

کاتالوگ گیربکس هلیکال SEW

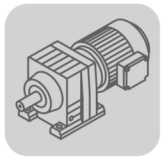
فروشگاه سعدی جنوبی



مدیر فروش:

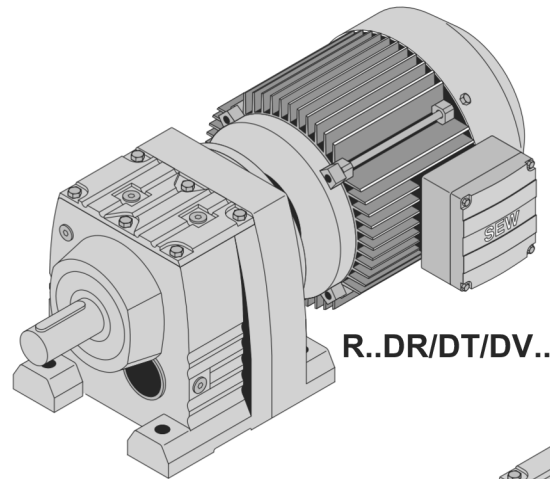
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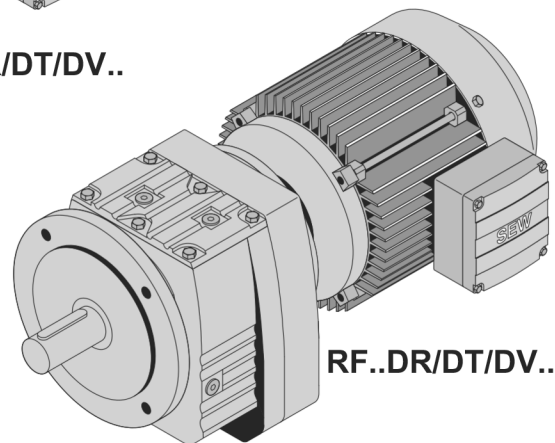


8 R..DR/DT/DV

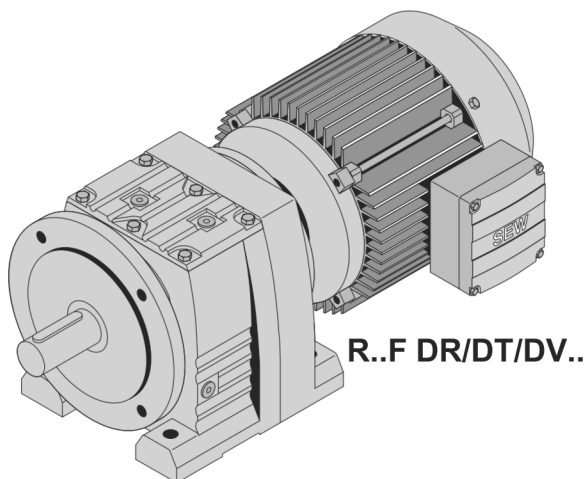
8.1 R, RF, R..F, RM, RX, RXF..DR/DT/DV



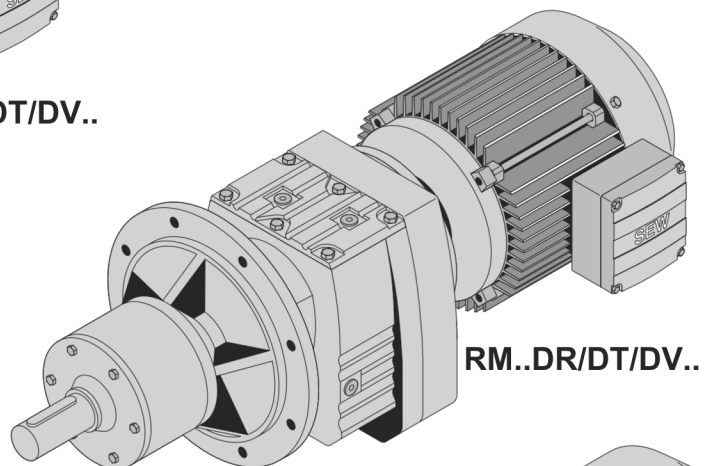
R..DR/DT/DV..



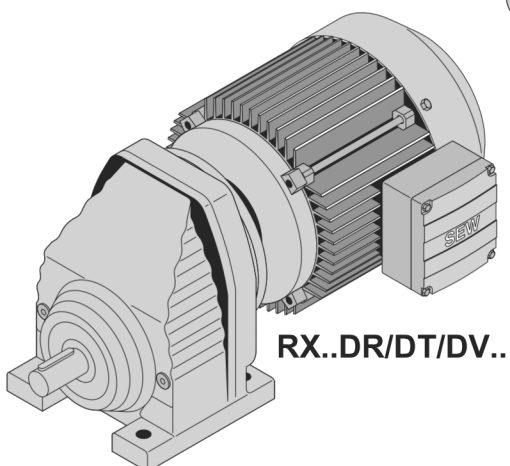
RF..DR/DT/DV..



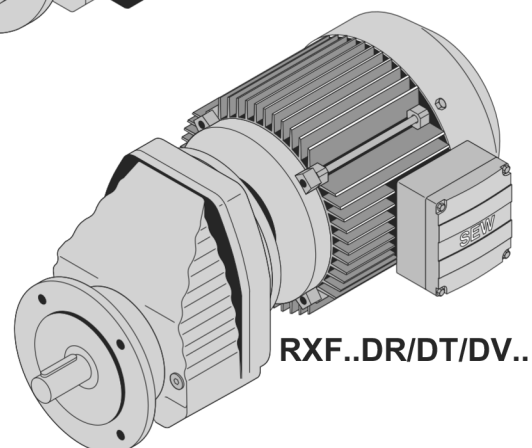
R..F DR/DT/DV..



RM..DR/DT/DV..



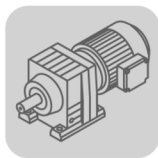
RX..DR/DT/DV..



RXF..DR/DT/DV..

84
15

04453AXX



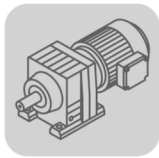
R..DR/DT/DV
R.. DR/DT/DV

8.2R.. DR/DT/DV

RX57, ne = 1400 1/min										69 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
255	39	3100	-	5.50*						
276	36	3030	-	5.07						
322	68	2640	-	4.35						
369	69	2480	-	3.79						
394	69	2420	-	3.55*						
446	65	2320	-	3.14						
481	67	2170	-	2.91						
530	69	1810	-	2.64*						
591	69	1500	-	2.37						
686	69	1070	-	2.04						
729	69	890	-	1.92*						
848	69	430	-	1.65						
946	68	112	-	1.48						
1075	63	132	-	1.30						

RX67, ne = 1400 1/min										134 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
231	43	4010	-	6.07						
270	75	3580	-	5.18						
309	82	3350	-	4.53						
326	80	3300	-	4.30*						
371	87	3090	-	3.77						
438	100	2800	-	3.20*						
484	106	2640	-	2.89						
551	118	2000	-	2.54						
583	123	1530	-	2.40*						
686	134	230	-	2.04						
753	126	225	-	1.86						
870	114	245	-	1.61						
1000	104	205	-	1.40*						

RX77, ne = 1400 1/min											215 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
175	57	6330	-	8.00*							
187	53	6200	-	7.47							
218	103	5600	-	6.41							
249	110	5300	-	5.63							
262	103	5240	-	5.35*							
296	123	4900	-	4.73							
347	143	4500	-	4.04*							
378	153	4290	-	3.70							
431	182	3200	-	3.25*							
455	193	2560	-	3.08*							
519	215	1110	-	2.70							
576	215	510	-	2.43							
657	200	435	-	2.13							
745	187	335	-	1.88*							
838	173	315	-	1.67							
986	155	315	-	1.42							



RX87, ne = 1400 1/min

405 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
162	139	7890	-	8.65							
183	149	7490	-	7.63							
194	140	7380	-	7.20*							
217	192	6850	-	6.45							
252	225	6320	-	5.56*							
276	250	5980	-	5.07							
311	290	5500	-	4.50*							
370	305	5030	-	3.78							
402	405	2730	-	3.48							
453	405	1950	-	3.09							
507	405	1200	-	2.76*							
565	405	470	-	2.48							
651	385	42	-	2.15							
725	355	185	-	1.93							
875	315	74	-	1.60*							
1005	290	74	-	1.39							

RX97, ne = 1400 1/min

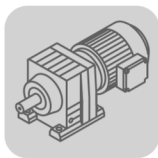
595 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
170	225	9560	-	8.23								
196	260	8950	-	7.16*								
213	300	8500	-	6.56								
242	420	7630	-	5.79								
285	395	7220	-	4.91								
310	595	6180	-	4.52								
347	595	5380	-	4.04								
385	595	4530	-	3.64*								
424	595	3730	-	3.30								
479	595	2810	-	2.92								
530	595	1980	-	2.64								
625	595	495	-	2.24*								
714	570	19	-	1.96								
854	505	51	-	1.64								
986	455	132	-	1.42								

RX107, ne = 1400 1/min

830 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
211	460	9700	-	6.63*						
250	455	9080	-	5.61						
270	695	7850	-	5.19						
301	695	7450	-	4.65						
333	830	6420	-	4.20*						
367	830	5550	-	3.81						
414	830	4490	-	3.38						
456	830	3600	-	3.07						
530	830	2170	-	2.64*						
609	830	900	-	2.30						
718	765	555	-	1.95						
819	705	480	-	1.71						
972	645	315	-	1.44						



R..DR/DT/DV
R.. DR/DT/DV

R07, ne = 1400 1/min

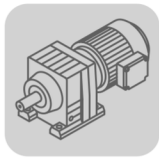
50 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT56 DT71
 3					
18	50	1230	-	78.24	
20	50	1230	-	71.47	
23	50	1230	-	60.32	
27	50	1230	-	51.52	
29	50	1230	-	47.78	
32	50	1230	-	44.16	
34	50	1230	-	41.31	
35	50	1230	-	40.34	
36	50	1220	-	38.51	
41	50	1160	-	34.05	
48	50	1080	-	29.08	
52	50	1050	-	26.97	
60	50	980	-	23.32	
64	50	950	-	21.73	
 2					
76	50	880	-	18.31	
84	50	840	-	16.73	
99	50	780	-	14.12	
116	50	720	-	12.06	
125	50	695	-	11.18	
145	50	645	-	9.67	
155	50	620	-	9.01	
178	49	585	-	7.85	
187	43	500	-	7.48	
205	43	450	-	6.83	
243	40	440	-	5.76	
285	37	445	-	4.92	
306	36	435	-	4.57	
354	34	425	-	3.95	
380	33	420	-	3.68	
436	31	415	-	3.21	

R17, ne = 1400 1/min

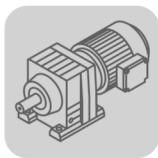
85 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80
 3						
17	85	1770	-	81.64		
20	85	1770	-	70.39		
21	85	1770	-	65.61		
24	85	1770	-	57.35		
26	85	1770	-	53.76		
30	85	1770	-	47.44		
32	85	1770	-	44.18		
36	85	1770	-	38.61		
39	85	1770	-	36.20		
44	85	1770	-	31.94		
49	85	1770	-	28.32		
58	85	1650	-	24.07		
 2						
55	85	1690	-	25.23		
60	85	1620	-	23.15		
71	85	1500	-	19.71		
82	85	1400	-	16.99		
88	85	1350	-	15.84		



R17, ne = 1400 1/min					85 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80
101	85	1270	-	13.84		
108	85	1230	-	12.98		
122	81	1180	-	11.45		
138	77	1140	-	10.15		
162	72	1090	-	8.63		
185	56	1040	-	7.55		
199	55	1010	-	7.04		
228	54	950	-	6.15		
243	53	930	-	5.76		
275	51	890	-	5.09		
310	48	870	-	4.51		
366	45	830	-	3.83		

R27, ne = 1400 1/min					130 Nm			
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
 3								
10	130	4230	-	135.09				
11	130	4230	-	123.91				
13	130	4230	-	105.49				
15	130	4230	-	90.96				
17	130	4230	-	84.78				
19	130	4230	-	74.11				
20	130	4180	-	69.47				
23	130	3980	-	61.30				
25	130	3840	-	55.87				
29	130	3630	-	48.17				
31	130	3530	-	44.90				
36	130	3350	-	39.25				
38	130	3260	-	36.79				
43	130	3100	-	32.47				
49	130	2950	-	28.78				
57	130	2770	-	24.47				
 2								
49	130	2940	-	28.37				
54	130	2840	-	26.09				
63	130	2660	-	22.32				
72	130	2510	-	19.35				
77	130	2440	-	18.08				
90	130	2290	-	15.63				
105	130	2140	-	13.28*				
118	129	1990	-	11.86				
138	122	1890	-	10.13				
149	122	900	-	9.41				
172	116	870	-	8.16				
183	112	900	-					
212	106	880	-	7.63*				
250	99	880	-	6.59				
280	95	860	-	5.60*				
328	87	920	-	5.00*				
350	85	910	-	4.27				
415	79	900	-	4.00*				
				3.37				

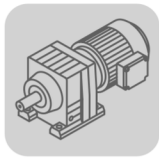


R..DR/DT/DV
R.. DR/DT/DV

R27R17, ne = 1400 1/min

130 Nm

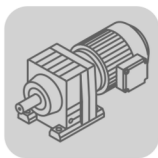
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80
 3  3						
0.16	130	4230	-	8612		
0.19	130	4230	-	7425		
0.20	130	4230	-	6921		
0.23	130	4230	-	6050		
0.27	130	4230	-	5217		
0.30	130	4230	-	4661		
0.34	130	4230	-	4073		
0.40	130	4230	-	3516		
0.44	130	4230	-	3160		
0.51	130	4230	-	2763		
0.58	130	4230	-	2414		
0.66	130	4230	-	2110		
0.75	130	4230	-	1862		
0.86	130	4230	-	1625		
0.98	130	4230	-	1434		
1.1	130	4230	-	1254		
 2  3						
0.77	130	4230	-	1822		
0.89	130	4230	-	1580		
0.96	130	4230	-	1464		
1.1	130	4230	-	1270		
1.3	130	4230	-	1100		
1.4	130	4230	-	972		
1.7	130	4230	-	840		
1.9	130	4230	-	741		
2.1	130	4230	-	654		
2.5	130	4230	-	566		
2.8	130	4230	-	499		
 3  2						
1.3	130	4230	-	1101		
1.5	130	4230	-	962		
1.7	130	4230	-	848		
1.9	130	4230	-	743		
2.2	130	4230	-	649		
2.5	130	4230	-	567		
2.8	130	4230	-	509		
3.2	130	4230	-	432		
3.6	130	4230	-	387		
4.1	130	4230	-	339		
4.7	130	4230	-	296		
5.4	130	4230	-	259		
6.1	130	4230	-	229		
7.0	130	4230	-	200		
7.9	130	4230	-	177		
8.4	130	4230	-	166		
9.3	130	4230	-	150		
9.9	130	4230	-	141		
11	130	4230	-	124		
13	130	4230	-	110		
15	130	4230	-	94		
 2  2						
3.2	130	4230	-	440		
3.7	130	4230	-	381		
4.3	130	4230	-	329		
4.8	130	4230	-	290		



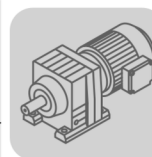
R27R17, ne = 1400 1/min					130 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80
5.5	130	4230	-	256		
6.2	130	4230	-	227		
6.9	130	4230	-	203		
7.8	130	4230	-	179		
9.0	130	4230	-	156		
10	130	4230	-	135		
12	130	4230	-	118		
13	130	4230	-	104		
16	130	4230	-	90		

R37, ne = 1400 1/min					200 Nm			
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100
 3								
10	200	4950	8	134.82				
11	200	4950	8	123.66				
13	200	4950	8	105.28				
15	200	4950	8	90.77				
17	200	4950	8	84.61				
19	200	4950	8	73.96				
20	200	4950	8	69.33				
23	200	4950	8	61.18				
25	200	4950	9	55.76				
29	200	4950	9	48.08				
31	200	4950	9	44.81				
36	200	4760	9	39.17				
38	200	4540	9	36.72				
43	200	4120	9	32.40				
49	200	3740	9	28.73				
57	200	3240	9	24.42				
 2								
49	200	3690	7	28.32				
54	185	3860	7	26.03				
63	200	2970	7	22.27				
73	200	2570	7	19.31				
78	200	2390	8	18.05				
90	200	2010	8	15.60				
106	190	1880	8	13.25				
118	183	1810	8	11.83				
138	170	1820	8	10.11				
148	167	1760	8	9.47				
176	156	1720	8	7.97				
210	144	1000	12	6.67				
247	142	760	12	5.67				
277	135	790	13	5.06				
324	126	820	13	4.32				
346	122	850	13	4.05				
411	112	900	14	3.41				

R37R17, ne = 1400 1/min					200 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80
 3  3						
0.16	200	4950	-	8595		
0.19	200	4950	-	7411		
0.20	200	4950	-	6907		
0.23	200	4950	-	6038		

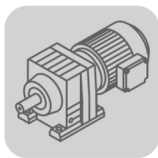


R37R17, ne = 1400 1/min					200 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80
0.27	200	4950	-	5206		
0.30	200	4950	-	4651		
0.34	200	4950	-	4065		
0.38	200	4950	-	3658		
0.44	200	4950	-	3154		
0.51	200	4950	-	2757		
0.58	200	4950	-	2409		
0.66	200	4950	-	2106		
0.75	200	4950	-	1856		
0.86	200	4950	-	1622		
0.98	200	4950	-	1431		
1.1	200	4950	-	1251		
 2  3						
0.77	200	4950	-	1818		
0.89	200	4950	-	1576		
1.0	200	4950	-	1359		
1.1	200	4950	-	1267		
1.3	200	4950	-	1098		
1.4	200	4950	-	970		
1.7	200	4950	-	839		
1.9	200	4950	-	740		
2.1	200	4950	-	653		
2.4	200	4950	-	577		
2.8	200	4950	-	498		
 3  2						
1.3	200	4950	-	1099		
1.5	200	4950	-	960		
1.7	200	4950	-	847		
1.9	200	4950	-	741		
2.2	200	4950	-	647		
2.5	200	4950	-	566		
2.8	200	4950	-	508		
3.2	200	4950	-	431		
3.6	200	4950	-	387		
4.1	200	4950	-	338		
4.7	200	4950	-	296		
5.4	200	4950	-	259		
6.1	200	4950	-	228		
7.0	200	4950	-	199		
8.1	200	4950	-	172		
9.3	200	4950	-	150		
11	200	4950	-	130		
11	200	4950	-	124		
13	200	4950	-	110		
15	200	4950	-	94		
 2  2						
3.2	200	4950	-	439		
3.7	200	4950	-	378		
4.3	200	4950	-	328		
4.8	200	4950	-	289		
5.3	200	4950	-	265		
6.2	200	4950	-	226		
6.9	200	4950	-	202		
7.8	200	4950	-	179		
9.0	200	4950	-	156		
10	200	4950	-	135		



R37R17, ne = 1400 1/min					200 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80
11	200	4950	-	127		
13	200	4950	-	104		
16	200	4950	-	90		

R47, ne = 1400 1/min					300 Nm					
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
3										
7.9	300	5420	7	176.88						
8.6	300	5420	7	162.94						
10	300	5420	7	139.99						
11	300	5420	7	121.87						
12	300	5420	7	114.17						
14	300	5420	7	100.86						
15	300	5420	7	93.68						
16	300	5420	7	84.90						
18	300	5420	7	76.23						
20	300	5420	8	68.54						
22	300	5420	8	64.21						
25	300	5420	8	56.73						
27	300	5350	8	52.69						
29	300	5150	8	47.75						
33	300	4930	8	42.87						
38	300	4630	8	36.93						
40	300	4520	8	34.73						
47	300	4240	8	29.88						
52	300	4050	8	26.70						
59	300	3840	8	23.59						
2										
41	240	4690	7	33.79						
45	220	4610	7	31.12						
52	300	4050	7	26.74						
60	300	3820	7	23.28						
64	300	3710	7	21.81						
73	295	3530	7	19.27						
78	290	3390	7	17.89						
86	275	3350	7	16.22						
96	265	3230	7	14.56						
112	250	3080	7	12.54						
119	245	3020	7	11.79						
138	230	2890	7	10.15						
154	220	2780	8	9.07						
175	205	2690	8	8.01						
180	163	2720	10							
201	159	2620	10	7.76*						
233	156	2470	10	6.96						
248	155	2410	10	6.00						
289	150	2280	10	5.64*						
323	146	2190	11	4.85						
366	144	2090	11	4.34						
				3.83						

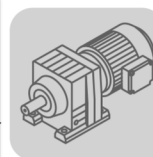


R..DR/DT/DV
R.. DR/DT/DV

R47R37, ne = 1400 1/min

300 Nm

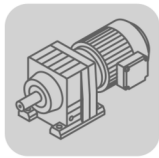
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100
 3  3								
0.10	300	5420	-	13598				
0.11	300	5420	-	12472				
0.13	300	5420	-	10619				
0.15	300	5420	-	9155				
0.16	300	5420	-	8534				
0.19	300	5420	-	7460				
0.20	300	5420	-	6993				
0.23	300	5420	-	6171				
0.25	300	5420	-	5624				
0.29	300	5420	-	4849				
0.31	300	5420	-	4520				
0.35	300	5420	-	3951				
0.38	300	5420	-	3704				
0.43	300	5420	-	3268				
0.48	300	5420	-	2898				
0.57	300	5420	-	2463				
 2  3								
0.54	300	5420	-	2598				
0.59	300	5420	-	2383				
0.69	300	5420	-	2029				
0.80	300	5420	-	1749				
0.86	300	5420	-	1630				
0.98	300	5420	-	1425				
1.0	300	5420	-	1336				
1.2	300	5420	-	1179				
1.3	300	5420	-	1074				
1.5	300	5420	-	927				
1.6	300	5420	-	863				
1.9	300	5420	-	755				
2.0	300	5420	-	708				
2.2	300	5420	-	624				
2.5	300	5420	-	554				
3.0	300	5420	-	471				
 3  2								
0.49	300	5420	-	2856				
0.53	300	5420	-	2625				
0.62	300	5420	-	2246				
0.72	300	5420	-	1948				
0.77	300	5420	-	1821				
0.89	300	5420	-	1573				
1.2	300	5420	-	1193				
1.4	300	5420	-	1020				
1.5	300	5420	-	955				
1.7	300	5420	-	804				
2.1	300	5420	-	673				
2.4	300	5420	-	572				
2.7	300	5420	-	510				
3.2	300	5420	-	436				
3.4	300	5420	-	408				
4.1	300	5420	-	344				
 2  2								
2.6	300	5420	-	546				
2.8	300	5420	-	502				
3.3	300	5420	-	429				
3.8	300	5420	-	372				



R47R37, ne = 1400 1/min					300 Nm			
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
4.0	300	5420	-	348				
4.7	300	5420	-	301				
5.5	300	5420	-	255				
6.1	300	5420	-	228				
7.2	300	5420	-	195				
7.7	300	5420	-	182				
9.1	300	5420	-	154				
11	300	5420	-	129				
13	300	5420	-	109				
14	300	5420	-	98				

R57, ne = 1400 1/min					450 Nm				
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112 DV132S DV132M
 3									
7.5	450	7110	7	186.89					
8.1	450	7110	7	172.17					
9.5	450	7110	7	147.92					
11	450	7110	7	128.77					
12	450	7110	7	120.63					
13	450	7110	7	106.58					
14	450	7110	7	98.99					
16	450	7110	7	89.71					
17	450	7110	7	80.55					
20	450	7110	7	69.23					
22	450	6980	8	64.85					
24	450	6630	8	57.29					
26	450	6430	8	53.22					
29	450	6170	8	48.23					
32	450	5900	8	43.30					
38	450	5530	8	37.30*					
40	450	5390	8	35.07					
46	450	5050	8	30.18					
52	450	4800	8	26.97					
 2									
53	450	4750	6	26.31					
56	450	4640	6	24.99*					
64	450	4370	7	21.93					
75	450	4050	7	18.60*					
83	450	3860	7	16.79					
95	435	3690	7	14.77*					
100	430	3610	7	13.95*					
118	405	3430	7	11.88					
130	390	3330	7	10.79					
150	370	3180	7	9.35					
155	375	2010	9	9.06					
176	355	2020	9	7.97					
186	350	1950	9	7.53					
218	335	1770	9	6.41					
241	320	1820	10	5.82					
277	305	1730	10	5.05					
319	280	1900	10	4.39					

13



R57R37, ne = 1400 1/min

450 Nm

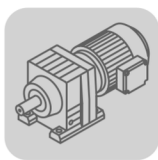
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
4.8	450	7110	-	290				
5.3	450	7110	-	262				
5.7	450	7110	-	246				
6.4	450	7110	-	220				
7.4	450	7110	-	188				
8.8	450	7110	-	159				
9.6	450	7110	-	146				
10	450	7110	-	134				

