | 394     | 510    | 510    | 537   | 612   | 612   |  |  |  |
| AD     | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |  |  |
| ADS    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |  |  |
| L LS   | 1498    | 1546    | 1628    | 1717   | 1717   | 1870  | 1921  | 1972  |  |  |  |
| LB     | 1654    | 1702    | 1784    | 1902   | 1902   | 2081  | 2149  | 2200  |  |  |  |
| LBS    | 552     | 600     | 682     | 771    | 771    | 924   | 975   | 1026  |  |  |  |
|        | 708     | 756     | 838     | 956    | 956    | 1135  | 1203  | 1254  |  |  |  |

39 022 03 00

**KH187 ..**

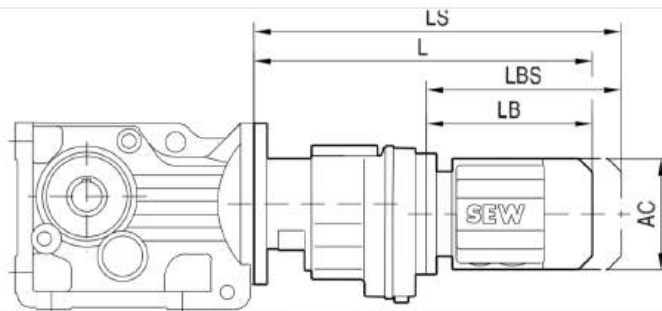


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| ( 102) | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M |  |  |  |
|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|--|--|
| AC     | 331     | 394     | 394     | 510    | 510    | 537   | 612   | 612   |  |  |  |
| AD     | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |  |  |
| ADS    | 258     | 285     | 289     | 397    | 397    | 382   | 430   | 430   |  |  |  |
| L LS   | 1498    | 1546    | 1628    | 1717   | 1717   | 1870  | 1921  | 1972  |  |  |  |
| LB     | 1654    | 1702    | 1784    | 1902   | 1902   | 2081  | 2149  | 2200  |  |  |  |
| LBS    | 552     | 600     | 682     | 771    | 771    | 924   | 975   | 1026  |  |  |  |
|        | 708     | 756     | 838     | 956    | 956    | 1135  | 1203  | 1254  |  |  |  |



34 023 03 00



| ( 102)               |         | AC  | L   | LS  | LB  | LBS |
|----------------------|---------|-----|-----|-----|-----|-----|
| K..37R17             | DR63..  | 132 | 324 | 379 | 149 | 204 |
|                      | DT71D   | 145 | 339 | 403 | 164 | 228 |
|                      | DT80..  | 145 | 389 | 453 | 214 | 278 |
| K..47R37             | DR63..  | 132 | 356 | 411 | 191 | 246 |
|                      | DT71D   | 145 | 371 | 435 | 206 | 270 |
|                      | DT80..  | 145 | 421 | 485 | 256 | 320 |
| K..57R37<br>K..67R37 | DR63..  | 132 | 356 | 411 | 191 | 246 |
|                      | DT71D   | 145 | 371 | 435 | 206 | 270 |
|                      | DT80..  | 145 | 421 | 485 | 256 | 320 |
| K..77R37             | DT90..  | 197 | 441 | 526 | 276 | 361 |
|                      | DR63..  | 132 | 348 | 403 | 191 | 246 |
|                      | DT71D   | 145 | 363 | 427 | 206 | 270 |
| K..87R57             | DT80..  | 145 | 413 | 477 | 256 | 320 |
|                      | DT90..  | 197 | 433 | 518 | 276 | 361 |
|                      | DR63..  | 132 | 401 | 456 | 185 | 240 |
| K..97R57             | DT71D   | 145 | 415 | 479 | 199 | 263 |
|                      | DT80..  | 145 | 465 | 529 | 249 | 313 |
|                      | DT90..  | 197 | 485 | 570 | 269 | 354 |
| K..107R77            | DV100M  | 197 | 535 | 620 | 319 | 404 |
|                      | DV100L  | 197 | 565 | 650 | 349 | 434 |
|                      | DR63..  | 132 | 396 | 451 | 185 | 240 |
| K..127R77            | DT71D   | 145 | 410 | 474 | 199 | 263 |
|                      | DT80..  | 145 | 460 | 524 | 249 | 313 |
|                      | DT90..  | 197 | 480 | 565 | 269 | 354 |
| K..157R97            | DV100M  | 197 | 530 | 615 | 319 | 404 |
|                      | DV100L  | 197 | 560 | 645 | 349 | 434 |
|                      | DV112M  | 221 | 565 | 645 | 354 | 434 |
| K..187R97            | DR63..  | 132 | 426 | 481 | 179 | 234 |
|                      | DT71D   | 145 | 440 | 504 | 193 | 257 |
|                      | DT80..  | 145 | 490 | 554 | 243 | 307 |
| K..207R97            | DT90..  | 197 | 508 | 593 | 261 | 346 |
|                      | DV100M  | 197 | 558 | 643 | 311 | 396 |
|                      | DV100L  | 197 | 588 | 673 | 341 | 426 |
| K..227R97            | DV112M  | 221 | 592 | 672 | 345 | 425 |
|                      | DV132S  | 221 | 637 | 717 | 390 | 470 |
|                      | DV132M  | 275 | 659 | 771 | 412 | 524 |
| K..247R97            | DV132ML | 275 | 719 | 831 | 472 | 584 |
|                      | DV160M  | 275 | 719 | 831 | 472 | 584 |
|                      |         |     |     |     |     |     |
| K..267R97            |         |     |     |     |     |     |
|                      |         |     |     |     |     |     |
|                      |         |     |     |     |     |     |