R67, ne = 1400 1/min

600 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
3										
7.0	600	7560	6	199.81						
7.6	600	7560	6	184.07						
8.9	600	7560	6	158.14						
10	600	7560	6	137.67						
11	600	7560	6	128.97						
12	600	7560	6	113.94						
13	600	7560	6	105.83						
15	600	7560	6	95.91						
16	600	7560	6	86.11						
19	600	7560	7	74.17						
20	600	7560	7	69.75						
23	600	7560	7	61.26						
25	600	7560	7	56.89						
27	600	7560	7	51.56						
30	600	7560	7	46.29						
35	580	7790	7	39.88*						
37	570	7900	7	37.50						
43	540	8210	7	32.27						
49	520	8400	7	28.83						
2										
50	540	8210	6	28.13						
52	540	8210	6	26.72						
60	560	8010	6	23.44						
70	600	7560	6	19.89						
78	590	7330	6	17.95						
89	560	7130	6	15.79						
94	550	6980	6	14.91						
110	520	6650	6	12.70						
121	500	6500	7	11.54						
140	470	6220	7	10.00						
161	440	5960	7	8.70*						
180	380	5830	8	7.79						
190	370	5790	8	7.36*						
223	330	5590	9	6.27						
246	310	5450	9	5.70						
284	290	5210	9	4.93						
326	270	5000	10	4.29						

84
15

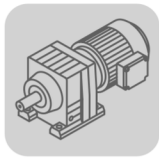


R..DR/DT/DV
R.. DR/DT/DV

R67R37, ne = 1400 1/min

600 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
3 3								
0.09	600	7560	-	15361				
0.11	600	7560	-	12931				
0.12	600	7560	-	11996				
0.14	600	7560	-	10097				
0.15	600	7560	-	9066				
0.18	600	7560	-	7816				
0.21	600	7560	-	6732				
0.23	600	7560	-	5970				
0.27	600	7560	-	5268				
0.30	600	7560	-	4680				
0.34	600	7560	-	4136				
0.39	600	7560	-	3566				
0.45	600	7560	-	3125				
0.51	600	7560	-	2745				
0.58	600	7560	-	2403				
2 3								
0.52	600	7560	-	2682				
0.57	600	7560	-	2460				
0.67	600	7560	-	2094				
0.78	600	7560	-	1805				
0.86	600	7560	-	1629				
0.95	600	7560	-	1471				
1.0	600	7560	-	1379				
1.3	600	7560	-	1109				
1.5	600	7560	-	956				
1.6	600	7560	-	891				
1.9	600	7560	-	730				
2.2	600	7560	-	644				
2.5	600	7560	-	571				
2.9	600	7560	-	486				
3 2								
0.66	600	7560	-	2136				
0.76	600	7560	-	1852				
0.85	600	7560	-	1652				
0.98	600	7560	-	1432				
1.1	600	7560	-	1259				
1.3	600	7560	-	1106				
1.7	600	7560	-	836				
1.9	600	7560	-	750				
2.2	600	7560	-	646				
2.4	600	7560	-	574				
2.8	600	7560	-	495				
3.2	600	7560	-	438				
3.6	600	7560	-	388				
4.1	600	7560	-	344				
4.8	600	7560	-	294				
5.4	600	7560	-	261				
6.0	600	7560	-	234				
7.0	600	7560	-	200				
8.0	600	7560	-	176				
8.9	600	7560	-	158				
2 2								
3.2	600	7560	-	443				
3.6	600	7560	-	384				
3.9	600	7560	-	359				



R67R37, ne = 1400 1/min

600 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100
4.5	600	7560	-	310				
5.3	600	7560	-	264				
6.0	600	7560	-	235				
7.0	600	7560	-	201				
7.7	600	7560	-	181				
8.8	600	7560	-	159				

R77, ne = 1400 1/min

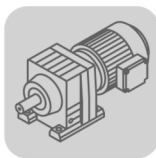
820 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
 3											
7.2	820	9920	6	195.24*							
8.4	820	9920	6	166.59							
9.6	820	9920	6	145.67							
10	820	9920	6	138.39							
12	820	9920	6	121.42							
14	820	9920	6	102.99							
15	820	9920	6	92.97							
17	820	9920	6	81.80							
18	820	9920	7	77.24							
21	820	9920	7	65.77							
24	820	9920	7	57.68							
27	820	9920	7	52.07							
31	820	9920	7	45.81							
32	820	9920	7	43.26							
38	820	9920	7	36.83							
42	820	9920	7	33.47							
48	820	9920	7	29.00							
55	780	10100	7	25.23							
 2											
60	820	8870	6	23.37							
65	820	8250	6	21.43							
74	780	7980	6	18.80							
79	780	7620	6	17.82*							
90	740	7390	6	15.60							
100	720	7050	6	14.05							
114	690	6740	6	12.33							
129	660	6490	7	10.88							
145	630	6300	7	9.64							
163	630	4110	7	8.59							
181	610	3940	8	7.74							
206	580	3850	8	6.79							
234	540	3990	8	5.99*							
264	510	3990	8	5.31*							

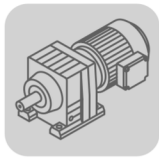
R77R37, ne = 1400 1/min

820 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100
 3  3								
0.09	820	9920	-	16370				
0.09	820	9920	-	15015				
0.10	820	9920	-	13885				
0.11	820	9920	-	12783				
0.13	820	9920	-	11021				
0.14	820	9920	-	9788				
0.16	820	9920	-	8714				
0.18	820	9920	-	7617				


R77R37, ne = 1400 1/min
820 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100
0.21	820	9920	-	6770				
0.24	820	9920	-	5838				
0.27	820	9920	-	5184				
0.31	820	9920	-	4470				
0.35	820	9920	-	3999				
0.40	820	9920	-	3488				
0.46	820	9920	-	3053				
0.52	820	9920	-	2671				
 2  3								
0.44	820	9920	-	3151				
0.48	820	9920	-	2890				
0.57	820	9920	-	2460				
0.66	820	9920	-	2121				
0.71	820	9920	-	1977				
0.81	820	9920	-	1728				
0.86	820	9920	-	1620				
0.98	820	9920	-	1430				
1.1	820	9920	-	1303				
1.2	820	9920	-	1124				
1.3	820	9920	-	1047				
1.5	820	9920	-	915				
1.6	820	9920	-	858				
1.8	820	9920	-	757				
2.1	820	9920	-	671				
2.5	820	9920	-	571				
 3  2								
0.60	820	9920	-	2345				
0.68	820	9920	-	2070				
0.77	820	9920	-	1822				
0.89	820	9920	-	1580				
1.0	820	9920	-	1394				
1.1	820	9920	-	1218				
1.3	820	9920	-	1084				
1.5	820	9920	-	940				
1.7	820	9920	-	821				
1.9	820	9920	-	731				
2.2	820	9920	-	646				
2.5	820	9920	-	560				
2.9	820	9920	-	488				
3.2	820	9920	-	436				
3.8	820	9920	-	373				
4.3	820	9920	-	327				
4.8	820	9920	-	289				
5.4	820	9920	-	260				
6.2	820	9920	-	224				
7.1	820	9920	-	197				
8.3	820	9920	-	169				
9.4	820	9920	-	149				
 2  2								
2.7	820	9920	-	520				
3.1	820	9920	-	451				
3.3	820	9920	-	422				
3.8	820	9920	-	365				
4.5	820	9920	-	310				
5.1	820	9920	-	276				
5.9	820	9920	-	236				

**R77R37, ne = 1400 1/min****820 Nm**

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100
6.3	820	9920	-	221				
7.5	820	9920	-	186				

R87, ne = 1400 1/min**1550 Nm**

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
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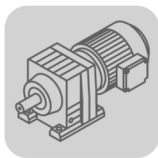
3											
5.7	1550	16900	6	246.54							
6.5	1550	16900	6	216.54							
6.8	1550	16900	6	205.71							
7.7	1550	16900	6	181.77							
9.0	1550	16900	6	155.34							
9.8	1550	16900	6	142.41							
11	1550	16900	6	124.97							
12	1550	16900	6	118.43*							
14	1550	16900	6	103.65							
15	1550	16900	6	93.38							
17	1550	16900	6	81.92							
19	1550	16900	6	72.57							
22	1550	15800	6	63.68*							
23	1550	15200	6	60.35*							
27	1550	13500	6	52.82							
29	1550	16900	7	47.58							
34	1550	16900	7	41.74							
38	1550	16800	7	36.84*							
43	1550	16000	7	32.66*							
50	1500	15100	7	27.88							

2											
41	1500	9480	5	34.40*							
45	1550	7820	5	31.40							
50	1550	15000	6	27.84*							
60	1550	13900	6	23.40							
65	1500	13600	6	21.51							
73	1440	13000	6	19.10							
82	1390	12600	6	17.08*							
91	1340	12100	6	15.35							
105	1280	11600	6	13.33							
117	1230	11200	6	11.93							
141	1180	10400	6	9.90*							
153	1210	10500	6	9.14*							
170	1160	10200	7	8.22							
196	1070	9780	7	7.13							
219	1020	9450	7	6.39							
264	910	8980	7	5.30*							

R87R57, ne = 1400 1/min**1550 Nm**

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
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3 3										
0.08	1550	16900	-	17452						
0.09	1550	16900	-	15310						
0.10	1550	16900	-	13813						
0.12	1550	16900	-	12025						
0.13	1550	16900	-	10549						
0.15	1550	16900	-	9244						
0.17	1550	16900	-	8109						


R87R57, ne = 1400 1/min
1550 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
0.20	1550	16900	-	7038						
0.23	1550	16900	-	6174						
0.26	1550	16900	-	5449						
0.29	1550	16900	-	4831						
0.33	1550	16900	-	4206						
0.37	1550	16900	-	3744						
0.43	1550	16900	-	3233						
0.49	1550	16900	-	2873						
0.56	1550	16900	-	2518						
0.63	1550	16900	-	2209						
0.71	1550	16900	-	1961						
1.4	1550	16900	-	994						
1.6	1550	16900	-	881						



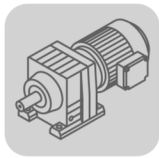
0.35	1550	16900	-	4020						
0.38	1550	16900	-	3703						
0.44	1550	16900	-	3182						
0.51	1550	16900	-	2770						
0.54	1550	16900	-	2595						
0.66	1550	16900	-	2129						
0.73	1550	16900	-	1930						
0.81	1550	16900	-	1733						
0.94	1550	16900	-	1489						
1.0	1550	16900	-	1395						
1.1	1550	16900	-	1232						
1.2	1550	16900	-	1145						
1.4	1550	16900	-	1037						
1.5	1550	16900	-	931						
1.7	1550	16900	-	802						
1.9	1550	16900	-	754						
2.2	1550	16900	-	649						
2.4	1550	16900	-	580						



0.81	1550	16900	-	1737						
0.92	1550	16900	-	1524						
1.1	1550	16900	-	1303						
1.2	1550	16900	-	1143						
1.4	1550	16900	-	1008						
1.6	1550	16900	-	885						
1.8	1550	16900	-	776						
2.0	1550	16900	-	685						
2.3	1550	16900	-	599						
2.7	1550	16900	-	525						
3.1	1550	16900	-	456						
3.5	1550	16900	-	398						
4.0	1550	16900	-	352						
4.6	1550	16900	-	305						
5.2	1550	16900	-	268						
5.9	1550	16900	-	236						
6.7	1550	16900	-	209						



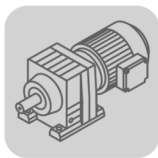
2.6	1550	16900	-	538						
3.0	1550	16900	-	472						
3.5	1550	16900	-	400						
3.9	1550	16900	-	361						
4.7	1550	16900	-	300						



R87R57, ne = 1400 1/min										1550 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
5.5	1550	16900	-	256						
6.0	1550	16900	-	232						
7.2	1550	16900	-	195						

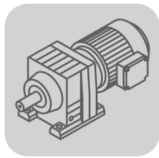
R97, ne = 1400 1/min											3000 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180 DV200
 3											
4.8	3000	19800	6	289.74							
5.5	3000	19800	6	255.71							
5.8	3000	19800	6	241.25							
6.5	3000	19800	6	216.28							
7.5	3000	19800	6	186.30							
8.2	3000	19800	6	170.02							
9.3	3000	19800	6	150.78							
11	3000	19800	6	126.75							
12	3000	19800	6	116.48							
14	3000	19800	6	103.44							
15	3000	19800	6	92.48							
17	3000	19800	6	83.15							
19	3000	18000	6	72.17							
21	3000	19800	6	65.21							
23	3000	19800	6	59.92							
26	3000	19800	6	53.21							
29	3000	19800	6	47.58							
33	3000	19800	6	42.78							
38	3000	18600	6	37.13							
42	2890	17900	6	33.25							
51	2670	16900	6	27.58							
 2											
44	2560	10600	5	32.05							
51	2560	8380	5	27.19							
56	2830	15900	5	25.03							
63	2720	15300	5	22.37							
70	2610	14800	5	20.14							
77	2500	14400	6	18.24							
87	2400	13800	6	16.17							
96	2300	13400	6	14.62							
113	2190	12700	6	12.39							
129	2090	12100	6	10.83							
151	2030	12200	6	9.29							
167	2030	11700	6	8.39							
197	2000	10900	6	7.12							
225	1890	10500	6	6.21							
269	1780	9850	6	5.20							
311	1630	9500	6	4.50*							

R97R57, ne = 1400 1/min										3000 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
 3  3										
0.06	3000	19800	-	21769						
0.07	3000	19800	-	19332						
0.08	3000	19800	-	17230						
0.09	3000	19800	-	14999						
0.11	3000	19800	-	13320						



R..DR/DT/DV
R.. DR/DT/DV

R97R57, ne = 1400 1/min										3000 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
0.13	3000	19800	-	11156						
0.14	3000	19800	-	10030						
0.16	3000	19800	-	8706						
0.18	3000	19800	-	7692						
0.21	3000	19800	-	6708						
0.24	3000	19800	-	5931						
0.27	3000	19800	-	5161						
0.31	3000	19800	-	4559						
0.35	3000	19800	-	4004						
0.40	3000	19800	-	3481						
 2  3										
0.30	3000	19800	-	4678						
0.32	3000	19800	-	4309						
0.38	3000	19800	-	3702						
0.46	3000	19800	-	3019						
0.52	3000	19800	-	2668						
0.62	3000	19800	-	2245						
0.69	3000	19800	-	2016						
0.81	3000	19800	-	1733						
0.86	3000	19800	-	1623						
0.98	3000	19800	-	1434						
1.2	3000	19800	-	1207						
1.3	3000	19800	-	1084						
1.5	3000	19800	-	934						
1.6	3000	19800	-	878						
1.9	3000	19800	-	755						
 3  2										
0.46	3000	19800	-	3065						
0.51	3000	19800	-	2722						
0.61	3000	19800	-	2311						
0.67	3000	19800	-	2078						
0.77	3000	19800	-	1823						
0.88	3000	19800	-	1583						
1.0	3000	19800	-	1396						
1.1	3000	19800	-	1228						
1.3	3000	19800	-	1069						
1.5	3000	19800	-	938						
1.7	3000	19800	-	824						
1.9	3000	19800	-	737						
2.2	3000	19800	-	632						
2.5	3000	19800	-	560						
2.9	3000	19800	-	484						
3.2	3000	19800	-	431						
3.7	3000	19800	-	379						
4.2	3000	19800	-	336						
4.7	3000	19800	-	296						
5.6	3000	19800	-	249						
6.0	3000	19800	-	234						
6.7	3000	19800	-	209						
 2  2										
2.2	3000	19800	-	625						
2.6	3000	19800	-	549						
3.0	3000	19800	-	466						
3.3	3000	19800	-	420						
3.8	3000	19800	-	370						
4.0	3000	19800	-	349						

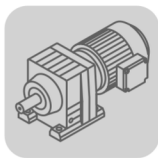


R97R57, ne = 1400 1/min										3000 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
4.7	3000	19800	-	297						
5.2	3000	19800	-	270						
6.2	3000	19800	-	227						

R107, ne = 1400 1/min										4300 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 3										
5.6	4300	29500	7	251.15						
6.1	4300	29500	7	229.95						
6.9	4300	29500	7	203.16						
8.1	4300	29500	7	172.34						
8.8	4300	29500	7	158.68						
9.9	4300	29500	7	141.83						
11	4300	29500	7	127.68						
12	4300	29500	7	115.63						
14	4300	29500	7	102.53						
15	4300	29500	7	92.70						
18	4300	29500	7	78.57						
19	4300	29500	7	72.88						
21	4300	29200	7	65.60*						
24	4300	28000	7	59.41						
27	4300	26600	7	52.68						
29	4300	25500	7	47.63						
35	4300	23800	7	40.37*						
40	4300	22400	7	35.26						
47	4300	20700	7	29.49						

 2										
45	4300	21100	7	30.77						
51	4300	20100	7	27.58						
56	4300	19200	7	24.90*						
62	4300	18300	7	22.62						
70	4300	17300	7	20.07						
77	4300	16600	7	18.21						
89	4300	15400	7	15.65						
102	4300	14400	7	13.66						
121	4300	13300	7	11.59						
138	4300	12400	7	10.13						
164	4300	11300	7	8.56						
178	2970	13800	9	7.86						
210	2970	12800	9	6.66						
241	2970	12100	9	5.82						
285	2900	11300	9	4.92						

R107R77, ne = 1400 1/min											4300 Nm
na [1/min]	Mamax [Nm]	FRa [N]	φ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
 3  3											
0.07	4300	29500	-	20018							
0.08	4300	29500	-	17080							
0.09	4300	29500	-	14936							
0.11	4300	29500	-	12829							
0.12	4300	29500	-	11256							
0.15	4300	29500	-	9547							
0.16	4300	29500	-	8618							
0.18	4300	29500	-	7583							

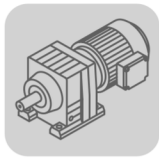


R..DR/DT/DV
R.. DR/DT/DV

R107R77, ne = 1400 1/min

4300 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
0.21	4300	29500	-	6743							
0.24	4300	29500	-	5914							
0.27	4300	29500	-	5168							
0.32	4300	29500	-	4435							
0.36	4300	29500	-	3896							
0.41	4300	29500	-	3432							
0.46	4300	29500	-	3039							
0.52	4300	29500	-	2688							
0.60	4300	29500	-	2339							
 2  3											
0.36	4300	29500	-	3918							
0.42	4300	29500	-	3343							
0.46	4300	29500	-	3034							
0.53	4300	29500	-	2653							
0.61	4300	29500	-	2280							
0.68	4300	29500	-	2067							
0.83	4300	29500	-	1693							
0.90	4300	29500	-	1550							
1.0	4300	29500	-	1407							
1.2	4300	29500	-	1209							
1.3	4300	29500	-	1055							
1.5	4300	29500	-	919							
1.7	4300	29500	-	815							
2.0	4300	29500	-	717							
2.2	4300	29500	-	626							
2.7	4300	29500	-	528							
 3  2											
0.70	4300	29500	-	1987							
0.77	4300	29500	-	1827							
0.88	4300	29500	-	1599							
1.0	4300	29500	-	1400							
1.1	4300	29500	-	1226							
1.3	4300	29500	-	1104							
1.5	4300	29500	-	939							
1.7	4300	29500	-	822							
2.3	4300	29500	-	614							
2.6	4300	29500	-	544							
2.8	4300	29500	-	492							
3.4	4300	29500	-	417							
3.8	4300	29500	-	369							
4.3	4300	29500	-	323							
4.9	4300	29500	-	285							
5.5	4300	29500	-	253							
6.5	4300	29500	-	214							
7.5	4300	29500	-	187							
 2  2											
3.0	4300	29500	-	469							
3.3	4300	29500	-	426							
3.7	4300	29500	-	377							
4.3	4300	29500	-	325							
4.9	4300	29500	-	284							
5.5	4300	29500	-	256							
6.4	4300	29500	-	220							
7.3	4300	29500	-	193							
8.1	4300	29500	-	172							



R137, ne = 1400 1/min

8000 Nm

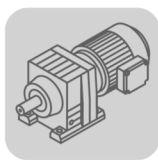
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280S D280M
 3									
6.3	8000	53400	6	222.60*					
7.4	8000	53400	6	188.45					
8.0	8000	53400	6	174.40*					
9.0	8000	53400	6	156.31					
9.9	8000	53400	6	141.12*					
11	8000	53400	6	128.18					
12	8000	53400	6	113.72					
14	8000	53400	6	103.20*					
16	8000	53400	6	88.70*					
17	8000	53400	6	80.91*					
19	8000	53400	6	73.49					
21	8000	53400	6	65.20					
24	8000	53400	6	59.17*					
28	8000	53400	6	50.86*					
32	8000	53400	6	44.39					
37	8000	53400	6	37.65					
43	8000	53400	6	32.91					
50	7680	54100	7	27.83					

 2									
47	7780	53900	6	29.57*					
58	8000	49400	6	24.12					
64	8000	47100	6	22.00*					
74	8000	43500	6	19.04*					
83	8000	40600	6	16.80*					
96	8000	37300	6	14.51					
109	8000	34700	6	12.83					
130	8000	31100	6	10.79					
161	7840	27600	6	8.71					
184	5110	39000	8	7.59					
219	5110	35900	8	6.38					
272	4600	34500	8	5.15					

R137R77, ne = 1400 1/min

8000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
 3  3											
0.06	8000	53400	-	22203							
0.07	8000	53400	-	18945							
0.08	8000	53400	-	16566							
0.09	8000	53400	-	14777							
0.11	8000	53400	-	12921							
0.12	8000	53400	-	11712							
0.13	8000	53400	-	10573							
0.16	8000	53400	-	8784							
0.19	8000	53400	-	7479							
0.21	8000	53400	-	6559							
0.24	8000	53400	-	5834							
0.27	8000	53400	-	5116							
0.31	8000	53400	-	4464							
0.36	8000	53400	-	3928							
0.41	8000	53400	-	3454							
0.47	8000	53400	-	2993							
 2  3											
0.30	8000	53400	-	4709							

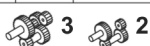


R..DR/DT/DV
R.. DR/DT/DV

R137R77, ne = 1400 1/min

8000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
0.35	8000	53400	-	4018							
0.40	8000	53400	-	3514							
0.42	8000	53400	-	3338							
0.48	8000	53400	-	2929							
0.56	8000	53400	-	2484							
0.62	8000	53400	-	2242							
0.75	8000	53400	-	1863							
0.88	8000	53400	-	1586							
1.0	8000	53400	-	1391							
1.1	8000	53400	-	1256							
1.3	8000	53400	-	1105							
1.3	8000	53400	-	1043							
1.6	8000	53400	-	888							
2.0	8000	53400	-	699							
2.3	8000	53400	-	609							



0.53	8000	53400	-	2658							
0.58	8000	53400	-	2412							
0.68	8000	53400	-	2073							
0.76	8000	53400	-	1839							
0.88	8000	53400	-	1598							
1.0	8000	53400	-	1397							
1.1	8000	53400	-	1226							
1.3	8000	53400	-	1090							
1.5	8000	53400	-	951							
1.7	8000	53400	-	831							
1.9	8000	53400	-	730							
2.2	8000	53400	-	629							
2.5	8000	53400	-	560							
2.9	8000	53400	-	490							
3.3	8000	53400	-	428							
3.7	8000	53400	-	381							
4.3	8000	53400	-	323							
4.8	8000	53400	-	291							
5.5	8000	53400	-	255							
6.3	8000	53400	-	223							
7.1	8000	53400	-	197							
8.0	8000	53400	-	175							

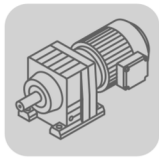


2.5	8000	53400	-	564							
2.7	8000	53400	-	517							
3.1	8000	53400	-	453							
3.7	8000	53400	-	376							
4.1	8000	53400	-	339							
4.7	8000	53400	-	297							

R147, ne = 1400 1/min

13000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280S D280M	D315S D315M
									
8.6	13000	62700	5	163.31					
9.5	13000	62700	5	146.91					
12	13000	62700	5	119.86					
13	13000	62700	5	109.31					
15	13000	62700	6	94.60*					
17	13000	62700	6	83.47					



R147, ne = 1400 1/min

13000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280S D280M	D315S D315M
19	13000	62700	6	72.09					
21	13000	62700	6	66.99					
23	13000	62700	6	61.09					
26	13000	62700	6	52.87					
30	13000	62700	6	46.65					
35	13000	62700	6	40.29					
39	13000	62700	6	35.64					
47	13000	62700	6	29.95					
58	11900	64700	6	24.19					

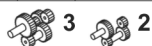


68	12000	64600	5	20.44					
78	10500	67000	5	18.04					
90	13000	62700	5	15.64					
101	12600	63400	5	13.91					
117	13000	60400	5	11.99					
144	13000	54400	6	9.74					
169	13000	49900	6	8.26					
193	8670	58400	8	7.25					
238	8670	53200	8	5.89					
280	8670	49300	8	5.00					

R147R77, ne = 1400 1/min

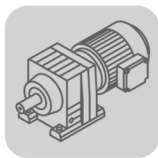
13000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
0.06	13000	62700	-	23401							
0.07	13000	62700	-	21342							
0.08	13000	62700	-	18210							
0.09	13000	62700	-	15923							
0.10	13000	62700	-	14075							
0.11	13000	62700	-	12344							
0.13	13000	62700	-	11143							
0.14	13000	62700	-	9743							
0.17	13000	62700	-	8443							
0.19	13000	62700	-	7307							
0.22	13000	62700	-	6447							
0.25	13000	62700	-	5568							
0.28	13000	62700	-	4926							
0.32	13000	62700	-	4325							
0.37	13000	62700	-	3754							
0.42	13000	62700	-	3302							
0.48	13000	62700	-	2898							



0.55	13000	62700	-	2555							
0.63	13000	62700	-	2211							
0.72	13000	62700	-	1951							
0.82	13000	62700	-	1705							
0.91	13000	62700	-	1536							
1.1	13000	62700	-	1329							
1.2	13000	62700	-	1166							
1.4	13000	62700	-	1029							
1.6	13000	62700	-	889							
1.8	13000	62700	-	784							
2.0	13000	62700	-	695							
2.3	13000	62700	-	619							
2.5	13000	62700	-	558							

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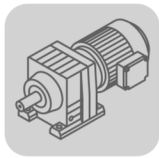


R..DR/DT/DV
R.. DR/DT/DV

R147R77, ne = 1400 1/min											13000 Nm	
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (°R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M	
2.9	13000	62700	-	489								
3.4	13000	62700	-	415								

R147R87, ne = 1400 1/min 13000 Nm										
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160L	DV180
 3  2										
2.6	13000	62700	-	533						
3.0	13000	62700	-	462						
3.3	13000	62700	-	426						
3.8	13000	62700	-	368						
4.3	13000	62700	-	326						
5.0	13000	62700	-	280						
5.7	13000	62700	-	247						
6.5	13000	62700	-	214						
7.4	13000	62700	-	189						
8.8	13000	62700	-	159						

R167, ne = 1400 1/min 18000 Nm										
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280S D280M	D315S D315M	D315M_A D315M_B
 3										
6.1	18000	120000	5	229.71						
7.5	18000	120000	5	186.93*						
9.1	18000	120000	5	153.07						
10	18000	120000	5	139.98						
11	18000	120000	5	121.81*						
13	18000	120000	5	107.49						
15	18000	120000	5	93.19						
17	18000	120000	5	82.91*						
19	18000	120000	6	73.70*						
21	18000	120000	6	67.40						
24	18000	120000	6	58.65						
27	18000	120000	6	51.76						
31	18000	120000	6	44.87						
35	18000	120000	6	39.92						
41	18000	120000	6	34.41						
50	18000	120000	6	27.96						
59	18000	116500	6	23.71						
 2										
30	7000	120000	5	46.00						
37	9000	120000	5	37.74						
46	10000	120000	5	30.71						
57	14000	120000	5	24.57						
64	13000	120000	5	21.85						
74	16000	111400	5	19.03						
82	15000	108900	5	16.98						
97	18000	93800	5	14.48						
117	17000	88700	5	11.99						
137	17000	82500	5	10.24						



R167R97, ne = 1400 1/min

18000 Nm

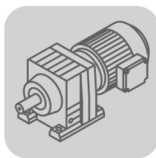
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
 3  3												
0.05	18000	120000	-	27001								
0.06	18000	120000	-	22482								
0.07	18000	120000	-	20002								
0.08	18000	120000	-	17361								
0.09	18000	120000	-	15446								
0.10	18000	120000	-	14051								
0.12	18000	120000	-	11812								
0.13	18000	120000	-	10509								
0.15	18000	120000	-	9631								
0.18	18000	120000	-	7749								
0.20	18000	120000	-	6894								
0.23	18000	120000	-	6077								
0.26	18000	120000	-	5407								
0.30	18000	120000	-	4650								
0.34	18000	120000	-	4129								
0.38	18000	120000	-	3692								
0.45	18000	120000	-	3099								

 3  2												
0.53	18000	120000	-	2657								
0.60	18000	120000	-	2333								
0.67	18000	120000	-	2085								
0.75	18000	120000	-	1877								
0.84	18000	120000	-	1670								
0.97	18000	120000	-	1438								
1.1	18000	120000	-	1279								
1.2	18000	120000	-	1123								
1.4	18000	120000	-	999								
1.6	18000	120000	-	861								
1.8	18000	120000	-	760								
2.1	18000	120000	-	656								
2.4	18000	120000	-	579								
2.8	18000	120000	-	503								
3.2	18000	120000	-	432								
3.7	18000	120000	-	376								
4.2	18000	120000	-	335								
4.6	18000	120000	-	303								
5.0	18000	120000	-	279								

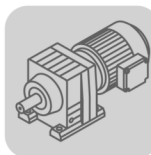
R167R107, ne = 1400 1/min

18000 Nm

na [1/min]	Mamax [Nm]	FRa [N]	ϕ (R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 2  3										
0.38	18000	120000	-	3637						
0.42	18000	120000	-	3330						
0.51	18000	120000	-	2757						
0.57	18000	120000	-	2436						
0.61	18000	120000	-	2298						
0.68	18000	120000	-	2066						
0.76	18000	120000	-	1849						
0.84	18000	120000	-	1674						
0.94	18000	120000	-	1485						
1.0	18000	120000	-	1342						
1.1	18000	120000	-	1229						
1.3	18000	120000	-	1111						



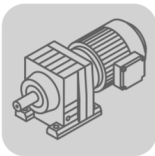
R167R107, ne = 1400 1/min										18000 Nm
na [1/min]	Mamax [Nm]	FRa [N]	ϕ (/R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
1.5	18000	120000	-	950						
1.6	18000	120000	-	860						
1.8	18000	120000	-	763						
2.0	18000	120000	-	690						
2.4	18000	120000	-	585						
2.7	18000	120000	-	511						
3 2										
4.0	18000	120000	-	349						
4.7	18000	120000	-	295						
5.2	18000	120000	-	270						
6.1	18000	120000	-	229						
7.0	18000	120000	-	200						
8.3	18000	120000	-	169						
2 2										
3.1	18000	120000	-	446						
3.5	18000	120000	-	399						
3.9	18000	120000	-	361						
4.3	18000	120000	-	328						
4.8	18000	120000	-	291						
5.3	18000	120000	-	264						
6.2	18000	120000	-	227						
7.1	18000	120000	-	198						
8.3	18000	120000	-	168						



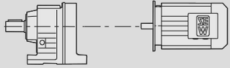
8.3 R..D.. [kW]

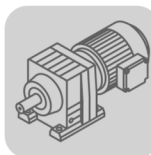
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
		52		1490					
0.09	17	47	78.24	1520	0.95				
	18	40	71.47	1570	1.05				
	22	34	60.32	1590	1.25				
	25	32	51.52	1600	1.45				
	27	29	47.78	1610	1.60				
	29	27	44.16	1610	1.70				
	31	27	41.31	1590	1.85				
	32	26	40.34	1570	1.85	R	07	DT	56M4
	34	23	38.51	1570	1.95	RF	07	DT	56M4
	38	19	34.05	1520	2.2				
	45	18	29.08	1460	2.6				
	48	15	26.97	1430	2.8				
	56	14	23.32	1370	3.3				
	60	12	21.73	1350	3.5				
	71	11	18.31	1280	4.1				
	78	9.3	16.73	1250	4.5				
	92	8.0	14.12	1190	5.4				
	108	7.4	12.06	1140	6.3				
	116	6.4	11.18	1110	6.8				
	134	6.0		1060	7.8				
	144	5.2	9.67	1040	8.3				
	166	4.9	9.01	1000	9.4				
	174	4.5	7.85	980	8.8	R	07	DT	56M4
	190	3.8	7.48	960	9.6	RF	07	DT	56M4
	226	3.3	6.83	910	11				
	264	3.0	5.76	860	11				
	285	2.6	4.92	840	12				
	329	2.4	4.57	810	13				
	353	2.1	3.95	790	14				
	405	2.1	3.68	755	15				
		13300	3.21	62000	1.00				
0.12	0.06	11400		65700	1.15				
	0.08	9930	21342	67900	1.30	R	147 R77	DR	63S4
	0.09	8780	18210	69400	1.50	RF	147 R77	DR	63S4
	0.10	7650	15923	70700	1.70				
	0.11		14075		1.95				
	0.12	6740	12344	71600	2.2				
	0.14	6040	11143	72200	2.7				
	0.16	4830	9743	73100	3.1	R	147 R77	DR	63S4
	0.19	4180	8443	73400	3.5	RF	147 R77	DR	63S4
	0.21	3690	7307	73700	4.1				
	0.25	3190	6447	73900	4.1				
	0.25	8060	5568	53300	1.00				
	0.11	7260		54900	1.10				
	0.12	6390	12921	56400	1.25				
	0.13	5030	11712	58400	1.60				
	0.16	4090	10573	59400	1.95				
	0.18	4060	8784	59400	1.95	R	137 R77	DR	63S4
	0.21	3190	7479	60200	2.5	RF	137 R77	DR	63S4
	0.24	3170	6559	60200	2.5				
	0.27	4410	5834	28800	0.95				
	0.18	3690	5116	32400	1.15				
	0.20	3660	7583	32500	1.15				
	0.23	2830	6743	35500	1.50				
	0.27	2540	5914	36100	1.70				
	0.31	2270	5168	36500	1.90	R	107 R77	DR	63S4
	0.35	1880	4435	36900	2.3	RF	107 R77	DR	63S4
	0.45	2470	3896	36200	1.75				
	0.35	2110	3039	36700	2.0				
	0.41	1910	3918	36900	2.3				
	0.45	1670	3343	37100	2.6				
	0.52	1440	3034	37300	3.0	R	107 R77	DR	63S4
	0.61	1300	2653	37400	3.3	RF	107 R77	DR	63S4
	0.67		2280		1.00				
	0.30	3050	2067	17700	1.15				
	0.34	2570	2067	23700	1.30				
	0.40	2270	4559	25200					
			4004			R	97 R57	DR	63S4
			3481			RF	97 R57	DR	63S4

84
15

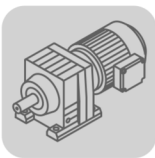


R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.12		3240		4840							
	0.29	2980	4678	20400	0.95						
	0.32	2560	4309	23700	1.00						
	0.37	2080	3702	26100	1.15						
	0.46	1810	3019	27100	1.45	R	97 R57	DR	63S4	125	246
	0.52	1480	2668	27700	1.65	RF	97 R57	DR	63S4	145	246
	0.61	1310	2245	27900	2.0						
	0.68	1200	2016	28000	2.3						
	0.80	2120	1733	25900	2.5						
	0.45	1880	3065	26800	1.40						
	0.51	1590	2722	27500	1.60						
	0.60	1430	2311	27700	1.90						
	0.66	1240	2078	28000	2.1	R	97 R57	DR	63S4	130	246
	0.76	1070	1823	28200	2.4	RF	97 R57	DR	63S4	145	246
	0.87	910	1583	28300	2.8						
	0.99	775	1396	28400	3.3						
	1.1	1770	1228	15200	3.9						
	0.48	1300	2873	18500	0.90						
	0.70	1790	1961	15000	1.20	R	87 R57	DR	63S4	86	246
	0.53	1430	2595	17700	0.85	RF	87 R57	DR	63S4	93	246
	0.65	1270	2129	18600	1.10	R	87 R57	DR	63S4	85	246
	0.72	1120	1930	19300	1.20	RF	87 R57	DR	63S4	92	246
	0.80	1150	1733	19200	1.40						
	0.79	1010	1737	19200	1.35						
	0.91	810	1524	20000	1.55						
	1.1	710	1303	20000	1.90						
	1.2	585	1143	20000	2.2	R	87 R57	DR	63S4	85	246
	1.6	515	885	20000	2.7	RF	87 R57	DR	63S4	92	246
	1.8	450	776	20000	3.0						
	2.0	360	685	20000	3.4						
	2.3	940	599	8660	4.3						
	1.1	800	1303	10100	0.85						
	1.2	740	1124	10600	1.05	R	77 R37	DR	63S4	45	246
	1.3	640	1047	11300	1.10	RF	77 R37	DR	63S4	51	246
	1.5	820	915	9910	1.30						
	1.1	740	1218	10600	1.00						
	1.3	665	1084	11200	1.10	R	77 R37	DR	63S4	46	246
	1.5	525	940	12000	1.25	RF	77 R37	DR	63S4	52	246
	1.7	480	821	12200	1.55						
	1.9	460	731	12300	1.70						
	2.1	380	646	12600	1.80						
	2.6	325	520	12700	2.2						
	3.1	300	451	12800	2.5	R	77 R37	DR	63S4	45	246
	3.3	255	422	12900	2.7	RF	77 R37	DR	63S4	51	246
	3.8	630	365	7190	3.2						
	1.6	505	891	8530	0.95						
	1.9	440	730	9060	1.20	R	67 R37	DR	63S4	40	246
	2.1	385	644	9430	1.35	RF	67 R37	DR	63S4	43	246
	2.4	320	571	9790	1.55						
	2.8	590	486	7670	1.85						
	1.7	495	836	8630	1.00						
	1.8	440	750	9050	1.20	R	67 R37	DR	63S4	41	246
	2.1	400	646	9330	1.35	RF	67 R37	DR	63S4	44	246
	2.4	345	574	9660	1.50						
	2.8	285	495	9940	1.75						
	3.1	550	438	4650	2.1						
	1.8	455	782	7070	0.80						
	2.0	415	678	7260	1.00						
	2.3	375	604	7400	1.10						
	2.6	330	537	7550	1.20	R	57 R37	DR	63S4	34	246
	2.9	245	471	7770	1.35	RF	57 R37	DR	63S4	38	246
	3.9	215	357	7830	1.85						
	4.3		319		2.1						

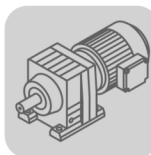


Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.12		260		7730							
	3.8	235	359	7790	1.75						
	4.3	205	324	7840	1.95						
	4.8	185	290	7880	2.2	R	57 R37	DR	63S4	33	246
	5.3	171	262	7900	2.4	RF	57 R37	DR	63S4	37	246
	5.6	150	246	7930	2.6						
	6.3	345	220	4360	3.0						
			510		0.85						
	2.7	285	436	5490	1.05						
	3.2	265	408	5590	1.10	R	47 R37	DR	63S4	28	246
	3.4	220	344	5790	1.35	RF	47 R37	DR	63S4	28	246
	4.0	365	502	3020	0.80						
	2.8	315	429	5350	0.95						
	3.2	270	372	5580	1.10						
	3.7	250	348	5670	1.20	R	47 R37	DR	63S4	28	246
	4.0	210	301	5810	1.40	RF	47 R37	DR	63S4	28	246
	4.6	177	255	5930	1.70						
	5.4	156	228	5980	1.95						
	6.0	130	195	6040	2.3						
	7.1	225	338	4570	0.90						
	4.1	210	296	4790	0.95						
	4.7	184	259	5130	1.10	R	37 R17	DR	63S4	17	246
	5.3	163	228	5360	1.25	RF	37 R17	DR	63S4	19	246
	6.0	140	199	5550	1.40						
	6.9	123	172	5680	1.65						
	8.0	240	328	3730	0.85						
	4.2	205	289	4880	1.00						
	4.8	192	265	5040	1.05	R	37 R17	DR	63S4	17	246
	5.2	156	226	5410	1.30	RF	37 R17	DR	63S4	18	246
	6.1	144	202	5530	1.40						
	6.8	125	179	5660	1.60						
	7.7	158	229	4090	0.80						
	6.0	138	200	4200	0.95	R	27 R17	DR	63S4	11	246
	6.9	121	177	4270	1.05	RF	27 R17	DR	63S4	11	246
	7.8	116	166	4290	1.10						
	8.3	157	227	4100	0.85						
	6.1	144	203	4170	0.90	R	27 R17	DR	63S4	11	246
	6.8	125	179	4260	1.05	RF	27 R17	DR	63S4	11	246
	7.7	106	156	4330	1.25						
	8.8	250		12900	3.3						
	4.6	210	195.24*	13000	3.9	R	77	DR	63M6	37	232
	5.4	186	166.59	13000	4.4	RF	77	DR	63M6	43	233
	6.2	255	145.67	10100	2.4						
	4.5	235	199.81	10100	2.6						
	4.9	200	184.07	10300	3.0						
	5.7	175	158.14	10300	3.4	R	67	DR	63M6	30	230
	6.5	164	137.67	10400	3.7	RF	67	DR	63M6	33	231
	7.0	145	128.97	10400	4.1						
	7.9	166	113.94	10300	3.6						
	6.9	153	199.81	10400	3.9	R	67	DR	63S4	30	230
	7.5	240	184.07	7780	1.90	RF	67	DR	63S4	33	231
	4.8	220	186.89	7820	2.1						
	5.2	188	172.17	7870	2.4						
	6.1	164	147.92	7910	2.7	R	57	DR	63M6	23	228
	7.0	154	128.77	7920	2.9	RF	57	DR	63M6	27	229
	7.5	136	120.63	7950	3.3						
	8.4	126	106.58	7960	3.6						
	9.1	155	98.99	7920	2.9						
	7.4	143	186.89	7940	3.2						
	8.0	123	172.17	7960	3.7	R	57	DR	63S4	23	228
	9.3	107	147.92	7980	4.2	RF	57	DR	63S4	27	229
	11		128.77								



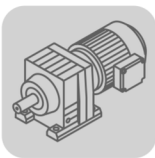
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.12		225		5760							
	5.1	210	176.88	5830	1.35						
	5.5	178	162.94	5920	1.45	R	47	DR	63M6	18	226
	6.4	155	139.99	5980	1.70	RF	47	DR	63M6	18	227
	7.4	147	121.87	6000	1.95						
	7.8	135	176.88	6030	2.0						
	8.5	116	162.94	6070	2.2						
	9.9	101	139.99	6100	2.6						
	11	95	121.87	6110	3.0	R	47	DR	63S4	18	226
	12	84	114.17	6120	3.2	RF	47	DR	63S4	18	227
	14	78	100.86	6130	3.6						
	15	172	93.68	5270	3.9						
	6.7	157	134.82	5410	1.15						
	7.3	134	123.66	5600	1.25						
	8.6	116	105.28	5730	1.50	R	37	DR	63M6	14	224
	9.9	108	90.77	5770	1.75	RF	37	DR	63M6	16	225
	11	94	84.61	5850	1.85						
	12	112	73.96	5750	2.1						
	10	103	134.82	5800	1.80						
	11	87	123.66	5880	1.95						
	13	75	105.28	5930	2.3	R	37	DR	63S4	14	224
	15	70	90.77	5950	2.7	RF	37	DR	63S4	16	225
	16	61	84.61	5980	2.8						
	19	158	73.96	4090	3.3						
	7.3	134	123.91	4210	0.80						
	8.5	116	105.49	4300	0.95						
	9.9	108	90.96	4330	1.10	R	27	DR	63M6	8.3	222
	11	94	84.78	4370	1.20	RF	27	DR	63M6	8.2	223
	12	112	74.11	4310	1.40						
	10	103	135.09	4340	1.15						
	11	88	123.91	4390	1.25						
	13	76	105.49	4430	1.50						
	15	70	90.96	4440	1.70						
	16	62	84.78	4460	1.85						
	19	58	74.11	4470	2.1	R	27	DR	63S4	8.3	222
	20	51	69.47	4400	2.3	RF	27	DR	63S4	8.2	223
	23	46	61.30	4280	2.6						
	25	40	55.87	4090	2.8						
	29	37	48.17	4000	3.3						
	31	104	44.90	300	3.5						
	11	90	81.64	1470	0.80						
	13	84	70.39	1860	0.95						
	14	73	65.61	2430	1.00						
	16	68	57.35	2500	1.15	R	17	DR	63M6	7.6	220
	17	60	53.76	2500	1.25	RF	17	DR	63M6	7.5	221
	19	68	47.44	2500	1.40						
	17	58	81.64	2500	1.25						
	20	55	70.39	2500	1.45						
	21	48	65.61	2500	1.55						
	24	45	57.35	2500	1.80						
	26	39	53.76	2500	1.90						
	29	37	47.44	2500	2.2						
	31	32	44.18	2430	2.3						
	36	30	38.61	2390	2.7	R	17	DR	63S4	7.6	220
	38	27	36.20	2310	2.8	RF	17	DR	63S4	7.5	221
	43	24	31.94	2230	3.2						
	49	20	28.32	2130	3.6						
	57		24.07		4.3						

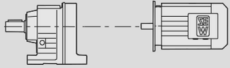


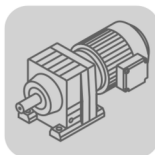
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
		53		1480					
0.12	22	45	60.32	1540	0.95				
	25	42	51.52	1550	1.10				
	27	39	47.78	1550	1.20				
	29	36	44.16	1530	1.30				
	31	36	41.31	1520	1.35				
	32	34	40.34	1510	1.40				
	34	30	38.51	1470	1.45	R	07	DT	56L4
	38	26	34.05	1410	1.65	RF	07	DT	56L4
	45	24	29.08	1390	1.95				5.9
	48	21	26.97	1340	2.1				5.9
	56	19	23.32	1310	2.4				
	60	16	21.73	1250	2.6				
	71	15	18.31	1220	3.1				
	78	12	16.73	1170	3.4				
	92	11	14.12	1120	4.0				
	108	9.9	12.06	1090	4.7				
	116	8.5	11.18	1050	5.1				
	134	7.9	9.67	1030	5.9				
	144	6.9	9.01	990	6.3				
	166	6.6	9.01	970	7.1				
	174	6.0	7.85	950	7.7	R	07	DT	56L4
	190	5.1	7.48	900	8.6	RF	07	DT	56L4
	226	4.3	6.83	860	9.0				5.7
	264	4.0	5.76	840	9.7				5.7
	285	3.5	4.92	800	10				
	329	3.2	4.57	780	11				
	353	2.8	3.95	750	8.6				
	405	5.0	3.68	4270	17				
	227	4.3	3.21	4050	22				
	267	3.8	6.07	3870	22	RX	67	DR	63S4
	305	3.6	5.18	3810	8.5	RXF	67	DR	63S4
	321	4.6	4.53	3360	8.6				16
	251	4.2	4.30*	3270	19				20
	272	3.6	5.50*	3120	22				
	317	3.1	5.07	2980	24				
	364	2.9	4.35	2910	25				
	389	2.6	3.79	2800	28				
	440	2.4	3.55*	2730	31	RX	57	DR	63S4
	474	2.2	3.14	2640	35	RXF	57	DR	63S4
	523	2.0	2.91	2550	41				14
	582	1.7	2.64*	2430	43				16
	676	1.6	2.37	2380	49				
	719	1.4	2.04	2260	0.85				
	835	15000	1.92*	50900	1.00				
0.18	0.09	13100	1.65	62500	1.10				
	0.11	11600	14075	65200	1.25	R	147 R77	DR	63M4
	0.12	10300	12344	67300	1.50	RF	147 R77	DR	63M4
	0.14	8550	11143	69700	1.75				420
	0.16	7400	9743	70900	2.0				430
	0.18	6530	8443	71800	2.3				
	0.20	5640	7307	72500	2.5				
	0.24	5150	6447	72800	2.9	R	147 R77	DR	63M4
	0.27	4420	5568	73300	3.3	RF	147 R77	DR	63M4
	0.31	3920	4926	73600	3.9				420
	0.35	3380	4325	73800	0.90				430
	0.40	8900	3754	50100	1.10				
	0.15	7390	3302	54600	1.15				
	0.18	6950	8784	55500	1.40				
	0.20	5770	7479	57400	1.50				
	0.23	5420	6559	57900	1.75	R	137 R77	DR	63M4
	0.26	4520	5834	59000	2.0	RF	137 R77	DR	63M4
	0.30	3980	5116	59500	1.60				290
	0.34	5060	4464	58300	1.85				310
	0.28	4320	3928	59200	2.1				
	0.33	3780	4709	59700	2.2				
	0.38	3590	4018	59900	2.5	R	137 R77	DR	63M4
	0.40	3150	3514	60200		RF	137 R77	DR	63M4
	0.45		3338						280
			2929						300