| ( 102)    |         | AC  | L    | LS   | LB  | LBS |
|-----------|---------|-----|------|------|-----|-----|
| K..127R77 | DR63..  | 132 | 411  | 466  | 179 | 234 |
|           | DT71D   | 145 | 425  | 489  | 193 | 257 |
|           | DT80..  | 145 | 475  | 539  | 243 | 307 |
| K..127R87 | DT90..  | 197 | 493  | 578  | 261 | 346 |
|           | DV100M  | 197 | 543  | 628  | 311 | 396 |
|           | DV100L  | 197 | 573  | 658  | 341 | 426 |
| K..157R97 | DV112M  | 221 | 577  | 657  | 345 | 425 |
|           | DV132S  | 221 | 622  | 702  | 390 | 470 |
|           | DV132M  | 275 | 644  | 756  | 412 | 524 |
| K..187R97 | DV132ML | 275 | 704  | 816  | 472 | 584 |
|           | DV160M  | 275 | 704  | 816  | 472 | 584 |
|           | DT90..  | 197 | 537  | 622  | 257 | 342 |
| K..207R97 | DV100M  | 197 | 587  | 672  | 307 | 392 |
|           | DV100L  | 197 | 617  | 702  | 337 | 422 |
|           | DV112M  | 221 | 620  | 700  | 340 | 420 |
| K..227R97 | DV132S  | 221 | 665  | 745  | 385 | 465 |
|           | DV132M  | 275 | 687  | 799  | 407 | 519 |
|           | DV132ML | 275 | 747  | 859  | 467 | 579 |
| K..247R97 | DV160M  | 275 | 747  | 859  | 467 | 579 |
|           | DV160L  | 331 | 794  | 950  | 514 | 670 |
|           | DV180.. | 331 | 866  | 1022 | 586 | 742 |
| K..267R97 | DT80..  | 145 | 556  | 620  | 231 | 295 |
|           | DT90..  | 197 | 576  | 661  | 251 | 336 |
|           | DV100M  | 197 | 626  | 711  | 301 | 386 |
| K..287R97 | DV100L  | 197 | 656  | 741  | 331 | 416 |
|           | DV112M  | 221 | 660  | 740  | 335 | 415 |
|           | DV132S  | 221 | 705  | 785  | 380 | 460 |
| K..307R97 | DV132ML | 275 | 727  | 839  | 402 | 514 |
|           | DV160M  | 275 | 787  | 899  | 462 | 574 |
|           | DV160L  | 275 | 787  | 899  | 462 | 574 |
| K..327R97 | DV180.. | 331 | 834  | 990  | 509 | 665 |
|           | DV200.. | 331 | 906  | 1062 | 581 | 737 |
|           | DV100M  | 394 | 954  | 1110 | 629 | 785 |
| K..347R97 | DV100L  | 197 | 677  | 762  | 295 | 380 |
|           | DV112M  | 197 | 707  | 792  | 325 | 410 |
|           | DV132S  | 221 | 711  | 791  | 329 | 409 |
| K..367R97 | DV132M  | 221 | 756  | 836  | 374 | 454 |
|           |         | 275 | 778  | 890  | 396 | 508 |
|           |         | 275 | 838  | 950  | 456 | 568 |
| K..387R97 |         | 275 | 838  | 950  | 456 | 568 |
|           |         | 331 | 885  | 1041 | 503 | 659 |
|           | DV132ML | 331 | 957  | 1113 | 575 | 731 |
| K..407R97 | DV160M  | 394 | 1005 | 1161 | 623 | 779 |
|           | DV160L  | 394 | 1087 | 1243 | 705 | 861 |
|           | DV180.. |     |      |      |     |     |
| K..427R97 | DV200.. |     |      |      |     |     |
|           | DV225.. |     |      |      |     |     |
|           |         |     |      |      |     |     |