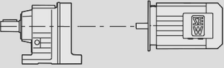
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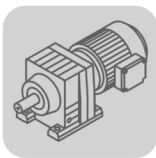
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.18		4490		28400							
	0.30	3980	4435	31100	0.95						
	0.34	3220	3896	34200	1.10	R	107 R77	DR	63M4	200	246
	0.43	4210	3039	29900	1.35	RF	107 R77	DR	63M4	210	246
	0.34	3590	3918	32800	1.00						
	0.39	3260	3343	34100	1.20						
	0.44	2850	3034	35400	1.30	R	107 R77	DR	63M4	195	246
	0.50	2450	2653	36200	1.50	RF	107 R77	DR	63M4	200	246
	0.58	2220	2280	36500	1.75						
	0.64	2100	2067	36700	1.95						
	0.66	1870	1987	36900	2.1						
	0.72	1600	1827	37200	2.3						
	0.83	1440	1599	37300	2.7	R	107 R77	DR	63M4	200	246
	0.94	1230	1400	37400	3.0	RF	107 R77	DR	63M4	205	246
	1.1	3000	1226	20000	3.5						
	0.49	2480	2668	24200	1.00						
	0.59	2210	2245	25500	1.20						
	0.65	1970	2016	26500	1.35						
	0.76	1840	1733	27000	1.50						
	0.81	1610	1623	27500	1.65						
	0.92	1330	1434	27900	1.85	R	97 R57	DR	63M4	125	246
	1.1	1190	1207	28000	2.3	RF	97 R57	DR	63M4	145	246
	1.2	1000	1084	28200	2.5						
	1.4	940	934	28300	3.0						
	1.5	790	878	28400	3.2						
	1.8	3090	755	15900	3.8						
	0.49	2620	2722	23400	0.95						
	0.57	2360	2311	24800	1.15	R	97 R57	DR	63M4	130	246
	0.64	1690	2078	15900	1.25	RF	97 R57	DR	63M4	145	246
	0.89	1580	1489	16700	0.90						
	0.95	1380	1395	18000	1.00						
	1.1	1280	1232	18600	1.10						
	1.2	1150	1145	19200	1.20	R	87 R57	DR	63M4	85	246
	1.3	1020	1037	19800	1.35	RF	87 R57	DR	63M4	92	246
	1.4	860	931	20000	1.50						
	1.7	1680	802	15900	1.80						
	0.87	1390	1524	17900	0.90						
	1.0	1220	1303	18900	1.10						
	1.2	980	1143	19900	1.25	R	87 R57	DR	63M4	85	246
	1.5	860	885	20000	1.60	RF	87 R57	DR	63M4	92	246
	1.7	980	776	5830	1.80						
	1.5	850	776	9590	0.85						
	1.7	750	858	10500	0.95						
	2.0	630	757	11400	1.10	R	77 R37	DR	63M4	45	246
	2.3	890	671	11400	1.30	RF	77 R37	DR	63M4	51	246
	2.3	890	571	9230	0.90						
	1.6	800	821	10100	1.00						
	1.8	745	731	10500	1.10						
	2.0	645	646	11300	1.25						
	2.4	550	560	11800	1.50						
	2.7	490	488	12100	1.70	R	77 R37	DR	63M4	46	246
	3.0	420	436	12400	1.95	RF	77 R37	DR	63M4	52	246
	3.5	370	373	12600	2.2						
	4.0	330	327	12700	2.5						
	4.6	640	289	7060	0.95						
	2.3	535	571	8250	1.10						
	2.7	655	486	5820	0.90	R	67 R37	DR	63M4	40	246
	2.3	565	574	7950	1.05	RF	67 R37	DR	63M4	43	246
	2.7	480	495	8740	1.25						
	3.0	425	438	9160	1.40						
	3.4	395	388	9380	1.55						
	3.8	320	344	9800	1.90	R	67 R37	DR	63M4	41	246
	4.5	290	294	9920	2.1	RF	67 R37	DR	63M4	44	246
	5.1	500	261	6650	0.90						
	2.9	455	454	7090	1.00						
	3.2		410			R	57 R37	DR	63M4	33	246
						RF	57 R37	DR	63M4	37	246

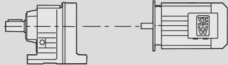


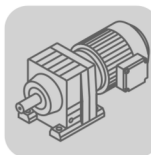
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.18		540		5250							
	2.8	405	471	7300	0.85						
	3.7	355	357	7460	1.10						
	4.1	300	319	7630	1.25	R	57 R37	DR	63M4	34	246
	4.8	260	273	7730	1.50	RF	57 R37	DR	63M4	38	246
	5.5	235	241	7790	1.75						
	6.1	420	215	7230	1.95						
			359		1.05						
	3.7	380	324	7380	1.20						
	4.1	335	290	7530	1.35						
	4.5	305	262	7620	1.50						
	5.0	280	246	7680	1.60	R	57 R37	DR	63M4	33	246
	5.4	250	220	7750	1.80	RF	57 R37	DR	63M4	37	246
	6.0	210	188	7830	2.1						
	7.0	177	159	7890	2.6						
	8.3	350	301	4150	0.85						
	4.4	290	255	5460	1.05						
	5.2	260	228	5630	1.15	R	47 R37	DR	63M4	28	246
	5.8	220	195	5790	1.40	RF	47 R37	DR	63M4	28	246
	6.8	230	199	4510	0.85						
	6.6	199	172	4960	1.00	R	37 R17	DR	63M4	17	246
	7.7	173	150	5260	1.15	RF	37 R17	DR	63M4	19	246
	8.8	235	202	4050	0.85						
	6.5	205	179	4870	0.95	R	37 R17	DR	63M4	17	246
	7.4	176	156	5230	1.15	RF	37 R17	DR	63M4	18	246
	8.5	157	141	4100	0.85						
	9.4	139	124	4190	0.95						
	11	125	110	4260	1.05	R	27 R17	DR	63M4	11	246
	12	105		4340	1.25	RF	27 R17	DR	63M4	11	246
	14	152	94	4120	0.85						
	9.8	139	135	4190	0.95						
	11	121	118	4270	1.10	R	27 R17	DR	63M4	11	246
	13	105	104	4340	1.25	RF	27 R17	DR	63M4	11	246
	15	385	90	12500	2.1						
	4.5	330	195.24*	12700	2.5	R	77	DR	63L6	38	232
	5.2	290	166.59	12800	2.9	RF	77	DR	63L6	43	233
	6.0	275	145.67	12900	3.0	R	77	DR	63L6	38	232
	6.3	240	138.39	12900	3.4	RF	77	DR	63L6	43	233
	7.2	255	121.42	12900	3.2						
	6.8	215	195.24*	13000	3.8						
	7.9	190	166.59	13000	4.3	R	77	DR	63M4	37	232
	9.1	180	145.67	13000	4.6	RF	77	DR	63M4	43	233
	9.5	395	138.39	9370	1.50						
	4.4	365	199.81	9560	1.65						
	4.7	310	184.07	9830	1.90						
	5.5	270	158.14	10000	2.2						
	6.3	255	137.67	10100	2.4						
	6.8	225	128.97	10200	2.7						
	7.6	210	113.94	10200	2.9	R	67	DR	63L6	31	230
	8.2	190	105.83	10300	3.2	RF	67	DR	63L6	34	231
	9.1	170	95.91	10300	3.5						
	10	147	86.11	10400	4.1						
	12	138	74.17	10400	4.4						
	12	260	69.75	10100	2.3						
				10100	2.5						
	6.6	240	199.81	10200	2.9						
	7.2	205	184.07	10300	3.4						
	8.3	179	158.14	10300	3.6	R	67	DR	63M4	30	230
	9.6	168	137.67	10400	4.0	RF	67	DR	63M4	33	231
	10	148	128.97	10400	4.4						
	12	138	113.94	7420	1.20						
	12	370	105.83	7510	1.30						
	4.7	340	186.89	7650	1.55						
	5.0	290	172.17	7740	1.75						
	5.9	255	147.92	7780	1.90	R	57	DR	63L6	24	228
	6.8	240	128.77			RF	57	DR	63L6	27	229
	7.2		120.63								

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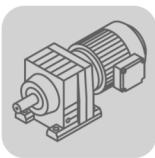
R..DR/DT/DV R..D.. [kW]

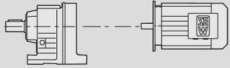
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
0.18		245		7770					
	7.1	225	186.89	7810	1.85				
	7.7	193	172.17	7870	2.0				
	8.9	168	147.92	7900	2.3				
	10	157	128.77	7920	2.7	R	57	DR	63M4
	11	139	120.63	7940	2.9	RF	57	DR	63M4
	12	129	106.58	7950	3.2			23	228
	13	117	98.99	7970	3.5			27	229
	15	230	89.71	5740	3.9				
	7.5	210	176.88	5810	1.30				
	8.1	182	162.94	5910	1.40				
	9.4	159	139.99	5980	1.65				
	11	149	121.87	6000	1.90	R	47	DR	63M4
	12	131	114.17	6040	2.0	RF	47	DR	63M4
	13	122	100.86	6060	2.3			18	226
	14	111	93.68	6080	2.5			18	227
	16	99	84.90	6100	2.7				
	17	245	76.23	3060	3.0				
	7.0	210	123.66	4840	0.80				
	8.3	179	105.28	5190	0.95	R	37	DR	63L6
	9.6	167	90.77	5310	1.10	RF	37	DR	63L6
	10	176	84.61	5230	1.20			15	224
	9.8	161	134.82	5370	1.15			16	225
	11	137	123.66	5580	1.25				
	13	118	105.28	5710	1.45	R	37	DR	63M4
	15	110	90.77	5760	1.70	RF	37	DR	63M4
	16	96	84.61	5840	1.80			14	224
	18	90	73.96	5870	2.1			16	225
	19	80	69.33	5920	2.2				
	22	73	61.18	5940	2.5				
	24	63	55.76	5960	2.8				
	27	161	48.08	4070	3.2				
	11	137	123.91	4200	0.80				
	13	118	105.49	4280	0.95				
	15	110	90.96	4320	1.10				
	16	97	84.78	4370	1.20				
	18	91	74.11	4380	1.35				
	19	80	69.47	4320	1.45				
	22	73	61.30	4210	1.65				
	24	63	55.87	4040	1.80	R	27	DR	63M4
	27	59	48.17	3960	2.1	RF	27	DR	63M4
	29	51	44.90	3810	2.2			8.3	222
	34	48	39.25	3740	2.5			8.2	223
	36	42	36.79	3610	2.7				
	41	38	32.47	3480	3.1				
	46	32	28.78	3310	3.5				
	54	37	24.47	3470	4.1				
	47	34	28.37	3380	3.8				
	51	29	26.09	3220	4.5				
	59	25	22.32	3090	5.2				
	68	24	19.35	3020	5.5				
	73	20	18.08	2890	6.4	R	27	DR	63M4
	84	17	15.63	2750	7.5	RF	27	DR	63M4
	99	106	13.28*	46	0.80			8.0	222
	16	92	81.64	1330	0.95			7.9	223
	19	85	70.39	1740	1.00				
	20	75	65.61	2350	1.15				
	23	70	57.35	2500	1.20				
	25	62	53.76	2450	1.40				
	28	58	47.44	2410	1.50				
	30	50	44.18	2340	1.70				
	34	47	38.61	2300	1.80	R	17	DR	63M4
	36	42	36.20	2240	2.0	RF	17	DR	63M4
	41	37	31.94	2170	2.3			7.6	220
	47	31	28.32	2080	2.7			7.5	221
	55		24.07						

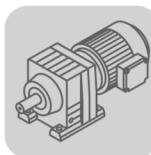


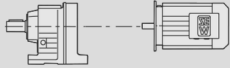
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.18		33		2110							
	52	30	25.23	2060	2.6						
	57	26	23.15	1970	2.8	R	17	DR	63M4	7.3	220
	67	22	19.71	1890	3.3	RF	17	DR	63M4	7.2	221
	78	62	16.99	1110	3.9						
	28	58	47.78	1340	0.80						
	30	54	44.16	1390	0.85						
	32	53	41.31	1390	0.95						
	33	50	40.34	1380	0.95						
	34	44	38.51	1350	1.00	R	07	DR	63M4	6.5	218
	39	38	34.05	1310	1.15	RF	07	DR	63M4	6.5	219
	45	35	29.08	1290	1.30						
	49	30	26.97	1250	1.40						
	57	28	23.32	1240	1.65						
	61	24	21.73	1190	1.75						
	72	22	18.31	1160	2.1						
	79	18	16.73	1120	2.3						
	94	16	14.12	1070	2.7						
	109	15	12.06	1050	3.2						
	118	13	11.18	1010	3.4						
	137	12	9.67	990	4.0						
	146	10	9.01	960	4.3						
	168	9.7	7.85	940	4.4	R	07	DR	63M4	6.3	218
	177	8.9	7.48	920	4.8	RF	07	DR	63M4	6.3	219
	193	7.5	6.83	880	5.3						
	229	6.4	5.76	840	5.8						
	268	5.9	4.92	820	6.1						
	289	5.1	4.57	785	6.7						
	334	4.8	3.95	765	6.9						
	359	4.2	3.68	735	7.4						
	412	7.1	3.21	860	7.0						
	243	6.1	11.18	820	8.2						
	281	5.7	9.67	810	8.8						
	302	5.0	9.01	775	9.8						
	346	4.7	7.85	765	9.2						
	364	4.3	7.48	740	10						
	398	3.6	6.83	705	11	R	07	DR	63S2	6.3	218
	472	3.1	5.76	670	12	RF	07	DR	63S2	6.3	219
	552	2.9	4.92	655	12						
	596	2.5	4.57	625	14						
	689	2.3	4.15	615	14						
	739	2.0	3.95	585	16						
	848	12	3.68	585	16						
	143	10	3.21	4940	3.6						
	168	8.9	6.07	4690	7.4						
	192	8.5	5.18	4490	9.2	RX	67	DR	63L6	17	208
	202	7.9	4.53	4410	9.4	RXF	67	DR	63L6	21	209
	218	6.7	4.30*	4310	5.4						
	255	5.9	6.07	4090	11						
	292	5.6	5.18	3920	14						
	307	4.9	4.53	3850	14						
	350	4.2	3.690	3690	18						
	413	3.8	4.30*	3500	24	RX	67	DR	63M4	16	208
	457	3.3	3.77	3380	28	RXF	67	DR	63M4	20	209
	519	3.1	3.20*	3240	36						
	550	2.7	2.89	3180	40						
	646	11	2.54	3020	50						
	158	10	2.40*	3880	3.6						
	172	8.6	2.04	3780	3.6						
	200	7.5	5.50*	3600	7.9	RX	57	DR	63L6	14	206
	230		5.07	3440	9.2	RXF	57	DR	63L6	16	207
			4.35								
			3.79								

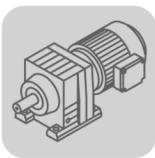
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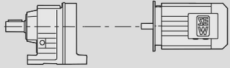
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
0.18		7.2		3400					
	240	6.6	5.50*	3310	5.4				
	261	5.7	5.07	3150	5.5				
	303	4.9	4.35	3010	12				
	348	4.6	3.79	2950	14				
	372	4.1	3.55*	2830	15				
	421	3.8	3.14	2760	16				
	453	3.4	2.91	2670	18	RX	57	DR	63M4
	500	3.1	2.64*	2580	20	RXF	57	DR	63M4
	557	2.7	2.37	2460	22				
	647	2.5	2.04	2410	26				
	688	2.2	1.92*	2290	28				
	799	15200	1.65	48200	31				
0.25					0.85				
	0.13	12800	9743	63100	1.00				
	0.15	11000	8443	66200	1.20				
	0.18	9740	7307	68100	1.35				
	0.20	8410	6447	69800	1.55				
	0.23	7600	5568	70700	1.70				
	0.26	6570	4926	71700	2.0	R	147 R77	DR	63L4
	0.30	5790	4325	72400	2.3	RF	147 R77	DR	63L4
	0.35	5020	3754	72900	2.6				
	0.39	4380	3302	73300	3.0				
	0.45	8670	2898	51100	0.90				
	0.22	7970	5834	53500	1.00				
	0.25	6740	5116	55800	1.20	R	137 R77	DR	63L4
	0.29	5930	4464	57100	1.35	RF	137 R77	DR	63L4
	0.33	7430	3928	54600	1.10				
	0.28	6340	4709	56500	1.25				
	0.32	5550	4018	57700	1.45	R	137 R77	DR	63L4
	0.37	5270	3514	58100	1.50	RF	137 R77	DR	63L4
	0.39	4620	3338	58900	1.75				
	0.44	4190	2929	59300	1.90				
	0.49	3800	2658	59700	2.1				
	0.54	3270	2412	60100	2.5				
	0.63	2810	2073	60500	2.8	R	137 R77	DR	63L4
	0.71	2180	1839	60800	3.7	RF	137 R77	DR	63L4
	0.93	1890	1397	61000	4.2				
	1.1	4730	1226	25600	0.90				
	0.43		3039			R	107 R77	DR	63L4
						RF	107 R77	DR	63L4
	0.43	4790	3034	23600	0.90	R	107 R77	DR	63L4
						RF	107 R77	DR	63L4
	0.65	3100	1987	34600	1.40				
	0.71	2790	1827	35600	1.55				
	0.81	2410	1599	36300	1.80	R	107 R77	DR	63L4
	0.93	2140	1400	36600	2.0	RF	107 R77	DR	63L4
	1.1	1840	1226	36900	2.3				
	1.4	1440	939	37300	3.0				
	1.6	1240	822	37400	3.5				
	0.75	2840	1733	22000	1.05	R	97 R57	DR	63L4
	0.80	2660	1623	23200	1.15	RF	97 R57	DR	63L4
	0.71	2960	1823	21100	1.00				
	0.82	2570	1583	23700	1.15				
	0.93	2230	1396	25400	1.35	R	97 R57	DR	63L4
	1.1	1940	1228	26600	1.55	RF	97 R57	DR	63L4
	1.2	1750	1069	27300	1.70				
	1.4	1530	938	27600	1.95				
	1.6	1300	824	27900	2.3				
	1.8	1160	737	28100	2.6				
	2.1	1000	632	28200	3.0				
	1.1	1850	1145	10700	0.85				
	1.2	1670	1037	16000	0.95	R	87 R57	DR	63L4
	1.4	1490	931	17400	1.05	RF	87 R57	DR	63L4
	1.6	1270	802	18600	1.20				

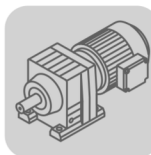


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.25		1800		14700							
	1.1	1420	1143	17800	0.85						
	1.5	1250	885	18700	1.10						
	1.7	1100	776	19400	1.25						
	1.9	930	685	20000	1.40	R	87 R57	DR	63L4	86	246
	2.2	820	599	20000	1.65	RF	87 R57	DR	63L4	93	246
	2.5	715	525	20000	1.90						
	2.9	415	456	20000	2.2						
	4.9	920	268	20000	3.7						
	2.3		571	8910	0.90						
						R	77 R37	DR	63L4	46	246
						RF	77 R37	DR	63L4	52	246
	2.3	930	560	8780	0.90						
	2.7	795	488	10100	1.05						
	3.0	705	436	10900	1.15						
	3.5	610	373	11500	1.35	R	77 R37	DR	63L4	47	246
	4.0	535	327	11900	1.55	RF	77 R37	DR	63L4	53	246
	4.5	475	289	12200	1.75						
	5.0	425	260	12400	1.95						
	5.8	355	224	12600	2.3						
	3.4	620	388	7290	0.95						
	3.8	565	344	7950	1.05						
	4.4	465	294	8870	1.30						
	5.0	425	261	9180	1.40	R	67 R37	DR	63L4	41	246
	5.5	380	234	9460	1.60	RF	67 R37	DR	63L4	45	246
	6.5	320	200	9780	1.85						
	7.4	280	176	9980	2.2						
	8.2	250	158	10100	2.4						
	3.4	645	384	6960	0.95						
	3.6	600	359	7550	1.00						
	4.2	515	310	8430	1.15	R	67 R37	DR	63L4	41	246
	4.9	435	264	9100	1.40	RF	67 R37	DR	63L4	44	246
	5.5	385	235	9420	1.55						
	6.5	325	201	9750	1.85						
	7.2	295	181	9910	2.0						
	4.1	520	319	6050	0.85						
	4.8	440	273	7160	1.05						
	5.4	380	241	7380	1.20						
	6.0	340	215	7510	1.30	R	57 R37	DR	63L4	35	246
	7.0	300	187	7630	1.50	RF	57 R37	DR	63L4	38	246
	7.9	260	164	7730	1.75						
	9.2	225	142	7800	2.0						
	4.0	545	324	4980	0.85						
	4.5	485	290	6950	0.95						
	5.0	435	262	7160	1.05	R	57 R37	DR	63L4	34	246
	5.3	405	246	7280	1.10	RF	57 R37	DR	63L4	37	246
	5.9	360	220	7450	1.25						
	5.7	375	228	2440	0.80						
	6.7	315	195	5320	0.95						
	7.1	295	182	5440	1.00	R	47 R37	DR	63L4	29	246
	8.5	245	154	5680	1.20	RF	47 R37	DR	63L4	29	246
	8.7	250	150	2540	0.80						
	10	210	130	4790	0.95						
	10	200	124	4930	1.00	R	37 R17	DR	63L4	18	246
	12	178	110	5200	1.10	RF	37 R17	DR	63L4	19	246
	14	152		5460	1.30						
	9.7	220	94	4660	0.90						
	10	215	135	4770	0.95						
	13	174	127	5250	1.15	R	37 R17	DR	63L4	18	246
	14	150	104	5470	1.35	RF	37 R17	DR	63L4	19	246
	2.4	1020	90	28200	3.0						
	2.7	900		28300	3.3						
	2.8	850	289.74	28400	3.5						
	3.1	760	255.71	28400	4.0	R	97	DT	80N8	110	236
			241.25			RF	97	DT	80N8	125	237
			216.28								



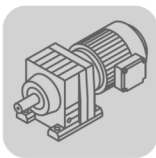
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.25		870		20000							
	2.8	760	246.54	20000	1.80						
	3.1	720	216.54	20000	2.0	R	87	DT	80N8	68	234
	3.3	640	205.71	20000	2.2	RF	87	DT	80N8	75	235
	3.7	585	181.77	20000	2.4						
	4.1	510	166.59	11600	1.40						
	4.7	485	145.67	12000	1.60	R	77	DT	80N8	42	232
	4.9	425	138.39	12100	1.70	RF	77	DT	80N8	48	233
	5.6	425	121.42	12400	1.90						
	5.6	530	195.24*	11900	1.55						
	4.5	450	166.59	12300	1.80	R	77	DT	71D6	38	232
	5.3	395	145.67	12500	2.1	RF	77	DT	71D6	44	233
	6.0	360	195.24*	12600	2.3						
	6.7	305	166.59	12800	2.7						
	7.8	270	145.67	12900	3.1	R	77	DR	63L4	38	232
	8.9	255	138.39	12900	3.2	RF	77	DR	63L4	43	233
	9.4	225	121.42	13000	3.7						
	11	555	158.14	8060	1.10						
	4.3	485	137.67	8730	1.25						
	4.9	455	128.97	8970	1.35	R	67	DT	80N8	35	230
	5.3	400	113.94	9340	1.50	RF	67	DT	80N8	38	231
	6.0	540	199.81	8190	1.10						
	4.4	500	184.07	8590	1.20						
	4.8	430	158.14	9140	1.40						
	5.6	375	137.67	9500	1.60	R	67	DT	71D6	32	230
	6.4	350	128.97	9630	1.70	RF	67	DT	71D6	35	231
	6.8	310	113.94	9840	1.95						
	7.7	285	105.83	9940	2.1						
	8.3	365	199.81	9540	1.65						
	6.5	340	184.07	9700	1.80						
	7.1	290	158.14	9930	2.1						
	8.2	255	137.67	10100	2.4						
	9.4	235	128.97	10100	2.5	R	67	DR	63L4	31	230
	10	210	113.94	10200	2.9	RF	67	DR	63L4	34	231
	11	194	105.83	10300	3.1						
	12	176	95.91	10300	3.4						
	14	158	86.11	10400	3.8						
	15	505	186.89	6450	0.90						
	4.7	465	172.17	7030	0.95						
	5.1	400	147.92	7300	1.10						
	6.0	350	128.77	7480	1.30	R	57	DT	71D6	25	228
	6.8	325	120.63	7550	1.35	RF	57	DT	71D6	29	229
	7.3	290	106.58	7660	1.55						
	8.3	270	98.99	7710	1.70						
	8.9	345	186.89	7500	1.30						
	7.0	315	172.17	7590	1.40						
	7.5	270	147.92	7700	1.65						
	8.8	235	128.77	7780	1.90						
	10	220	120.63	7810	2.0						
	11	196	106.58	7860	2.3						
	12	182	98.99	7880	2.5	R	57	DR	63L4	24	228
	13	165	89.71	7910	2.7	RF	57	DR	63L4	27	229
	14	148	80.55	7930	3.0						
	16	127	69.23	7960	3.5						
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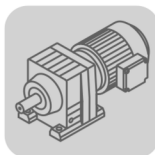
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]							
0.25		325		5280													
	7.4	300	176.88	5420	0.90	R RF	47 47	DR DR	63L4 63L4	19 19	226 227						
	8.0	255	162.94	5630	1.00												
	9.3	225	139.99	5770	1.15												
	11	210	121.87	5820	1.35												
	11	185	114.17	5900	1.45												
	13	172	100.86	5940	1.60												
	14	156	93.68	5980	1.75												
	15	140	84.90	6020	1.90												
	17	126	76.23	6050	2.1												
	19	118	68.54	6070	2.4												
	20	104	64.21	6090	2.5												
	23	97	56.73	6100	2.9												
	25	88	52.69	6080	3.1												
	27	250	47.75	2630	3.4												
					0.80												
	9.6	225	134.82	4560	0.90	R RF	37 37	DR DR	63L4 63L4	15 16	224 225						
	11	193	123.66	5030	1.05												
	12	167	105.28	5320	1.20												
	14	155	90.77	5420	1.30												
	15	136	84.61	5590	1.45												
	18	127	73.96	5650	1.55												
	19	112	69.33	5750	1.80												
	21	102	61.18	5800	1.95												
	23	88	55.76	5870	2.3												
	27	82	48.08	5760	2.4												
	29	72	44.81	5540	2.8												
	33	67	39.17	5430	3.0												
	35	60	36.72	5230	3.4												
	40	156	32.40	4100	0.85												
	15	136	84.78	4210	0.95							R RF	27 27	DR DR	63L4 63L4	9.0 8.9	222 223
	18	128	74.11	4250	1.00												
	19	113	69.47	4190	1.15												
	21	103	61.30	4090	1.25												
	23	89	55.87	3940	1.45												
	27	83	48.17	3870	1.60												
	29	72	44.90	3730	1.80												
	33	68	39.25	3670	1.90												
	35	60	36.79	3540	2.2												
	40	53	32.47	3420	2.5												
	45	45	28.78	3270	2.9												
	53	52	24.47	3410	2.5												
	46	48	28.37	3330	2.7												
	50	41	26.09	3180	3.2	R RF	27 27	DR DR	63L4 63L4	8.7 8.6	222 223						
	58	36	22.32	3050	3.7												
	67	33	19.35	2990	3.9												
	72	29	18.08	2860	4.5												
	83	24	15.63	2730	5.3												
	98	22	13.28*	2630	5.9												
	110	19	11.86	2510	6.6												
	128	17	10.13	2440	7.1												
	138	15		2330	7.7												
	159	14	9.41	2290	8.0												
	170	12	8.16	2180	8.8												
	197	10	7.63*	2080	9.6												
	232	9.2	6.59	2000	10												
	260	7.8	5.60*	1910	11												
	304	7.3	5.00*	1870	12												
	325	6.2	4.27	1770	13												
	386	105	4.00*	156	0.80	R RF	17 17	DR DR	63L4 63L4	8.3 8.2	220 221						
	23	99	3.37	785	0.85												
	24	87	57.35	1630	1.00												
	27	81	53.76	2000	1.05												
	29	71	47.44	2200	1.20												
	34	67	44.18	2180	1.30												
	36	59	38.61	2130	1.45												
	41	52	36.20	2070	1.65												
	46	44	31.94	2000	1.90												
	54		28.32														
		24.07															

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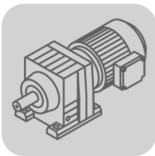
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
0.25		46		2020					
	52	43	25.23	1980	1.85				
	56	36	23.15	1910	2.0				
	66	31	19.71	1840	2.4				
	77	29	16.99	1810	2.7	R	17	DR	63L4
	82	25	15.84	1750	2.9	RF	17	DR	63L4
	94	24	13.84	1720	3.4			8.0	220
	100	21	12.98	1660	3.6			7.9	221
	114	63	11.45	1090	3.9				
	38	53	34.05	1200	0.80				
	45	50	29.08	1190	0.95				
	48	43	26.97	1170	1.00	R	07	DR	63L4
	56	40	23.32	1160	1.15	RF	07	DR	63L4
	60	34	21.73	1120	1.25			7.2	218
	71	31	18.31	1100	1.50			7.2	219
	78	26	16.73	1070	1.65				
	92	22	14.12	1070	1.95				
	108	21	12.06	1030	2.3				
	116	18	11.18	1010	2.4				
	134	17	9.67	980	2.8				
	144	14	9.01	960	3.0				
	166	14	9.01	930	3.4				
	174	13	7.85	920	3.1	R	07	DR	63L4
	190	11	7.48	900	3.4	RF	07	DR	63L4
	226	9.0	6.83	860	3.8			7.0	218
	264	8.4	5.76	820	4.1			7.0	219
	285	7.3	4.92	800	4.3				
	329	6.8	4.57	770	4.7				
	353	5.9	3.95	755	4.9				
	405	10	3.68	725	5.3				
	238	8.7	3.21	840	5.0				
	275	8.1	11.18	795	5.8				
	295	7.0	9.67	765	6.2				
	339	6.7	9.01	755	7.0				
	356	6.1	7.85	735	6.4				
	389	5.2	7.48	700	7.1				
	461	4.4	6.83	665	7.7	R	07	DR	63M2
	540	4.1	5.76	650	8.4	RF	07	DR	63M2
	583	3.5	4.92	625	8.8			6.3	218
	674	3.3	4.57	610	9.7			6.3	219
	723	2.9	3.95	585	10				
	829	17	3.68	4890	11				
	145	14	3.21	4650	2.6				
	170	12	6.07	4450	5.4				
	194	12	5.18	4380	6.7	RX	67	DT	71D6
	205	11	4.53	4310	6.8	RXF	67	DT	71D6
	214	9.5	4.30*	4100	3.9			19	208
	251	8.3	6.07	3920	7.9			23	209
	287	7.9	5.18	3860	9.9				
	302	6.9	4.53	3700	10				
	345	5.9	4.30*	3500	13				
	406	5.3	3.77	3390	17	RX	67	DR	63L4
	450	4.7	3.20*	3250	20	RXF	67	DR	63L4
	511	4.4	2.89	3190	25			17	208
	542	3.8	2.54	3020	28			21	209
	636	15	2.40*	3840	35				
	160	14	2.04	3740	2.6				
	174	12	5.50*	3560	2.6				
	202	10	5.07	3410	5.8	RX	57	DT	71D6
	232		4.35		6.7	RXF	57	DT	71D6
			3.79					16	206
								18	207



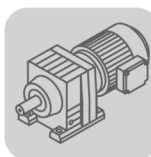
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
		10		3390					
0.25	236	9.3	5.50*	3300	3.9				
	257	8.0	5.07	3150	3.9				
	299	7.0	4.35	3010	8.5				
	343	6.5	3.79	2950	9.9				
	366	5.8	3.55*	2830	11				
	414	5.3	3.14	2760	11				
	446	4.8	2.91	2680	13	RX	57	DR	63L4
	492	4.4	2.64*	2580	14	RXF	57	DR	63L4
	548	3.7	2.37	2460	16				
	637	3.5	2.04	2410	19				
	677	3.0	1.92*	2300	20				
	787	15900	1.65	37500	23				
0.37	0.19	14100	7307	60400	0.90				
	0.21	12100	6447	64300	1.05				
	0.25	10900	5568	66400	1.20				
	0.28	9480	4926	68500	1.35	R	147 R77	DT	71D4
	0.32	8310	4325	70000	1.55	RF	147 R77	DT	71D4
	0.37	7240	3754	71100	1.80				
	0.42	6320	3302	71900	2.1				
	0.48	9740	2898	39400	0.80				
	0.31	8570	4464	51500	0.95	R	137 R77	DT	71D4
	0.35	9080	3928	49200	0.90	RF	137 R77	DT	71D4
	0.34	7940	4018	53500	1.00				
	0.39	7540	3514	54300	1.05				
	0.41	6620	3338	56000	1.20	R	137 R77	DT	71D4
	0.47	5600	2929	57600	1.45	RF	137 R77	DT	71D4
	0.56	5030	2484	58400	1.60				
	0.62	6000	2242	57000	1.35				
	0.52	5440	2658	57800	1.45				
	0.57	4680	2412	58800	1.70				
	0.67	4060	2073	59400	1.95				
	0.75	3130	1839	60200	2.6	R	137 R77	DT	71D4
	0.99	2720	1397	60500	2.9	RF	137 R77	DT	71D4
	1.1	2440	1226	60700	3.3				
	1.3	2130	1090	60900	3.8				
	1.4	4660	951	27300	0.90				
	0.67	3790	2067	31900	1.15				
	0.82	3420	1693	33500	1.25				
	0.89	3110	1550	34600	1.40	R	107 R77	DT	71D4
	0.98	2670	1407	35900	1.60	RF	107 R77	DT	71D4
	1.1	2330	1209	36400	1.85				
	1.3	4450	1055	28600	0.95				
	0.69	4030	1987	30800	1.05				
	0.76	3490	1827	33200	1.25				
	0.86	3090	1599	34600	1.40	R	107 R77	DT	71D4
	0.99	2670	1400	35900	1.60	RF	107 R77	DT	71D4
	1.1	2070	1226	36700	2.1				
	1.5	1790	939	37000	2.4				
	1.7	2760	822	22500	1.10				
	1.1	2470	1207	24300	1.20	R	97 R57	DT	71D4
	1.3	3180	1084	10800	0.95	RF	97 R57	DT	71D4
	0.99	2780	1396	22500	1.10				
	1.1	2480	1228	24200	1.20				
	1.3	2160	1069	25700	1.40				
	1.5	1860	938	26900	1.60				
	1.7	1670	824	27400	1.80	R	97 R57	DT	71D4
	1.9	1430	737	27700	2.1	RF	97 R57	DT	71D4
	2.2	980	632	28200	3.1				
	3.2	860	431	28300	3.5				
	3.6	765	379	28400	3.9				
	4.1	1810	336	13800	0.85				
	1.7	1700	802	15800	0.90				
	1.8	1450	754	17600	1.05	R	87 R57	DT	71D4
	2.1		649			RF	87 R57	DT	71D4

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15

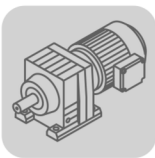


R..DR/DT/DV R..D.. [kW]

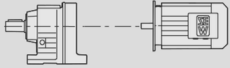
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.37		1780		15100							
	1.8	1570	776	16800	0.85						
	2.0	1340	685	18300	1.00						
	2.3	1170	599	19100	1.15						
	2.6	1030	525	19700	1.30	R	87 R57	DT	71D4	87	246
	3.0	595	456	20000	1.50	RF	87 R57	DT	71D4	95	246
	5.2	525	268	20000	2.6						
	5.9	1260	236	20000	2.9						
	2.6	1100	538	18700	1.25						
	2.9	930	472	19400	1.40						
	3.5	830	400	20000	1.65	R	87 R57	DT	71D4	86	246
	3.8	860	361	20000	1.85	RF	87 R57	DT	71D4	93	246
	3.7	755	373	9520	0.95						
	4.2	670	327	10500	1.10						
	4.8	600	289	11100	1.20						
	5.3	510	260	11600	1.35						
	6.2	445	224	12000	1.60	R	77 R37	DT	71D4	48	246
	7.0	390	197	12300	1.85	RF	77 R37	DT	71D4	53	246
	8.2	340	169	12500	2.1						
	9.3	665	149	12700	2.4						
	4.7	600	294	4670	0.90						
	5.3	540	261	7550	1.00						
	5.9	460	234	8220	1.10	R	67 R37	DT	71D4	42	246
	6.9	1330	200	8930	1.30	RF	67 R37	DT	71D4	45	246
	2.7	1250		27900	2.3						
	2.8	1120	255.71	28000	2.4						
	3.1	970	241.25	28100	2.7	R	97	DT	90S8	115	236
	3.6	1140	216.28	28300	3.1	RF	97	DT	90S8	130	237
	3.1	1000	186.30	28100	2.6						
	3.5	950	289.74	28200	3.0						
	3.7	850	255.71	28300	3.2	R	97	DT	80K6	105	236
	4.2	1130	241.25	28400	3.5	RF	97	DT	80K6	125	237
	3.1	1070	216.28	19300	1.40						
	3.3	940	216.54	19600	1.45	R	87	DT	90S8	73	234
	3.7	970	205.71	20000	1.65	RF	87	DT	90S8	80	235
	3.6	850	181.77	20000	1.60						
	4.2	810	246.54	20000	1.80						
	4.4	715	216.54	20000	1.90						
	5.0	610	205.71	20000	2.2	R	87	DT	80K6	66	234
	5.8	560	181.77	20000	2.5	RF	87	DT	80K6	73	235
	6.3	755	155.34	20000	2.8						
	4.7	720	142.41	10500	1.10						
	4.9	630	145.67	10800	1.15	R	77	DT	90S8	47	232
	5.6	655	138.39	11400	1.30	RF	77	DT	90S8	53	233
	5.4	570	121.42	11200	1.25						
	6.2	545	166.59	11700	1.45						
	6.5	500	145.67	11900	1.50	R	77	DT	80K6	40	232
	7.1	425	138.39	12100	1.65	RF	77	DT	80K6	46	233
	8.3	375	121.42	12400	1.90						
	9.5	355	102.99	12600	2.2						
	10	310	92.97	12800	2.3						
	11	265	7300	12900	2.6	R	77	DT	71D4	38	232
	13	240	8210	12900	3.1	RF	77	DT	71D4	44	233
	15	620	8530	12900	3.5						
	5.7	540	158.14	7300	0.95						
	6.5	505	137.67	8210	1.10						
	7.0	445	128.97	8530	1.20	R	67	DT	80K6	34	230
	7.9		113.94	9010	1.35	RF	67	DT	80K6	37	231

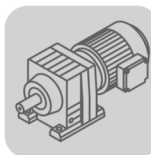


Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
0.37		510		8480					
	6.9	470	199.81	8820	1.15				
	7.5	405	184.07	9310	1.25				
	8.7	355	158.14	9620	1.50				
	10	330	137.67	9740	1.70				
	11	290	128.97	9920	1.80				
	12	270	113.94	10000	2.1				
	13	245	105.83	10100	2.2	R	67	DT	71D4
	14	220	95.91	10200	2.4	RF	67	DT	71D4
	16	190	86.11	10300	2.7				
	19	179	74.17	10300	3.2				
	20	157	69.75	10400	3.4				
	23	146	61.26	10400	3.8				
	24	505	56.89	6510	4.1				
					0.90				
	7.0	475	128.77	7000	0.95				
	7.5	420	120.63	7240	1.10	R	57	DT	80K6
	8.4	390	106.58	7350	1.15	RF	57	DT	80K6
	9.1	480	98.99	6980	0.95				
				7140					
	7.4	440	186.89	7390	1.00				
	8.0	380	172.17	7550	1.20				
	9.3	330	147.92	7610	1.35				
	11	310	128.77	7700	1.45				
	11	275	120.63	7750	1.65				
	13	255	106.58	7800	1.80				
	14	230	98.99	7840	1.95	R	57	DT	71D4
	15	205	89.71	7890	2.2	RF	57	DT	71D4
	17	177	80.55	7910	2.5				
	20	166	69.23	7760	2.7				
	21	147	64.85	7600	3.1				
	24	136	57.29	7380	3.3				
	26	124	53.22	3490	3.6				
	29	360	48.23	5350	0.85				
	9.9	310							
	11	290	139.99	5460	0.95				
	12	260	121.87	5630	1.05				
	14	240	114.17	5700	1.15				
	15	215	100.86	5790	1.25				
	16	195	93.68	5870	1.40				
	18	176	84.90	5930	1.55				
	20	164	76.23	5960	1.70				
	21	145	68.54	6010	1.80	R	47	DT	71D4
	24	135	64.21	5990	2.1	RF	47	DT	71D4
	26	122	56.73	5820	2.2				
	29	110	52.69	5650	2.5				
	32	95	47.75	5410	2.7				
	37	89	42.87	5310	3.2				
	40	87	36.93	5270	3.4				
	41	80	34.73	5150	2.8				
				4920	2.8				
	44	69	33.79	4720	4.4				
	52	60	31.12	4620	5.0	R	47	DT	71D4
	59	56	26.74	4250	5.4	RF	47	DT	71D4
	63	230	23.28	4250	0.85				
	15	215	21.81	4720	0.90				
	16	189	90.77	5070	1.05				
	19	178	84.61	5210	1.15	R	37	DT	71D4
	20	157	73.96	5410	1.30	RF	37	DT	71D4
	23	143	69.33	5530	1.40				
	25	123	61.18	5590	1.60				
	29	115	55.76	5480	1.75				
	31	100	48.08	5290	2.0				
	35	94	44.81	5190	2.1				
	38	83	39.17	5010	2.4	R	37	DT	71D4
	43	74	36.72	4850	2.7	RF	37	DT	71D4
	48	63	32.40	4620	3.2				
	57		28.73						
			24.42						



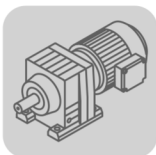
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.37		73		4830							
	49	67	28.32	4710	2.8						
	53	57	26.03	4500	2.8	R	37	DT	71D4	16	224
	62	49	22.27	4320	3.5	RF	37	DT	71D4	17	225
	71	46	19.31	4230	4.1						
	76	40	18.05	4050	4.3						
	88	34	15.60	3850	5.0						
	104	30	13.25	3720	5.6	R	37	DT	71D4	16	224
	117	157	11.83	3870	6.0	RF	37	DT	71D4	17	225
	23	143	61.30	3800	0.85						
	25	123	55.87	3680	0.90						
	29	115	48.17	3620	1.05						
	31	101	44.90	3510	1.15						
	35	94	39.25	3460	1.30	R	27	DT	71D4	9.9	222
	38	83	36.79	3350	1.40	RF	27	DT	71D4	9.8	223
	43	74	32.47	3250	1.55						
	48	63	28.78	3110	1.75						
	56	73	24.47	3240	2.1						
	49	67	28.37	3170	1.80						
	53	57	26.09	3040	1.95						
	62	50	22.32	2920	2.3						
	71	46	19.35	2860	2.6	R	27	DT	71D4	9.6	222
	76	40	18.08	2750	2.8	RF	27	DT	71D4	9.6	223
	88	34	15.63	2620	3.3						
	104	99	13.28*	770	3.8						
	36	93	38.61	1260	0.85						
	38	82	36.20	1910	0.90						
	43	73	31.94	1880	1.05	R	17	DT	71D4	9.2	220
	49	62	28.32	1830	1.15	RF	17	DT	71D4	9.1	221
	57	65	24.07	1840	1.40						
	55	59	25.23	1820	1.30						
	60	51	23.15	1760	1.45						
	70	44	19.71	1710	1.70						
	81	41	16.99	1680	1.95						
	87	35	15.84	1630	2.1						
	100	33	13.84	1610	2.4						
	106	29	12.98	1560	2.6						
	121	26	11.45	1520	2.8						
	136	22	10.15	1460	3.0						
	160	19		1370	3.3	R	17	DT	71D4	8.9	220
	183	18	8.63	1350	2.9	RF	17	DT	71D4	8.8	221
	196	16	7.55	1300	3.1						
	224	15	7.04	1280	3.4						
	239	13	6.15	1240	3.6						
	271	12	5.76	1200	3.9						
	306	9.8	5.09	1150	4.2						
	360	47	4.51	1000	4.6						
	75	43	3.83	990	1.05						
	83	36		960	1.15						
	98	31	18.31	940	1.40						
	114	29	16.73	930	1.60						
	123	25	14.12	900	1.75						
	143	23	12.06	890	2.0						
	153	20	11.18	870	2.2						
	176	19	9.67	860	2.4						
	185	18	9.01	840	2.3						
	202	15	7.85	810	2.5	R	07	DT	71D4	7.9	218
	239	13	7.48	780	2.7	RF	07	DT	71D4	7.9	219
	280	12	6.83	765	2.9						
	302	10	5.76	735	3.1						
	350	9.4	4.92	720	3.4						
	375	8.2	4.57	695	3.5						
	430		3.95		3.8						
			3.68								
			3.21								

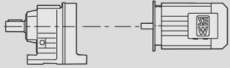


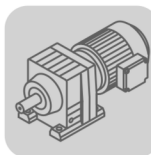
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.37		13		780							
	274	12	9.67	765	3.9						
	294	11	9.01	740	4.2						
	337	10	7.85	730	4.7						
	354	9.1	7.48	715	4.3						
	388	7.7	6.83	680	5.2	R	07	DR	63L2	7.0	218
	460	6.6	4.92	650	5.6	RF	07	DR	63L2	7.0	219
	538	6.1	4.57	640	5.9						
	580	5.3	3.95	610	6.4						
	671	4.9	3.68	600	6.7						
	720	4.3	3.21	575	7.2						
	826	20	5.18	4570	3.7						
	174	18	4.53	4380	4.6						
	199	17		4310	4.7	RX	67	DT	80K6	21	208
	209	15	4.30*	4130	5.9	RXF	67	DT	80K6	25	209
	239	16	3.77	4200	2.8						
	227	13	6.07	3990	5.6						
	267	12	5.18	3820	7.1						
	305	11	4.53	3760	7.3						
	321	9.7	4.30*	3610	9.0						
	366	8.2	3.77	3420	12	RX	67	DT	71D4	19	208
	431	7.4	3.20*	3310	14	RXF	67	DT	71D4	23	209
	478	6.5	2.89	3170	18						
	543	6.1	2.54	3110	20						
	575	5.2	2.40*	2950	26						
	675	17	2.04	3500	4.0						
	207	15		3350	4.6						
	238	14	4.35	3280	5.0	RX	57	DT	80K6	18	206
	254	14	3.79	3300	2.8	RXF	57	DT	80K6	20	207
	251	13	5.50*	3210	2.8						
	272	11	5.07	3060	6.1						
	317	9.7	4.35	2930	7.1						
	364	9.1	3.79	2870	7.6						
	389	8.0	3.55*	2760	8.1						
	440	7.5	3.14	2690	8.9						
	474	6.8	2.91	2610	10	RX	57	DT	71D4	16	206
	523	6.1	2.64*	2520	11	RXF	57	DT	71D4	18	207
	582	5.2	2.37	2400	13						
	676	4.9	2.04	2350	14						
	719	4.2	1.92*	2240	16						
	835	19800	1.65	120000	0.90						
	0.22	17600		120000	1.00						
	0.55	0.25	15000	6077	120000	1.20					
0.29		13100	5407	120000	1.35	R	167 R97	DT	80K4	750	246
0.33		16900	4650	22000	0.75	RF	167 R97	DT	80K4	760	246
0.28		14700	4129	53900	0.90						
0.31		12900	4926	62900	1.00						
0.36		11200	4325	65900	1.15						
0.41		9830	3754	68000	1.30	R	147 R77	DT	80K4	425	246
0.47		8890	3302	69300	1.45	RF	147 R77	DT	80K4	430	246
0.53		7700	2898	70600	1.70						
0.62		6790	2555	71500	1.90						
0.70		5810	2211	72400	2.2						
0.80		5210	1951	72800	2.5						
0.89		4510	1705	73300	2.9	R	147 R77	DT	80K4	420	246
1.0		3920	1536	73600	3.3	RF	147 R77	DT	80K4	430	246
1.2		8650	1329	51200	0.90						
0.55			1166								
			2484			R	137 R77	DT	80K4	280	246
						RF	137 R77	DT	80K4	305	246

84
15

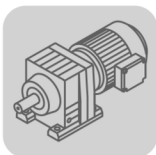


R..DR/DT/DV R..D.. [kW]

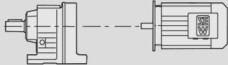
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.55		9250		48400							
	0.51	8400	2658	52300	0.85						
	0.56	7220	2412	55000	0.95						
	0.66	6320	2073	56500	1.10						
	0.74	5420	1839	57900	1.25						
	0.85	4840	1598	58600	1.50	R	137 R77	DT	80K4	290	246
	0.97	4220	1397	59300	1.65	RF	137 R77	DT	80K4	315	246
		1226	1226	59300	1.90						
	1.1	3780	1090	59700	2.1						
	1.2	3300		60100	2.4						
	1.4	2820	951	60500	2.8						
	1.6	4830	831	21900	0.90						
	0.97	4150	1407	30200	1.05						
	1.1	3620	1209	32700	1.20						
	1.3	3170	1055	34400	1.35	R	107 R77	DT	80K4	200	246
	1.5	2830	919	35500	1.50	RF	107 R77	DT	80K4	205	246
	1.7	2470	815	36200	1.75						
	1.9	2160	717	36600	2.0						
	2.2	4810	626	22800	0.90						
	0.97	4180	1400	30100	1.05						
	1.1	3740	1226	32200	1.15						
	1.2	3220	1104	34200	1.35	R	107 R77	DT	80K4	205	246
	1.4	2800	939	35600	1.55	RF	107 R77	DT	80K4	210	246
	1.7	2870	822	21800	1.05						
	1.7	2570	824	23700	1.15						
	1.8	2200	737	25500	1.35						
	2.1	1920	632	26700	1.55						
	2.4	1670	560	27400	1.80						
	2.8	1510	484	27600	2.0	R	97 R57	DT	80K4	130	246
	3.1	1320	431	27900	2.3	RF	97 R57	DT	80K4	150	246
	3.6	1180	379	28000	2.6						
	4.0	1030	336	28200	2.9						
	4.6	860	296	28300	3.5						
	5.5	1820	249	13600	0.85						
	2.6	1580	525	16700	1.00						
	3.0	1370	456	18100	1.15						
	3.4	1210	398	18900	1.30	R	87 R57	DT	80K4	89	246
	3.9	1040	352	19700	1.50	RF	87 R57	DT	80K4	97	246
	4.5	1690	305	15900	0.90						
	2.9	1420	472	17800	1.10						
	3.4	1280	400	18600	1.20	R	87 R57	DT	80K4	88	246
	3.8	990	361	4510	0.85	RF	87 R57	DT	80K4	95	246
	4.9	840	276	9730	1.00						
	5.8	785	236	10200	1.05						
	6.2	660	221	11200	1.25	R	77 R37	DT	80K4	49	246
	7.3	1980	186	26500	1.50	RF	77 R37	DT	80K4	54	246
	2.7	1860		26900	1.60						
	2.8	1670	255.71	27400	1.80	R	97	DT	90L8	115	236
	3.1	1690	241.25	27400	1.75	RF	97	DT	90L8	130	237
	3.1	1490	216.28	27700	2.0						
	3.5	1410	289.74	27800	2.1						
	3.7	1260	255.71	28000	2.4	R	97	DT	80N6	110	236
	4.2	1120	241.25	28100	2.7	RF	97	DT	80N6	125	237
	4.7	990	216.28	28200	3.0						
	5.3	930	289.74	28300	3.2						
	5.6	840	255.71	28400	3.6						
	6.3	1440	241.25	17700	1.10	R	97	DT	80K4	105	236
	3.6	1260	216.28	18700	1.25	RF	97	DT	80K4	125	237
	4.2	1200	246.54	19000	1.30						
	4.4	1060	216.54	19600	1.45						
	5.0	910	205.71	20000	1.70	R	87	DT	80N6	68	234
	5.8		181.77			RF	87	DT	80N6	75	235
			155.34								

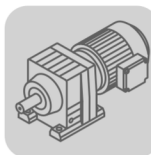


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
0.55		950		20000					
	5.5	840	246.54	20000	1.65				
	6.3	795	216.54	20000	1.85				
	6.6	700	205.71	20000	1.95				
	7.5	600	181.77	20000	2.2				
	8.8	550	155.34	20000	2.6	R	87	DT	80K4
	9.6	485	142.41	20000	2.8	RF	87	DT	80K4
	11	455	124.97	20000	3.2			66	234
	11	400	118.43*	20000	3.4			73	235
	13	645	103.65	20000	3.9				
				11300	1.25				
	8.2	565	166.59	11800	1.45				
	9.3	535	145.67	11900	1.55				
	9.8	470	138.39	12200	1.75				
	11	400	121.42	12500	2.1				
	13	360	102.99	12600	2.3	R	77	DT	80K4
	15	315	92.97	12800	2.6	RF	77	DT	80K4
	17	300	81.80	12800	2.8			40	232
	18	255	77.24	12900	3.2			46	233
	21	610	65.77	7430	1.00				
	8.6	530	158.14	8290	1.15				
	9.9	500	137.67	8600	1.20				
	11	440	128.97	9060	1.35				
	12	410	113.94	9280	1.45				
	13	370	105.83	9520	1.60				
	14	335	97.30	9730	1.80	R	67	DT	80K4
	16	285	95.91	9940	2.1	RF	67	DT	80K4
	18	270	86.11	10000	2.2			34	230
	20	235	74.17	10100	2.5			37	231
	22	220	69.75	10200	2.7				
	24	465	61.26	7030	0.95				
	11	410	56.89	7260	1.10				
	13	380	120.63	7370	1.20				
	14	345	106.58	7490	1.30				
	15	310	98.99	7600	1.45				
	17	265	89.71	7710	1.70				
	20	250	80.55	7750	1.80				
	21	220	69.23	7530	2.0				
	24	205	64.85	7390	2.2	R	57	DT	80K4
	26	186	57.29	7190	2.4	RF	57	DT	80K4
	28	167	53.22	6980	2.7			27	228
	31	144	48.23	6700	3.1			31	229
	36	136	43.30	6580	3.3				
	39	102	37.30*	6060	4.4				
	52	97	35.07	5970	4.7				
	54	85	26.31	5740	5.3				
	62	72	24.99*	5460	6.3				
	73	360	21.93	3280	0.85	R	57	DT	80K4
	15	330	18.60*	5230	0.90	RF	57	DT	80K4
	16	295	93.68	5450	1.00				
	18	265	84.90	5600	1.15				
	20	250	76.23	5670	1.20				
	21	220	68.54	5790	1.35				
	24	205	64.21	5770	1.45				
	26	184	56.73	5630	1.65				
	28	166	52.69	5470	1.80	R	47	DT	80K4
	32	143	47.75	5260	2.1	RF	47	DT	80K4
	37	134	42.87	5180	2.2			22	226
	39	115	36.93	4970	2.6			22	227
	46	103	34.73	4820	2.9				
	51	90	29.88	4630	3.3				
	58	84	26.74	4550	3.6				
	62		23.28						
			21.81			R	47	DT	80K4
						RF	47	DT	80K4



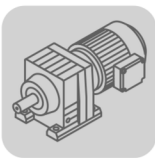
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
0.55		235		3910					
	22	215	61.18	4740	0.85				
	24	186	55.76	5120	0.95				
	28	173	48.08	5230	1.10				
	30	151	44.81	5070	1.15				
	35	142	39.17	4990	1.30	R	37	DT	80K4
	37	125	36.72	4840	1.40	RF	37	DT	80K4
	42	111	32.40	4700	1.60				
	47	94	28.73	4500	1.80				
	56	86	24.42	4390	2.1				
			22.27	4220	2.3				
	61	75	19.31	4140	2.7				
	70	70	18.05	3970	2.9				
	75	60	15.60	3790	3.3	R	37	DT	80K4
	87	51	13.25	3670	3.7	RF	37	DT	80K4
	103	46	11.83	3280	4.0				
	115	152	39.25	3240	0.85				
	35	142	36.79	3160	0.90				
	37	125	32.47	3080	1.05				
	42	111	28.78	2970	1.15	R	27	DT	80K4
	47	95	24.47	2910	1.40	RF	27	DT	80K4
	56	86	22.32	2810	1.50				
	61	75	19.35	2760	1.75				
	70	70	18.08	2660	1.85				
	75	60	15.63	2550	2.2				
	87	51	13.28*	2470	2.5				
	102	46	11.86	2370	2.8				
	115	39	10.13	2290	3.1				
	134	36		2200	3.4				
	145	32		2160	3.7				
	167	29	9.41	2070	3.8	R	27	DT	80K4
	178	26	8.16	1980	4.2	RF	27	DT	80K4
	206	22	7.63*	1910	4.6				
	243	19	6.59	1830	4.9				
	272	17	5.60*	1790	5.3				
	318	15	5.00*	1700	5.5				
	340	13	4.27	235	6.1				
	404	105	4.00*	1280	0.80				
	50	92	3.37	1610	0.90				
	57	86		1590	1.00				
	61	75	53.76	1590	1.15	R	17	DT	71D2
	70	76	44.18	1560	1.10	RF	17	DT	71D2
	69	66	38.61	1550	1.30				
	80	61	19.71	1510	1.40				
	86	54	16.99	1500	1.60				
	98	50	15.84	1460	1.70				
	105	44	13.84	1430	1.85				
	119	39	12.98	1380	1.95				
	134	33	11.45	1290	2.2				
	158	29	10.15	1270	1.90				
	180	27	8.63	1240	2.0	R	17	DT	80K4
	193	24	7.55	1220	2.3	RF	17	DT	80K4
	221	22	7.04	1190	2.4				
	236	20	6.15	1150	2.6				
	267	17	5.76	1110	2.8				
	302	15	5.09	1100	3.0				
	355	17	4.51	1080	3.8				
	313	15	3.83	1050	4.0				
	358	14	8.63		4.5				
	384	12	7.55			R	17	DT	71D2
	439		7.04			RF	17	DT	71D2
			6.15						

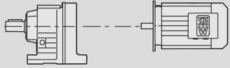


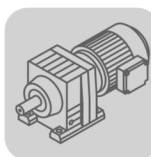
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
0.55		36		810					
	147	33	18.31	800	1.40				
	161	28	16.73	780	1.55				
	191	24	14.12	760	1.80				
	224	22	12.06	750	2.1				
	241	19	11.18	730	2.3				
	279	18	9.67	720	2.7				
	300	15	9.01	700	2.9				
	344	15	7.85	695	3.2				
	361	13	7.48	680	3.0	R	07	DT	71D2
	395	11	6.83	650	3.2	RF	07	DT	71D2
	468	9.6	5.76	625	3.6			7.9	218
	548	8.9	4.92	615	3.9			7.9	219
	591	7.7	4.57	590	4.0				
	684	7.2	3.95	580	4.4				
	734	6.2	3.68	555	4.6				
	842	30	3.21	4510	5.0				
			5.18		2.5				
	174	26	4.53	4320	3.1				
	199	25		4260	3.2	RX	67	DT	80N6
	209	22	4.30*	4090	4.0	RXF	67	DT	80N6
	239	20	3.77	3970	3.8			22	208
					4.7			26	209
	263	18	5.18	3800	4.7				
	300	17	4.53	3740	4.8				
	316	15	4.30*	3590	6.0				
	360	12	3.77	3410	8.1				
	425	11	3.20*	3300	9.5				
	471	9.8	2.89	3170	12	RX	67	DT	80K4
	535	9.3	2.54	3110	13	RXF	67	DT	80K4
	567	7.9	2.40*	2950	17			21	208
	666	7.2	2.04	2860	18			25	209
	732	6.2	1.86	2730	18				
	845	25	1.61	3440	2.7				
					3.1				
	207	22	4.35	3300	3.3				
	238	21	3.79	3230	3.6				
	254	18	3.55*	3110	3.9	RX	57	DT	80N6
	287	17	3.14	3040	4.1	RXF	57	DT	80N6
	309	17	2.91	3040	4.7			19	206
	312	15		2910	5.0			21	207
	359	14	4.35	2850	5.4				
	383	12	3.79	2740	6.0				
	434	11	3.55*	2680	6.8				
	467	10	3.14	2600	7.5				
	515	9.2	2.91	2510	8.7				
	574	7.9	2.64*	2390	9.3	RX	57	DT	80K4
	666	7.4	2.37	2350	11	RXF	57	DT	80K4
	708	6.4	2.04	2230	12			18	206
	823	5.7	1.92*	2150	13			20	207
	921	5.0	1.65	2070	0.85				
	1045	20700	1.48	120000	1.00				
	0.30	18200	1.30	120000					
0.75	0.33	12100	4650	120000	1.50	R	167 R97	DT	80N4
	0.52	10500	4129	120000	1.70	RF	167 R97	DT	80N4
	0.59	9300	2657	120000	1.95			750	246
	0.66	6550	2333	120000	2.8			760	246
	0.96	15300	2085	46300	0.85	R	167 R97	DT	80N4
	0.42	13400	1438	61800	0.95	RF	167 R97	DT	80N4
	0.48	12100	3302	64400	1.10		147 R77	DT	80N4
	0.54	10500	2898	67100	1.25		147 R77	DT	80N4
	0.62	9230	2555	68800	1.40			425	246
	0.71	7940	2211	70400	1.65			435	246
	0.81	7130	1951	71200	1.80				
	0.90	6170	1705	72100	2.1	R	147 R77	DT	80N4
	1.0	5380	1536	72700	2.4	RF	147 R77	DT	80N4
	1.2		1329					425	246
			1166					435	246

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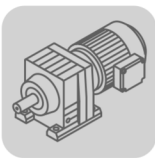
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.75		8730		50900							
	0.74	7390	1863	54600	0.90						
	0.87	6580	1586	56100	1.10	R	137 R77	DT	80N4	285	246
	0.99	5920	1391	57100	1.20	RF	137 R77	DT	80N4	305	246
	1.1	9810	1256	57100	1.35						
	0.67	8610	2073	37900	0.80						
	0.75	7410	1839	51400	0.95						
	0.86	6590	1598	54600	1.10						
	0.99	5750	1397	56100	1.20						
	1.1	5140	1226	57400	1.40	R	137 R77	DT	80N4	295	246
	1.3	5140	1090	58200	1.55	RF	137 R77	DT	80N4	315	246
	1.4	4490		59000	1.80						
	1.7	3860	951	59600	2.1						
	1.9	3360	831	60100	2.4						
	1.3	4940	730	16400	0.85						
	1.5	4310	1055	29400	1.00	R	107 R77	DT	80N4	200	246
	1.7	3840	919	31700	1.10	RF	107 R77	DT	80N4	205	246
	1.7	4400	815	28900	1.00						
	1.5	3830	939	31800	1.10						
	1.7	1710	822	37100	2.5	R	107 R77	DT	80N4	205	246
	3.7	1490	369	37200	2.9	RF	107 R77	DT	80N4	210	246
	4.3	2990	323	20100	1.00						
	2.2	2620	632	23400	1.15						
	2.5	2270	560	25200	1.30						
	2.9	2050	484	26200	1.45						
	3.2	1800	431	27100	1.65	R	97 R57	DT	80N4	135	246
	3.6	1600	379	27500	1.90	RF	97 R57	DT	80N4	150	246
	4.1	1400	336	27800	2.1						
	4.7	1170	296	28100	2.6						
	5.5	1870	249	9720	0.85						
	3.5	1650	398	16200	0.95						
	3.9	1430	352	17700	1.10						
	4.5	1260	305	18700	1.25	R	87 R57	DT	80N4	90	246
	5.2	1110	268	19400	1.40	RF	87 R57	DT	80N4	98	246
	5.9	1740	236	15500	0.90						
	3.8	1440	361	17700	1.10						
	4.6	1220	300	18900	1.25	R	87 R57	DT	80N4	89	246
	5.4	2610	256	36000	1.65	RF	87 R57	DT	80N4	96	246
	2.8	2390		36300	1.80						
	3.0	2110	251.15	36700	2.0	R	107	DV	100M8	180	238
	3.4	2240	229.95	25300	1.35	RF	107	DV	100M8	185	239
	3.2	1930	203.16	26600	1.55						
	3.7	1760	216.28	27200	1.70	R	97	DV	100M8	125	236
	4.1	2030	186.30	26200	1.45	RF	97	DV	100M8	140	237
	3.5	1920	170.02	26700	1.55						
	3.7	1720	255.71	27300	1.75	R	97	DT	90S6	115	236
	4.2	1500	241.25	27600	2.0	RF	97	DT	90S6	130	237
	4.8	1330	216.28	27600	2.0						
	5.4	1250	289.74	27900	2.3						
	5.7	1120	255.71	28000	2.4						
	6.4	970	255.71	28100	2.7						
	7.4	880	241.25	28300	3.1	R	97	DT	80N4	110	236
	8.1	1720	216.28	28300	3.4	RF	97	DT	80N4	125	237
	4.2	1640	186.30	15600	0.90						
	4.4	1450	170.02	16300	0.95						
	5.0	1240	216.54	17600	1.05						
	5.8	1130	205.71	18800	1.25	R	87	DT	90S6	73	234
	6.3		181.77	19300	1.35	RF	87	DT	90S6	80	235
			155.34								
			142.41			R	87	DT	90S6	73	234
						RF	87	DT	90S6	80	235



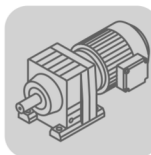
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]						
		1280		18600												
0.75	5.6	1120	246.54	19300	1.20	R RF	87 87	DT DT	80N4 80N4	68 75	234 235					
	6.4	1070	216.54	19600	1.40											
	6.7	940	205.71	20000	1.45											
	7.6	810	181.77	20000	1.65											
	8.9	740	155.34	20000	1.90											
	9.7	650	142.41	20000	2.1											
	11	615	124.97	20000	2.4											
	12	540	118.43*	20000	2.5											
	13	485	103.65	20000	2.9											
	15	860	93.38	20000	3.2											
	8.3	755	166.59	10500	0.95	R RF	77 77	DT DT	80N4 80N4	42 48	232 233					
	9.5	720	145.67	10800	1.10											
	10	630	138.39	11400	1.15											
	11	535	121.42	11900	1.30											
	13	485	102.99	12200	1.55											
	15	425	92.97	12400	1.70											
	17	400	81.80	12500	1.95											
	18	340	77.24	12700	2.1											
	21	300	65.77	12800	2.4											
	24	270	57.68	12900	2.7											
	27	240	52.07	12900	3.0											
	30	225	45.81	12900	3.5											
	32	670	43.26	13000	3.7											
	11	590	128.97	7660	0.90	R RF	77 77	DT DT	80N4 80N4	42 48	232 233					
	12	550	113.94	8120	1.00											
	13	500	105.83	8600	1.10											
	14	445	95.91	9010	1.20											
	16	385	86.11	9430	1.35											
	19	360	74.17	9570	1.55											
	20	320	69.75	9800	1.65											
	23	295	61.26	9910	1.90											
	24	270	56.89	10000	2.0											
	27	240	51.56	10100	2.2											
	30	555	46.29	4610	2.5	R RF	67 67	DT DT	80N4 80N4	35 38	230 231					
	13	515	106.58	6200	0.80											
	14	465	98.99	7040	0.90											
	15	420	89.71	7240	1.10											
	17	360	80.55	7450	1.25											
	20	335	69.23	7430	1.35											
	21	295	64.85	7220	1.50											
	24	275	57.29	7090	1.65											
	26	250	53.22	6930	1.80											
	29	225	48.23	6740	2.0							R RF	57 57	DT DT	80N4 80N4	28 32
	32	194	43.30	6490	2.3											
	37	182	37.30*	6380	2.5											
	39	157	35.07	6130	2.9											
	46	140	30.18	5940	3.2											
	51	137	26.97	5900	3.3											
	52	130	26.31	5820	3.5											
	55	114	24.99*	5610	4.0											
63	97	21.93	5350	4.7												
74	355	18.60*	3660	0.85	R RF	57 57	DT DT	80N4 80N4	28 31	228 229						
20	335	68.54	4950	0.90												
21	295	64.21	5450	1.00												
24	275	56.73	5480	1.10												
26	250	52.69	5370	1.20												
29	225	47.75	5240	1.35												
32	192	42.87	5060	1.55												
37	180	36.93	4980	1.65												
40	155	34.73	4800	1.95												
46	139	29.88	4660	2.2							R RF	47 47	DT DT	80N4 80N4	23 23	226 227
52	122	26.70	4510	2.5												
58	139	23.59	4660	2.2												
52	121	26.74	4490	2.5												
59	113	23.28	4420	2.7												
63	100	21.81	4270	3.0												
72	93	19.27	4180	3.1												
77	84	17.89	4070	3.3												
85		16.22			R RF	47 47	DT DT	80N4 80N4	23 23	226 227						

84
15

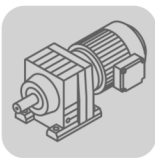


R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
0.75		250		2330							
	29	235	48.08	4230	0.80	R RF	37 37	DT DT	80N4 80N4	19	224
	31	205	44.81	4720	0.85					20	225
	35	191	39.17	4740	1.00						
	38	168	36.72	4610	1.05	R RF	37 37	DT DT	80N4 80N4	19 20	224 225
	43	149	32.40	4490	1.20						
	48	127	28.73	4320	1.35						
	57	116	24.42	4230	1.60						
	62	100	22.27	4080	1.75						
	71	94	19.31	4010	2.0	R RF	37 37	DT DT	80N4 80N4	19 20	224 225
	76	81	18.05	3850	2.1						
	88	69	15.60	3690	2.5						
	104	61	13.25	3570	2.8						
	117	53	11.83	3420	3.0						
	137	49	10.11	3360	3.2						
	146	149	9.47	2880	3.4						
	48	127	28.78	2800	0.85	R RF	27 27	DT DT	80N4 80N4	13	222
	56	116	24.47	2750	1.00					13	223
	62	100	22.32	2670	1.10	R RF	27 27	DT DT	80N4 80N4	13 13	222 223
	71	94	19.35	2630	1.30						
	76	81	18.08	2550	1.40						
	88	69	15.63	2450	1.60						
	104	62	15.63	2380	1.90						
	116	53	13.28*	2290	2.1						
	136	49	11.86	2210	2.3						
	147	42	10.13	2130	2.5						
	169	40	9.41	2090	2.7						
	181	34	8.16	2010	2.8						
	209	29	7.63*	1930	3.1						
	246	26	6.59	1870	3.4						
	276	26	5.60*	1870	3.7						
	70	102	5.00*	465	3.7						
	81	88	19.71	1390	0.85	R RF	17 17	DT DT	80N4 80N4	12 12	220 221
	87	82	16.99	1380	0.95						
	100	72	15.84	1370	1.05						
	106	67	15.84	1360	1.20						
	121	59	13.84	1350	1.25						
	136	53	12.98	1320	1.35						
	160	45	11.45	1290	1.45						
	183	39	10.15	1200	1.60						
	196	37	8.63	1180	1.45						
	224	32	7.55	1160	1.50						
	239	30	7.04	1150	1.70						
	271	26	6.15	1120	1.75						
	306	23	5.76	1090	1.95						
	360	20	5.09	1060	2.1						
	236	30	4.51	1200	2.3						
	266	27	3.83	1170	2.7						
	313	23	11.45	1130	2.9	R RF	17 17	DT DT	80K2 80K2	1 1 1 1	220 221
	358	20	10.15	1060	3.1						
	384	19	8.63	1040	2.8						
	439	16	7.55	1010	2.9						
	468	15	7.04	990	3.3						
	531	14	6.15	960	3.5						
	599	12	5.76	930	3.8						
	704	10	5.09	890	4.0						
	199	36	4.51	4260	4.4						
	209	34	3.83	4200	2.3						
	239	30	4.53	4040	2.3	RX RXF	67 67	DT DT	90S6 90S6	27 31	208 209
	281	26	4.30*	3840	2.9						
			3.77		3.9						
			3.20*								

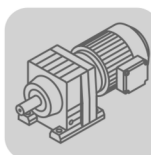


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
0.75		27		3900							
	267	24	5.18	3750	2.8						
	305	22	4.53	3690	3.5						
	321	20	4.30*	3540	3.6						
	366	17	3.77	3360	4.4						
	431	15	3.20*	3260	6.0						
	478	13	2.89	3130	7.1	RX	67	DT	80N4	22	208
	543	13	2.54	3070	8.9	RXF	67	DT	80N4	26	209
	575	11	2.40*	2920	9.8						
	675	9.6	2.04	2830	13						
	743	8.3	1.86	2700	13						
	858	30	1.61	3240	14						
					2.3						
	238	28	3.79	3180	2.4						
	254	25	3.55*	3060	2.6						
	287	23	3.14	3000	2.9	RX	57	DT	90S6	24	206
	309	21	2.91	2910	3.3	RXF	57	DT	90S6	26	207
	341	23	2.64*	2980	3.0						
	317	20	4.35	2860	3.5						
	364	18	3.79	2800	3.8						
	389	16	3.55*	2700	4.0						
	440	15	3.14	2630	4.4						
	474	14	2.91	2560	5.0						
	523	12	2.64*	2470	5.6						
	582	11	2.37	2360	6.5	RX	57	DT	80N4	19	206
	676	10	2.04	2310	6.9	RXF	57	DT	80N4	21	207
	719	8.6	2.04	2210	8.0						
	835	7.7	1.92*	2130	8.8						
	935	6.8	1.65	2050	9.3						
	1060	17900	1.48	120000	1.00						
	0.53	15600	1.30	120000	1.15						
1.1			2657	120000	1.30						
	0.60	13800	2333	120000	1.45						
	0.67	12300	2085	120000	1.65						
	0.75	11000	1877	120000	1.85						
	0.84	9680	1670	120000	2.1	R	167 R97	DT	90S4	760	246
	0.97	8620	1438	120000	2.4	RF	167 R97	DT	90S4	760	246
	1.1	7510	1279	120000							
	1.2	15300	1123	46800	0.85						
	0.63	13500	2211	61700	0.95						
					1.10						
	0.72	11700	1951	65200	1.25						
	0.82	10500	1705	67100	1.45						
	0.91	9060	1536	69000	1.65						
	1.1	7920	1329	70400	1.85						
	1.2	6960	1166	71400	2.2	R	147 R77	DT	90S4	430	246
	1.4	6030	1029	72200	2.5	RF	147 R77	DT	90S4	440	246
	1.6	5300		72700	2.8						
	1.8	4680	889	73200							
	2.0	9610	784	41900	0.85						
	1.0	8660	695	51200	0.90						
					1.05						
	1.1	7590	1391	54200	1.10						
	1.3	7160	1256	55100	1.30	R	137 R77	DT	90S4	290	246
	1.3	6070	1105	56900	0.85	RF	137 R77	DT	90S4	310	246
	1.6	9630	1043	41500	0.95						
	1.0	8420	888	52200	1.05						
	1.1	7510	1397	54400	1.20						
	1.3	6560	1226	56100	1.40						
	1.5	5670	1090	57500	1.60						
	1.7	4950	951	58500	1.90						
	1.9	4230	831	59300	2.1	R	137 R77	DT	90S4	300	246
2.2	3830	730	59700	2.4	RF	137 R77	DT	90S4	320	246	
2.5	3300	629	60100								
2.9	4930	560	17300	0.85							
1.9		490									
		717									
					R	107 R77	DT	90S4	205	246	
					RF	107 R77	DT	90S4	210	246	

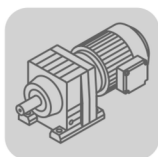


R..DR/DT/DV R..D.. [kW]

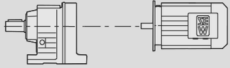
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
1.1		4150		30200							
	2.3	3670	614	32500	1.05						
	2.6	3310	544	33900	1.15						
	2.8	2810	492	35500	1.30						
	3.4	2510	417	36200	1.55	R	107 R77	DT	90S4	210	246
	3.8	2200	369	36600	1.70	RF	107 R77	DT	90S4	215	246
	4.3	1930	323	36800	1.95						
	4.9	1700	285	37100	2.2						
	5.5	2990	253	37100	2.5						
	3.2	2620	431	20300	1.00						
	3.7	2330	379	23400	1.15						
	4.2	2050	336	24900	1.30						
	4.7	1710	296	26200	1.45	R	97 R57	DT	90S4	140	246
	5.6	1590	249	27300	1.75	RF	97 R57	DT	90S4	155	246
	6.0	1430	234	27500	1.90						
	6.7	1840	209	27700	2.1						
	5.2	1630	268	11700	0.85						
	5.9	1430	236	16400	0.95	R	87 R57	DT	90S4	95	246
	6.7	1780	209	17700	1.10	RF	87 R57	DT	90S4	105	246
	5.5	1610	256	15100	0.85						
	6.0	1370	232	16500	0.95	R	87 R57	DT	90S4	94	246
	7.2	3940	195	18100	1.15	RF	87 R57	DT	90S4	100	246
	2.7	3610		31300	1.10						
	2.9	3190	251.15	32700	1.20						
	3.3	2700	229.95	34300	1.35	R	107	DV	100L8	185	238
	3.9	2920	203.16	35800	1.60	RF	107	DV	100L8	190	239
	3.6	2750	172.34	21500	1.05						
	3.8	2470	255.71	22600	1.10						
	4.2	2130	241.25	24200	1.20	R	97	DT	90L6	115	236
	4.9	1920	216.28	25900	1.40	RF	97	DT	90L6	130	237
	5.5	1810	186.30	26700	1.55						
	5.8	1620	255.71	27100	1.65						
	6.5	1400	241.25	27500	1.85						
	7.5	1280	216.28	27800	2.2						
	8.2	1130	186.30	27900	2.4	R	97	DT	90S4	115	236
	9.3	950	170.02	28100	2.7	RF	97	DT	90S4	130	237
	11	870	150.78	28300	3.2						
	12	1620	126.75	28300	3.4						
	6.5	1540	116.48	16400	0.95						
	6.8	1360	216.54	17000	1.00						
	7.7	1170	205.71	18100	1.15	R	87	DT	90S4	73	234
	9.0	1070	181.77	19100	1.35	RF	87	DT	90S4	80	235
	9.8	940	155.34	19600	1.45						
	11	890	142.41	20000	1.65						
	12	780	124.97	20000	1.75						
	14	700		20000	2.0						
	15	615	118.43*	20000	2.2						
	17	545	103.65	20000	2.5	R	87	DT	90S4	73	234
	19	480	93.38	20000	2.9	RF	87	DT	90S4	80	235
	22	455	81.92	20000	3.2						
	23	395	72.57	20000	3.4						
	27	910	63.68*	20000	3.9						
	12	775	60.35*	8990	0.90						
	14	700	52.82	10300	1.05						
	15	615	121.42	10900	1.20	R	77	DT	90S4	47	232
	17	580	102.99	11500	1.35	RF	77	DT	90S4	53	233
	18	495	92.97	11700	1.40						
	21	435	81.80	12100	1.65						
	24	390	77.24	12400	1.90						
	27	345	65.77	12500	2.1						
	31	325	57.68	12700	2.4						
	32	275	52.07	12700	2.5	R	77	DT	90S4	47	232
	38	250	45.81	12900	3.0	RF	77	DT	90S4	53	233
	42		43.26	12900	3.3						
			36.83								
			33.47								

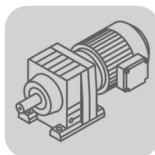


Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
		645		6820							
1.1	16	555	86.11	8040	0.95						
	19	525	74.17	8370	1.10						
	20	460	69.75	8920	1.15						
	23	425	61.26	9160	1.30						
	25	385	56.89	9420	1.40						
	27	345	51.56	9650	1.55	R	67	DT	90S4	40	230
	30	300	46.29	9890	1.75	RF	67	DT	90S4	43	231
	35	280	39.88*	9970	1.95						
	37	240	37.50	10100	2.0						
	43	215	32.27	10200	2.2						
	49	210	28.83	10200	2.4						
	50	200	28.13	10200	2.6						
	52	176	26.72	10100	2.7						
	60	149	23.44	9730	3.2	R	67	DT	90S4	39	230
	70	120	19.89	9270	4.0	RF	67	DT	90S4	42	231
	20	485	69.23	5990	0.85						
	22	430	64.85	6850	0.90	R	57	DT	90S4	34	228
	24	400	57.29	6700	1.05	RF	57	DT	90S4	37	229
	26	360	53.22	6610	1.15						
	29	325	48.23	6490	1.25						
	32	280	43.30	6350	1.40						
	38	265	37.30*	6140	1.60	R	57	DT	90S4	34	228
	40	225	35.07	6060	1.70	RF	57	DT	90S4	37	229
	46	200	30.18	5850	2.0						
	52	197	26.97	5690	2.2						
	53	188	26.31	5650	2.3						
	56	165	24.99*	5580	2.4						
	64	140	21.93	5400	2.7						
	75	126	18.60*	5170	3.2	R	57	DT	90S4	33	228
	83	360	16.79	5030	3.6	RF	57	DT	90S4	36	229
	29	320	47.75	4850	0.85						
	33	275	42.87	4720	0.95						
	38	260	36.93	4660	1.10						
	40	225	34.73	4520	1.15						
	47	200	29.88	4410	1.35	R	47	DT	90S4	28	226
	52	177	26.70	4290	1.50	RF	47	DT	90S4	28	227
	59	175	23.59	4270	1.70						
	60	164	23.28	4210	1.85						
	64	145	21.81	4080	2.0						
	73	134	19.27	4010	2.2						
	78	122	17.89	3910	2.3						
	86	109	16.22	3800	2.4						
	96	94	14.56	3650	2.7	R	47	DT	90S4	28	226
	112	89	12.54	3590	2.8	RF	47	DT	90S4	28	227
	119	76	11.79	3450	3.0						
	138	68	10.15	3340	3.2						
	154	245		2900	0.80						
	43	215	9.07	3300	0.95						
	49	183	32.40	3720	1.10						
	57	145	28.73	3840	1.40	R	37	DT	90S4	24	224
	73	135	24.42	3790	1.50	RF	37	DT	90S4	26	225
	78	117	19.31	3660	1.70						
	90	99	18.05	3520	1.90	R	37	DT	90S4	24	224
	106	89	15.60	3430	2.1	RF	37	DT	90S4	25	225
	118	76	13.25	3290	2.2						
	139	71	11.83	3230	2.4						
	148	60	10.11	3090	2.6						
	176	50	9.47	2920	2.9						
	210	43	7.97	2790	3.3	R	37	DT	90S4	24	224
	247	38	6.67	2700	3.6	RF	37	DT	90S4	25	225
	277		5.67								
			5.06								



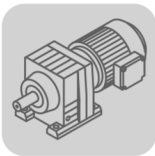
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
1.1		145		2430					
	72	136	19.35	2410	0.90				
	77	117	18.08	2360	0.95				
	90	100	15.63	2290	1.10				
	105	89	13.28*	2240	1.30				
	118	76	11.86	2160	1.45				
	138	61	10.13	2010	1.60				
	172	57	8.16	1980	1.95	R	27	DT	90S4
	184	50	7.63*	1920	2.1	RF	27	DT	90S4
	212	42	6.59	1840	2.4				
	250	38	5.60*	1790	2.5				
	280	32	5.00*	1720	2.7				
	328	30	4.27	1690	2.8				
	350	25	4.00*	1610	3.1				
	415	52	3.37	1980	2.5				
	203	46	13.28*	1920	2.8				
	228	39	11.86	1840	3.1				
	267	37	10.13	1780	3.3				
	287	32	9.41	1720	3.7				
	331	30	8.16	1690	3.8				
	354	26	7.63*	1620	4.1	R	27	DT	80N2
	410	22	6.59	1550	4.5	RF	27	DT	80N2
	482	20	5.60*	1500	4.9				
	540	17	5.00*	1430	5.2				
	632	16	4.27	1410	5.5				
	675	13	4.00*	1340	6.0				
	801	77	3.37	1150	1.10				
	137	66	19.71	1140	1.30				
	159	62	16.99	1120	1.40				
	170	54	15.84	1120	1.60				
	195	51	13.84	1100	1.70				
	208	45	12.98	1080	1.95				
	236	40	11.45	1050	2.1				
	266	34	10.15	970	1.90	R	17	DT	80N2
	313	29	8.63	960	2.0	RF	17	DT	80N2
	358	27	7.55	940	2.3				
	384	24	7.04	930	2.4				
	439	22	6.15	910	2.6				
	468	20	5.76	880	2.7				
	531	18	5.09	850	3.0				
	599	15	4.51	5680	2.6				
	704	42	3.83	5590	2.6				
	249	40	5.63	5380	3.5				
	262	36	5.35*	4130	1.60	RX	77	DT	90S4
	296	52	4.73	4070	1.65	RXF	77	DT	90S4
	203	49	4.53	3920	2.0				
	214	43	4.30*	3660	2.4	RX	67	DT	90L6
	244	34	3.77	3610	2.5	RXF	67	DT	90L6
	309	32	4.53	3470	3.1				
	326	28	4.30*	3300	4.2				
	371	24	3.77	3200	4.9				
	438	22	3.20*	3070	6.2				
	485	19	2.89	3020	6.8				
	551	18	2.54	2870	8.8	RX	67	DT	90S4
	583	15	2.40*	2780	9.1	RXF	67	DT	90S4
	685	14	2.04	2660	9.4				
	754	12	1.86	2550	9.9				
	870	11	1.61	3120	1.60				
	1000	43	1.40*	3060	1.70				
	243	41	3.79	2960	1.80				
	259	36	3.55*	2900	2.0				
	293	33	3.14	2820	2.3	RX	57	DT	90L6
	316	30	2.91			RXF	57	DT	90L6
	348		2.64*						



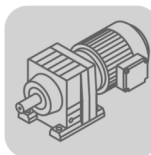
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
1.1		28		2780					
	369	27	3.79	2730	2.4				
	394	24	3.55*	2630	2.6				
	446	22	3.14	2570	2.8				
	481	20	2.91	2500	3.1				
	530	18	2.64*	2420	3.5				
	591	15	2.37	2310	3.9	RX	57	DT	90S4
	686	14	2.04	2270	4.5	RXF	57	DT	90S4
	729	12	1.92*	2160	4.8				
	847	11	1.65	2090	5.6				
	948	9.8	1.48	2010	6.1				
1.5	1075	21400	1.30	120000	6.4				
					0.85				
	0.60	19000	2333	120000	0.95				
	0.68	17000	2085	120000	1.05				
	0.75	15100	1877	120000	1.20				
	0.84	13300	1670	120000	1.35	R	167 R97	DT	90L4
	0.98	11800	1438	120000	1.50	RF	167 R97	DT	90L4
	1.1	10300	1279	120000	1.75				
	1.3	9180	1123	120000	1.95				
	1.4	3920	999	73600	3.3				
	3.3	3380	426	73800	3.8	R	147 R87	DT	90L4
	3.8	15900	368	37900	0.80	RF	147 R87	DT	90L4
	0.83	14300	1705	58600	0.90				
	0.92	12400	1536	63900	1.05				
	1.1	10800	1329	66500	1.20				
	1.2	9530	1166	68400	1.35				
	1.4	8250	1029	70000	1.60	R	147 R77	DT	90L4
	1.6	7260	889	71100	1.80	RF	147 R77	DT	90L4
	1.8	6420	784	71900	2.0				
	2.0	5780	695	72400	2.3				
	2.3	5200	619	72800	2.5				
	2.5	9770	558	38800	0.80				
	1.4	8290	1043	52700	0.95				
	1.6	6500	888	56200	1.25	R	137 R77	DT	90L4
	2.0	5640	699	57600	1.40	RF	137 R77	DT	90L4
	2.3	10200	609	26100	0.80				
	1.3	8940	1090	49900	0.90				
	1.5	7750	951	53900	1.05				
	1.7	6770	831	55800	1.20				
	1.9	5800	730	57300	1.40				
	2.2	5230	629	58100	1.55	R	137 R77	DT	90L4
	2.5	4530	560	59000	1.75	RF	137 R77	DT	90L4
	2.9	3950	490	59600	2.0				
	3.3	3560	428	59900	2.3				
	3.7	3020	381	60300	2.7				
	4.4	4900	323	18500	0.90				
	2.7		528			R	107 R77	DT	90L4
						RF	107 R77	DT	90L4
	2.6	5030	544	10400	0.85				
	2.9	4550	492	28100	0.95	R	107 R77	DT	90L4
	3.4	3850	417	31700	1.10	RF	107 R77	DT	90L4
	3.8	3440	369	33400	1.25				
	4.4	3000	323	34900	1.45				
	3.0	4470	469	28500	0.95	R	107 R77	DT	90L4
						RF	107 R77	DT	90L4
	4.2	3170	336	11300	0.95				
	4.8	2790	296	22400	1.10	R	97 R57	DT	90L4
	5.7	2330	249	24900	1.30	RF	97 R57	DT	90L4
	6.0	2180	234	25600	1.40				
	6.8	1950	209	26600	1.55				
	3.0	4710	229.95	26500	0.90				
	3.5	4160	203.16	30200	1.05	R	107	DV	112M8
	4.1	3530	172.34	33100	1.20	RF	107	DV	112M8
	4.4	3250	158.68	34100	1.30				

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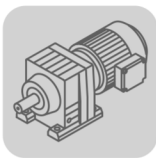
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
1.5		3910		31400							
	3.7	3580	251.15	32900	1.10						
	4.0	3160	229.95	34400	1.20						
	4.5	2680	203.16	35900	1.35	R	107	DV	100M6	180	238
	5.3	2470	172.34	36200	1.60	RF	107	DV	100M6	185	239
	5.8	2210	158.68	36500	1.75						
	6.5	2600	141.83	36500	1.95						
			255.71	23500	1.15						
	5.5	2450	241.25	24300	1.20						
	5.8	2200	216.28	25600	1.35						
	6.5	1890	186.30	26800	1.60						
	7.6	1730	170.02	27300	1.75						
	8.3	1530	150.78	27600	1.95	R	97	DT	90L4	115	236
	9.3	1290	126.75	27900	2.3	RF	97	DT	90L4	130	237
	11	1180	116.48	28000	2.5						
	12	1050	103.44	28200	2.9						
	14	940		28300	3.2						
	15	1850	92.48	11400	0.85						
	7.8	1580	181.77	16700	1.00						
	9.1	1450	155.34	17600	1.05						
	9.9	1270	142.41	18600	1.20	R	87	DT	90L4	74	234
	11	1200	124.97	19000	1.30	RF	87	DT	90L4	81	235
	12	1050	118.43*	19600	1.45						
	14	950	103.65	20000	1.65						
	15	830	93.38	20000	1.85						
	17	735	81.92	20000	2.1						
	19	645	72.57	20000	2.4						
	22	615	63.68*	20000	2.5						
	23	535	60.35*	20000	2.9	R	87	DT	90L4	74	234
	27	485	52.82	20000	3.2	RF	87	DT	90L4	81	235
	30	425	47.58	20000	3.7						
	34	375	41.74	19600	4.1						
	38	940	36.84*	8500	0.85						
	15	830	92.97	9820	1.00						
	17	785	81.80	10200	1.05	R	77	DT	90L4	48	232
	18	670	77.24	11100	1.25	RF	77	DT	90L4	54	233
	21	585	65.77	11600	1.40						
	24	530	57.68	11900	1.55						
	27	465	52.07	12200	1.75						
	31	440	45.81	12300	1.85						
	33	375	43.26	12600	2.2	R	77	DT	90L4	48	232
	38	340	36.83	12700	2.4	RF	77	DT	90L4	54	233
	42	295	33.47	12500	2.8						
	49	255	29.00	12000	3.0						
	56	240	25.23	11800	3.5						
	60	220	23.37	11500	3.8						
	66	191	21.43	11000	4.1	R	77	DT	90L4	47	232
	75	620	18.80	7280	0.95	RF	77	DT	90L4	53	233
	23	580	61.26	7810	1.05						
	25	525	56.89	8370	1.15						
	27	470	51.56	8830	1.30						
	30	405	46.29	9300	1.45						
	35	380		9460	1.50	R	67	DT	90L4	42	230
	38	330	39.88*	9750	1.65	RF	67	DT	90L4	45	231
	44	295	37.50	9920	1.80						
	49	285	32.27	9950	1.90						
	50	270	28.83	9850	2.0						
	53	240	28.13	9500	2.4						
	60	200	26.72	9070	3.0						
	71	182	23.44	8810	3.2	R	67	DT	90L4	41	230
	79	540	19.89	5140	0.85	RF	67	DT	90L4	44	231
	27	490	17.95	6010	0.90						
	29	440	53.22	5920	1.00						
	33	380	48.23	5770	1.20	R	57	DT	90L4	36	228
	38	355	43.30	5710	1.25	RF	57	DT	90L4	39	229
	40	305	37.30*	5540	1.45						
	47	275	35.07	5420	1.65	R	57	DT	90L4	36	228
	52		30.18			RF	57	DT	90L4	39	229
			26.97								



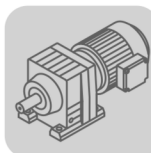
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
		265		5390					
1.5	54	255	26.31	5330	1.70				
	56	225	24.99*	5170	1.75				
	64	189	21.93	4980	2.0				
	76	171	18.60*	4850	2.4	R	57	DT	90L4
	84	150	16.79	4700	2.6	RF	57	DT	90L4
	95	142	14.77*	4630	2.9				
	101	121	13.95*	4440	3.0				
	119	375	11.88	2380	3.4				
	38	355	36.93	3840	0.80				
	41	305	34.73	4220	0.85				
	47	270	29.88	4140	1.00	R	47	DT	90L4
	53	240	26.70	4050	1.10	RF	47	DT	90L4
	60	235	23.59	4040	1.25				
	61	220	23.28	3990	1.25				
	65	196	21.81	3890	1.35				
	73	182	19.27	3830	1.50				
	79	165	17.89	3740	1.60				
	87	148	16.22	3650	1.65				
	97	127	14.56	3520	1.80				
	112	120	12.54	3470	1.95				
	120	103	11.79	3340	2.1				
	139	92	10.15	3240	2.2				
	155	81		3140	2.4	R	47	DT	90L4
	176	79	9.07	3060	2.5	RF	47	DT	90L4
	182	71	8.01	2980	2.1				
	203	61	7.76*	2860	2.3				
	235	57	6.96	2810	2.6				
	250	49	6.00	2700	2.7				
	291	44	5.64*	2610	3.0				
	325	39	4.85	2520	3.3				
	368	196	4.34	2660	3.7				
	73	183	3.83	2840	1.00				
	78	159	19.31	3160	1.10				
	90	135	18.05	3350	1.25	R	37	DT	90L4
	106	120	15.60	3270	1.40	RF	37	DT	90L4
	119	103	13.25	3160	1.50				
	140	96	11.83	3110	1.65				
	149	81	10.11	2980	1.75				
	177	68	9.47	2820	1.95				
	211	58	7.97	2710	2.1				
	249	51	6.67	2630	2.5	R	37	DT	90L4
	279	44	5.67	2520	2.6	RF	37	DT	90L4
	326	41	5.06	2470	2.9				
	348	35	4.32	2360	3.0				
	414	68	4.05	2850	3.2				
	211	61	3.41	2770	2.8				
	237	52		2650	3.0				
	277	48	13.25	2610	3.3				
	296	41	11.83	2480	3.5				
	351	159	10.11	1700	3.8	R	37	DT	90S2
	90	135	9.47	2020	0.80	RF	37	DT	90S2
	106	121	7.97	2080	0.95				
	119	103	15.63	2030	1.05				
	139	83	13.28*	1880	1.20				
	173	78	11.86	1860	1.40				
	185	67	10.13	1810	1.45				
	214	57	8.16	1750	1.60				
	252	51	7.63*	1710	1.75				
	282	43	6.59	1650	1.85	R	27	DT	90L4
	330	41	5.60*	1630	2.0	RF	27	DT	90L4
	353	34	5.00*	1560	2.1				
	418		4.27		2.3				
			4.00*						
			3.37						

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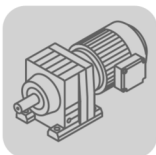


R..DR/DT/DV R..D.. [kW]

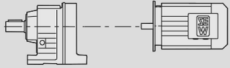
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
1.5		61		1820					
	236	52	11.86	1760	2.1				
	276	42	10.13	1640	2.4				
	343	39	8.16	1610	2.8				
	367	34	7.63*	1550	2.9				
	425	29	6.59	1490	3.2	R	27	DT	90S2
	500	26	5.60*	1450	3.5	RF	27	DT	90S2
	560	22	5.00*	1390	3.7				
	656	21	4.27	1360	4.0				
	700	17	4.00*	1300	4.2				
	831	57	3.37	5580	4.6				
					1.90				
	250	54	5.63	5490	1.90				
	264	48	5.35*	5300	2.6				
	298	41	4.73	5050	3.5				
	349	38	4.04*	4920	4.1				
	381	33	3.70	4720	5.5	RX	77	DT	90L4
	434	31	3.25*	4650	6.2	RXF	77	DT	90L4
	458	27	3.08*	4460	7.9				
	523	25	2.70	4310	8.7				
	581	46	2.43	3570	1.80				
					1.85				
	312	44	4.53	3520	2.3				
	328	38	4.30*	3390	3.1				
	374	33	3.77	3230	3.6				
	441	29	3.20*	3140	4.6				
	488	26	2.89	3020	5.0				
	555	24	2.54	2970	6.4	RX	67	DT	90L4
	588	21	2.40*	2820	6.7	RXF	67	DT	90L4
	690	19	2.04	2740	7.0				
	759	16	1.86	2620	7.3				
	876	14	1.61	2510	1.80				
	1005	39	1.40*	2700	1.90				
					2.0				
	372	36	3.79	2650	2.3				
	397	32	3.55*	2560	2.6				
	450	30	3.14	2510	2.9				
	484	27	2.91	2440	3.3				
	534	24	2.64*	2360	3.5				
	595	21	2.37	2260	4.1	RX	57	DT	90L4
	691	20	2.04	2220	4.5	RXF	57	DT	90L4
	734	17	1.92*	2120	4.7				
	853	15	1.65	2050	0.80				
	955	13	1.48	1980	0.90				
	1080	22600	1.30	120000	1.05				
	0.84	19700		120000	1.15				
2.2	0.98	17500	1670	120000	1.30				
	1.1	15300	1438	120000	1.55				
	1.3	13600	1279	120000	1.75				
	1.4	11800	1123	120000	2.1	R	167 R97	DV	100M4
	1.6	10400	999	120000	1.80	RF	167 R97	DV	100M4
	1.9	8730	861	120000	2.1				
	2.1	7200	760	71100	2.2				
	2.6	6190	656	72100	2.6				
	3.1	5820	533	72400	2.9				
	3.3	5030	462	72900	0.80				
	3.8	4450	426	73300	0.90	R	147 R87	DV	100M4
	4.3	16000	368	36000	1.05	RF	147 R87	DV	100M4
	1.2	14100	326	60300	1.20				
	1.4	12200		64200	1.35				
	1.6	10800	1166	66600	1.50				
	1.8	9520	1029	68500	1.70				
	2.0	8550	889	69700	1.95				
	2.3	7690	784	70600	0.85	R	147 R77	DV	100M4
	2.5	6730	695	71600	0.95	RF	147 R77	DV	100M4
	2.9	9620	619	41800					
	2.0	8350	558	52500					
	2.3		489						
			699			R	137 R77	DV	100M4
			609			RF	137 R77	DV	100M4

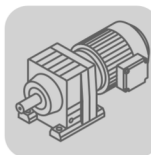


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB		m [kg]					
		10000		33300								
2.2	1.9	8610	730	51400	0.80							
	2.2	7730	629	54000	0.95							
	2.5	6720	560	55900	1.05							
	2.9	5860	490	57200	1.20							
	3.3	5260	428	58100	1.35	R	137 R77	DV	100M4	305	246	
	3.7	4460	381	59000	1.50	RF	137 R77	DV	100M4	330	246	
	4.4	4020	323	59500	1.80							
	4.8	3510	291	59900	2.0							
	5.5	3070	255	60300	2.3							
	6.3	223	223	28600	2.6							
		4.4	3920	285	31400	0.95						
		4.9	3470	253	33300	1.10	R	107 R77	DV	100M4	220	246
		5.6	2940	214	35100	1.25	RF	107 R77	DV	100M4	225	246
		6.6	4540	325	28100	0.95						
		4.4				0.95	R	107 R77	DV	100M4	215	246
							RF	107 R77	DV	100M4	220	246
		6.8	2880	209	21800	1.05	R	97 R57	DV	100M4	145	246
							RF	97 R57	DV	100M4	165	246
		3.1	6680	222.60*	55900	1.20						
		3.7	5660	188.45	57500	1.40	R	137	DV	132S8	295	240
		4.0	5230	174.40*	58100	1.55	RF	137	DV	132S8	320	241
		4.5	4690	156.31	58800	1.70						
		5.0	4240	141.12*	59300	1.90						
		5.5	3850	128.18	59600	2.1	R	137	DV	132S8	295	240
		6.2	3410	113.72	60000	2.3	RF	137	DV	132S8	320	241
		6.8	3100	103.20*	60300	2.6						
		4.6	4540	203.16	28100	0.95						
		5.5	3850	172.34	31700	1.10	R	107	DV	112M6	190	238
		5.9	3550	158.68	33000	1.20	RF	107	DV	112M6	195	239
		6.6	3170	141.83	34400	1.35						
		5.6	3740	251.15	32200	1.15						
		6.1	3430	229.95	33500	1.25	R	107	DV	100M4	180	238
		6.9	3030	203.16	34900	1.40	RF	107	DV	100M4	185	239
		8.2	2570	172.34	36100	1.65						
		8.9	2360	158.68	36300	1.80						
		9.9	2110	141.83	36600	2.0						
		11	1900	127.68	36900	2.3	R	107	DV	100M4	180	238
		12	1720	115.63	37000	2.5	RF	107	DV	100M4	185	239
		14	1530	102.53	37200	2.8						
		15	1380	92.70	37300	3.1						
		6.5	3220	216.28	7030	0.95						
		7.6	2780	186.30	22500	1.10	R	97	DV	100M4	125	236
		8.3	2530	170.02	23900	1.20	RF	97	DV	100M4	140	237
		9.3	2250	150.78	25300	1.35						
		11	1890	126.75	26800	1.60						
		12	1740	116.48	27300	1.75						
		14	1540	103.44	27600	1.95						
		15	1380	92.48	27800	2.2						
		17	1240	83.15	28000	2.4						
		20	1080	72.17	28200	2.8	R	97	DV	100M4	125	236
		22	970	65.21	27700	3.1	RF	97	DV	100M4	140	237
		24	890	59.92	27000	3.4						
		27	795	53.21	26100	3.8						
		30	710	47.58	25300	4.2						
		11	1860	124.97	10100	0.85						
		12	1760	118.43*	15200	0.90						
		14	1540	103.65	17000	1.00						
		15	1390	93.38	17900	1.10	R	87	DV	100M4	82	234
		17	1220	81.92	18900	1.25	RF	87	DV	100M4	89	235
		19	1080	72.57	19500	1.45						
		22	950	63.68*	20000	1.65						
		23	900	60.35*	20000	1.70						
		27	785	52.82	20000	1.95						
		30	710	47.58	20000	2.2						
		34	620	41.74	19900	2.5	R	87	DV	100M4	82	234
		38	550	36.84*	19200	2.8	RF	87	DV	100M4	89	235
		43	485	32.66*	18500	3.2						



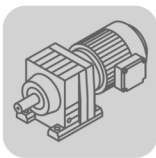
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
2.2		515		18800							
	41	470	34.40*	18300	2.9						
	45	415	31.40	17700	3.3						
	51	350	27.84*	16800	3.7	R	87	DV	100M4	81	234
	60	320	23.40	16400	4.5	RF	87	DV	100M4	88	235
	66	980	65.77	5470	0.85						
	21	860	57.68	9540	0.95						
	24	775	52.07	10300	1.05	R	77	DV	100M4	55	232
	27	685	45.81	11000	1.20	RF	77	DV	100M4	61	233
	31	645	43.26	11300	1.25						
	33	550	36.83	11800	1.50						
	38	500	33.47	12100	1.65	R	77	DV	100M4	55	232
	42	430	29.00	12100	1.90	RF	77	DV	100M4	61	233
	49	375	25.23	11700	2.1						
	56	350	23.37	11400	2.4						
	60	320	21.43	11200	2.6						
	66	280	18.80	10800	2.8						
	75	265	17.82*	10200	2.9	R	77	DV	100M4	54	232
	79	230	15.60	9910	3.2	RF	77	DV	100M4	60	233
	90	210	14.05	7630	3.4						
	100	595	14.05	7630	1.00						
	35	560	39.88*	8020	1.00						
	38	480	37.50	8750	1.10	R	67	DV	100M4	49	230
	44	430	32.27	9140	1.20	RF	67	DV	100M4	52	231
	49	350	28.83	9140	1.60						
	60	295	23.44	8760	2.0						
	71	270	19.89	8530	2.2						
	79	235	17.95	8240	2.4						
	89	220	15.79	8110	2.5						
	95	189	14.91	7760	2.8	R	67	DV	100M4	48	230
	111	172	12.70	7560	2.9	RF	67	DV	100M4	51	231
	122	149	11.54	7250	3.2						
	141	130	10.00	6960	3.4						
	162	116	8.70*	6760	3.3						
	181	555	7.79	4490	0.80						
	38	525	37.30*	5030	1.00						
	40	450	35.07	4960	1.10	R	57	DV	100M4	43	228
	47	400	30.18	4800	1.40	RF	57	DV	100M4	46	229
	52	325	26.97	4660	1.60						
	64	275	21.93	4570	1.80						
	76	250	18.60*	4450	2.0						
	84	220	16.79	4390	2.1						
	95	210	14.77*	4230	2.3						
	101	177	13.95*	4140	2.4	R	57	DV	100M4	42	228
	119	161	11.88	4000	2.7	RF	57	DV	100M4	45	229
	131	139	10.79	3980	2.8						
	151	135	9.35	3850	3.0						
	156	119	7.97	4340	2.3						
	177	197	26.31	4160	2.8						
	107	187	24.99*	3990	3.2						
	112	164	21.93	3890	3.6						
	128	139	18.60*	3760	3.9	R	57	DT	90L2	35	228
	151	126	16.79	3710	4.1	RF	57	DT	90L2	38	229
	167	111	14.77*								
	190	104	13.95*								
	201										



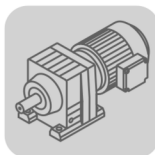
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
2.2		285		3550					
	73	240	19.27	3460	1.05				
	87	215	16.22	3400	1.15				
	97	187	14.56	3310	1.20				
	112	176	12.54	3270	1.35				
	120	151	11.79	3160	1.40				
	139	135	10.15	3090	1.50				
	155	119	9.07	3000	1.65				
	176	116	8.01	2910	1.70	R	47	DV	100M4
	182	104	7.76*	2840	1.40	RF	47	DV	100M4
	203	89	6.96	2740	1.55				
	235	84	6.00	2700	1.75				
	250	72	5.64*	2600	1.85				
	291	65	4.85	2530	2.1				
	325	57	4.34	2440	2.3				
	368	174	3.83	3260	2.5				
	121	163		3220	1.70				
	129	144	23.28	3130	1.85				
	146	134	21.81	3080	2.1				
	157	121	19.27	3010	2.2				
	173	109	17.89	2930	2.3				
	193	94	16.22	2830	2.4				
	224	88	14.56	2780	2.7	R	47	DT	90L2
	238	76	12.54	2680	2.8	RF	47	DT	90L2
	277	68	11.79	2600	3.0				
	310	60	10.15	2510	3.2				
	351	230	9.07	1070	3.4				
	90	198	8.01	1660	0.85				
	106	176	15.60	1990	0.95				
	119	151	13.25	2360	1.05	R	37	DV	100M4
	140	141	11.83	2480	1.15	RF	37	DV	100M4
	149	119	10.11	2750	1.20				
	177	99	9.47	2470	1.30				
	211	84	7.97	2570	1.45				
	249	75	6.67	2500	1.70				
	279	64	5.67	2410	1.80	R	37	DV	100M4
	326	60	5.06	2370	1.95	RF	37	DV	100M4
	348	51	4.32	2270	2.0				
	414	144	4.05	2440	2.2				
	146	135	3.41	2560	1.40				
	156	117		2780	1.50				
	180	99	19.31	2700	1.70	R	37	DT	90L2
	212	89	18.05	2630	1.90	RF	37	DT	90L2
	237	76	15.60	2540	2.1				
	278	71	13.25	2500	2.3				
	297	60	11.83	2390	2.4				
	352	50	10.11	2260	2.6				
	421	42	9.47	2170	2.9				
	496	38	7.97	2100	3.4	R	37	DT	90L2
	555	32	6.67	2010	3.6	RF	37	DT	90L2
	650	30	5.67	1980	3.9				
	694	26	5.06	1880	4.0				
	824	151	4.32	1120	4.4				
	139	98	4.05	1130	0.80				
	214	83	3.41	1390	1.10				
	252	75		1540	1.20				
	282	64	10.13	1540	1.30				
	330	60	6.59	1520	1.35				
	353	50	5.60*	1470	1.45	R	27	DV	100M4
	418	99	5.00*	1710	1.55	RF	27	DV	100M4
	212	89	4.27	1680	1.30				
	237	76	4.00*	1640	1.45				
	277	61	3.37	1520	1.60				
	344	57	13.28*	1500	1.90				
	369	49	11.86	1460	1.95				
	426	42	10.13	1410	2.2				
	502	37	8.16	1380	2.4				
	562	32	7.63*	1330	2.5				
	658	30	6.59	1310	2.7	R	27	DT	90L2
	703	25	5.60*	1250	2.8	RF	27	DT	90L2
	834		5.00*		3.1				
			4.27						
			4.00*						
			3.37						

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15

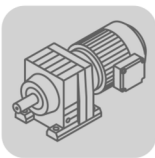


R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
2.2		70		5180					
	298	60	4.73	4950	1.75				
	349	55	4.04*	4820	2.4				
	381	48	3.70	4640	2.8				
	434	46	3.25*	4560	3.8				
	458	40	3.08*	4380	4.2				
	523	36	2.70	4250	5.4	RX	77	DV	100M4
	581	32	2.43	4080	5.9	RXF	77	DV	100M4
	662	28	2.13	3920	6.3				
	750	25	1.88*	3780	6.7				
	846	21	1.67	3590	7.0				
	991	56	1.42	3280	7.3				
					1.55				
	374	48	3.77	3130	2.1				
	441	43	3.20*	3050	2.5				
	488	38	2.89	2940	3.1				
	555	36	2.54	2890	3.4				
	588	30	2.40*	2760	4.4	RX	67	DV	100M4
	690	28	2.04	2680	4.6	RXF	67	DV	100M4
	759	24	1.86	2570	4.8				
	876	21	1.61	2460	5.0				
	1005	47	1.40*	2450	1.40				
	450	39	3.14	2340	1.75				
	534	35	2.64*	2280	1.95				
	595	30	2.37	2190	2.3				
	691	29	2.04	2150	2.4				
	734	25	1.92*	2060	2.8	RX	57	DV	100M4
	853	22	1.65	1990	3.1	RXF	57	DV	100M4
	955	19	1.48	1930	3.3				
	1080	21200	1.30	120000	0.85				
	1.2	18900		120000	0.95				
3.0			1123	120000	1.10				
	1.4	16300	999	120000	1.25				
	1.6	14400	861	120000	1.50	R	167 R97	DV	100L4
	1.8	12200	760	120000	1.95	RF	167 R97	DV	100L4
	2.1	9330	656	120000	1.30				
	2.8	9990	503	67800	1.50				
	2.6	8610	533	69600	1.60				
	3.0	8060	462	70200	1.85				
	3.3	6960	426	71400	2.1				
	3.8	6150	368	72100	2.5	R	147 R87	DV	100L4
	4.3	5230	326	72800	0.75	RF	147 R87	DV	100L4
	5.0	16900	280	21900	0.85				
	1.6	14900	889	52000	1.00				
	1.8	13200	784	62300	1.10				
	2.0	11800	695	64900	1.20	R	147 R77	DV	100L4
	2.3	10600	619	66900	0.85	RF	147 R77	DV	100L4
	2.5	9280	558	48100	1.00				
	2.9	8100	490	53200	1.10				
	3.3	7260	428	54900	1.30				
	3.7	6160	381	56800	1.45				
	4.3	5540	323	57700	1.65	R	137 R77	DV	100L4
	4.8	4840	291	58600	1.90	RF	137 R77	DV	100L4
	5.5	4240	255	59300	0.80				
	6.3	9990	223	34100	0.90				
	2.7	8760	517	50700	0.90				
	3.1	4790	453	23500	1.05	R	137 R77	DV	100L4
	5.5	4060	253	30700	1.20	RF	137 R77	DV	100L4
	6.5	3550	214	33000	0.85	R	107 R77	DV	100L4
	7.5	4930	187	17400		RF	107 R77	DV	100L4
	5.5		256			R	107 R77	DV	100L4
						RF	107 R77	DV	100L4

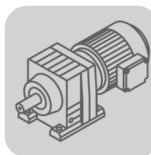


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
3.0		8860		50300							
	3.2	7500	222.60*	54400	0.90						
	3.8	6940	188.45	55500	1.05	R	137	DV	132M8	305	240
	4.1	6220	174.40*	56700	1.15	RF	137	DV	132M8	325	241
	4.6	5620	156.31	57600	1.30						
	5.1	5100	141.12*	58300	1.40						
	5.6	4520	128.18	59000	1.55						
	6.3	4110	113.72	59400	1.75	R	137	DV	132M8	305	240
	7.0	3530	103.20*	59900	1.95	RF	137	DV	132M8	325	241
	8.1	6780	88.70*	55800	2.3						
	4.2	5740	222.60*	57400	1.20						
	5.0	5320	188.45	58000	1.40						
	5.4	4760	174.40*	58700	1.50	R	137	DV	132S6	295	240
	6.0	4300	156.31	59200	1.70	RF	137	DV	132S6	320	241
	6.7	3910	141.12*	59600	1.85						
	7.3	3470	128.18	60000	2.1						
	8.3	3150	113.72	60200	2.3	R	137	DV	132S6	295	240
	9.1	4840	103.20*	21600	2.5	RF	137	DV	132S6	320	241
	5.9	4320	158.68	29300	0.90						
	6.6	3890	141.83	31500	1.00	R	107	DV	132S6	195	238
	7.4	4710	127.68	26500	1.10	RF	107	DV	132S6	205	239
	6.1	4160	229.95	30200	0.90						
	6.9	3530	203.16	33100	1.05						
	8.1	3250	172.34	34100	1.20						
	8.8	2900	158.68	35300	1.30						
	9.9	2610	141.83	36000	1.50						
	11	2370	127.68	36300	1.65	R	107	DV	100L4	185	238
	12	2100	115.63	36700	1.80	RF	107	DV	100L4	190	239
	14	1900	102.53	36900	2.1						
	15	1610	92.70	35900	2.3						
	18	1490	78.57	35200	2.7						
	19	3090	72.88	16200	2.9						
	9.3	2590	150.78	23600	0.95						
	11	2380	126.75	24700	1.15						
	12	2120	116.48	25900	1.25						
	14	1890	103.44	26800	1.40						
	15	1700	92.48	27300	1.60						
	17	1480	83.15	27700	1.75						
	19	1330	72.17	27000	2.0						
	21	1230	65.21	26400	2.3	R	97	DV	100L4	125	236
	23	1090	59.92	25600	2.5	RF	97	DV	100L4	145	237
	26	970	53.21	24800	2.8						
	29	880	47.58	24000	3.1						
	33	760	42.78	23100	3.4						
	38	680	37.13	22400	4.0						
	42	1910	33.25	3630	4.3						
	15	1680	93.38	16000	0.80						
	17	1490	81.92	17400	0.90						
	19	1300	72.57	18400	1.05	R	87	DV	100L4	86	234
	22	1230	63.68*	18800	1.20	RF	87	DV	100L4	93	235
	23	1080	60.35*	19500	1.25						
	27	970	52.82	19900	1.45						
	29	850	47.58	19400	1.60						
	34	755	41.74	18700	1.80						
	38	670	36.84*	18100	2.1	R	87	DV	100L4	86	234
	43	570	32.66*	17400	2.3	RF	87	DV	100L4	93	235
	50	705	27.88	17900	2.6						
	41	640	34.40*	17400	2.1						
	45	570	31.40	16500	2.4						
	50	480	27.84*	16100	2.7						
	60	440	23.40	15600	3.2						
	65	390	21.51	15100	3.4	R	87	DV	100L4	85	234
	73	350	19.10	14600	3.7	RF	87	DV	100L4	92	235
	82	315	17.08*		4.0						
	91		15.35		4.3						



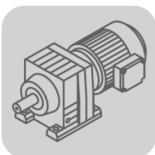
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
3.0		940		8670							
	31	890	45.81	9270	0.85						
	32	755	43.26	10500	0.95	R	77	DV	100L4	59	232
	38	685	36.83	11000	1.10	RF	77	DV	100L4	65	233
	42	595	33.47	11600	1.20						
	48	515	29.00	11300	1.40	R	77	DV	100L4	59	232
	55	480	25.23	11100	1.50	RF	77	DV	100L4	65	233
	60	440	23.37	11100	1.70						
	65	440	21.43	10800	1.85						
	74	385	18.80	10500	2.0						
	79	365	17.82*	10300	2.1						
	90	320	15.60	9980	2.3						
	90	290	14.05	9700	2.5	R	77	DV	100L4	58	232
	100	250	12.33	9350	2.7	RF	77	DV	100L4	64	233
	114	225	10.88	9030	3.0						
	129	197	9.64	8720	3.2						
	145	176	8.59	8500	3.6						
	163	158	7.74	8240	3.9						
	181	139	6.79	7920	4.2						
	206	480	6.79	8730	1.15						
	60	405	23.44	8420	1.45						
	70	365	19.89	8230	1.60						
	78	325	17.95	7980	1.75						
	89	305	15.79	7860	1.80	R	67	DV	100L4	52	230
	94	260	14.91	7550	2.0	RF	67	DV	100L4	55	231
	110	235	12.70	7360	2.1						
	121	205	11.54	7090	2.3						
	140	550	10.00	4330	0.80						
	52		26.97			R	57	DV	100L4	47	228
						RF	57	DV	100L4	50	229
	64	450	21.93	4380	1.00	R	57	DV	100L4	46	228
	75	380	18.60*	4300	1.20	RF	57	DV	100L4	49	229
	83	345	16.79	4250	1.30						
	95	300	14.77*	4160	1.45						
	100	285	13.95*	4130	1.50						
	118	245	11.88	4010	1.65						
	130	220	10.79	3940	1.75						
	150	191	9.35	3820	1.95						
	155	185	9.06	3810	2.0	R	57	DV	100L4	46	228
	176	163	7.97	3700	2.2	RF	57	DV	100L4	49	229
	186	154	7.53	3650	2.3						
	218	131	6.41	3520	2.6						
	240	119	5.82	3430	2.7						
	277	103	5.05	3310	3.0						
	319	90	4.39	3190	3.1						
	128	225	21.93	3950	2.0						
	151	190	18.60*	3820	2.4						
	167	172	16.79	3730	2.6						
	190	151	14.77*	3620	2.9	R	57	DV	100M2	42	228
	201	143	13.95*	3570	3.0	RF	57	DV	100M2	45	229
	236	122	11.88	3440	3.3						
	259	110	10.79	3360	3.5						
	86	330	16.22	2030	0.85						
	96	300	14.56	2500	0.90	R	47	DV	100L4	41	226
	112	255	12.54	3040	0.95	RF	47	DV	100L4	41	227
	119	240	11.79	3040	1.00						
	138	210	10.15	2970	1.10						
	154	186	9.07	2910	1.20						
	175	164	8.01	2840	1.25						
	181	159	7.76*	2740	1.05						
	201	143	6.96	2680	1.10	R	47	DV	100L4	41	226
	233	123	6.00	2610	1.25	RF	47	DV	100L4	41	227
	248	115	5.64*	2580	1.35						
	288	99	4.85	2490	1.50						
	323	89	4.34	2430	1.65						
	365	78	3.83	2360	1.85						

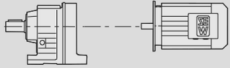


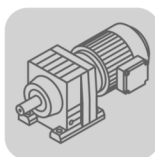
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB			m [kg]	
3.0		121		2670					
	237	104	11.79	2580	2.0				
	276	93	10.15	2510	2.2				
	309	82	9.07	2430	2.4				
	349	79	8.01	2370	2.5				
	361	71	7.76*	2310	2.1				
	402	61	6.96	2220	2.2	R	47	DV	100M2
	467	58	6.00	2190	2.5	RF	47	DV	100M2
	496	50	5.64*	2100	2.7				
	577	44	4.85	2040	3.0				
	646	39	4.34	1970	3.3				
	731	205	3.83	780	3.7				
				1010	0.80				
	139	194	10.11	1510	0.85	R	37	DV	100L4
	148	163	9.47	1250	0.95	RF	37	DV	100L4
	176	137	7.97	1630	1.05				
	210	116	6.67	1830	1.25				
	247	104	5.67	2070	1.30				
	277	88	5.06	2140	1.45	R	37	DV	100L4
	324	83	4.32	2180	1.45	RF	37	DV	100L4
	346	70	4.05	2340	1.60				
	411	103	3.41	2380	1.65				
	277	97	10.11	2290	1.70				
	296	82	9.47	2170	1.90				
	351	68	7.97	2090	2.1				
	420	58	6.67	2030	2.5	R	37	DV	100M2
	494	52	5.67	1950	2.6	RF	37	DV	100M2
	553	44	5.06	1920	2.9				
	648	41	4.32	1840	3.0				
	692	35	4.05	360	3.2				
	821	115	3.41	615	0.85				
	250	102	5.60*	910	0.95				
	280	87	5.00*	1010	1.00				
	328	82	4.27	1230	1.05	R	27	DV	100L4
	350	69	4.00*	1260	1.15	RF	27	DV	100L4
	415	67	3.37	1330	1.55				
	425	57	6.59	1300	1.75				
	500	51	5.60*	1260	1.85				
	560	44	5.00*	1240	2.0				
	656	41	4.27	1200	2.1	R	27	DV	100M2
	700	35	4.00*	7130	2.3	RF	27	DV	100M2
	831	132	3.37	6830	1.45				
	217	114	6.45	6650	2.0				
	252	104	5.56*	6430	2.4				
	276	92	5.07	6100	3.2	RX	87	DV	100L4
	311	77	4.50*	5050	3.9	RXF	87	DV	100L4
	370	97	3.78	4830	1.25				
	296	83	4.73	4720	1.75				
	347	76	4.04*	4480	2.0				
	378	67	3.70	3150	2.7	RX	77	DV	100L4
	431	63	3.25*	3030	3.1	RXF	77	DV	100L4
	455	77	3.08*	2950	1.15				
	371	66	3.77	2850	1.55				
	438	59	3.20*	2810	1.80				
	485	52	2.89	2690	2.3				
	551	49	2.54	2610	2.5				
	583	42	2.40*	2510	3.2	RX	67	DV	100L4
	685	38	2.04	2410	3.3	RXF	67	DV	100L4
	754	33	1.86	2330	3.5				
	870	29	1.61	2240	3.6				
	1000	64	1.40*	2180	1.00				
	446	54	3.14	2100	1.30				
	530	49	2.64*	2070	1.40				
	591	42	2.37	1990	1.65				
	686	39	2.04	1930	1.75				
	729	34	1.92*	1870	2.0	RX	57	DV	100L4
	847	30	1.65		2.3	RXF	57	DV	100L4
	948	27	1.48		2.4				
	1075		1.30						

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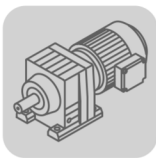
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
4.0		21500		120000							
	1.7	19000	861	120000	0.85						
	1.9	16100	760	120000	0.95						
	2.2	12400	656	120000	1.10	R	167 R97	DV	112M4	780	246
	2.8	9260	503	120000	1.45	RF	167 R97	DV	112M4	780	246
	3.8	8240	376	120000	1.95						
	4.2	13200	335	120000	2.2						
			533	62200	1.00						
	2.7	11400	462	65600	1.15						
	3.1	10600	426	66800	1.20						
	3.3	9190	368	68900	1.40						
	3.9	8130	326	70200	1.60						
	4.4	6920	280	71400	1.90	R	147 R87	DV	112M4	470	246
	5.1	6110	247	72100	2.1	RF	147 R87	DV	112M4	475	246
	5.7	5280	214	72800	2.5						
	6.7	4670	189	73200	2.8						
	7.5	3920	159	73600	3.3						
	9.0	15500	619	43200	0.85						
	2.3	14000	558	60500	0.95						
	2.5	12300	489	64100	1.05	R	147 R77	DV	112M4	445	246
	2.9	10400	415	67200	1.25	RF	147 R77	DV	112M4	455	246
	3.4	9570	381	42700	0.85						
	3.7	8120	323	53100	1.00						
	4.4	7310	291	54800	1.10						
	4.9	6390	255	56400	1.25	R	137 R77	DV	112M4	315	246
	5.6	5600	223	57600	1.45	RF	137 R77	DV	112M4	340	246
	6.4	9560	376	43000	0.85						
	3.8	8600	339	51400	0.95	R	137 R77	DV	112M4	305	246
	4.2	7540	297	54300	1.05	RF	137 R77	DV	112M4	330	246
	4.8	4680	187	27200	0.90						
	7.6					R	107 R77	DV	112M4	230	246
						RF	107 R77	DV	112M4	235	246
	7.3	4890	193	19000	0.90	R	107 R77	DV	112M4	225	246
	8.2	4380	172	29000	1.00	RF	107 R77	DV	112M4	230	246
	4.4	8660	163.31	69500	1.50						
	4.9	7790	146.91	70500	1.65	R	147	DV	132ML8	440	242
	6.0	6360	119.86	71900	2.0	RF	147	DV	132ML8	450	243
	6.6	5800	109.31	72400	2.2						
	4.1	9250	174.40*	48400	0.85						
	4.6	8290	156.31	52700	0.95						
	5.1	7490	141.12*	54400	1.05	R	137	DV	132ML8	310	240
	5.6	6800	128.18	55700	1.20	RF	137	DV	132ML8	335	241
	6.3	6030	113.72	57000	1.35						
	7.0	5470	103.20*	57800	1.45						
	4.3	8860	222.60*	50300	0.90						
	5.1	7500	188.45	54400	1.05						
	5.5	6940	174.40*	55500	1.15	R	137	DV	132M6	305	240
	6.1	6220	156.31	56700	1.30	RF	137	DV	132M6	325	241
	6.8	5620	141.12*	57600	1.40						
	7.5	5100	128.18	58300	1.55						
	8.4	4520	113.72	59000	1.75	R	137	DV	132M6	305	240
	9.3	4110	103.20*	59400	1.95	RF	137	DV	132M6	325	241
	11	3530	88.70*	59900	2.3						
	8.2	4640	172.34	27500	0.95						
	9.0	4270	158.68	29600	1.00						
	10	3820	141.83	31900	1.15						
	11	3430	127.68	33400	1.25						
	12	3110	115.63	34600	1.40						
	14	2760	102.53	35700	1.55	R	107	DV	112M4	190	238
	15	2490	92.70	36200	1.70	RF	107	DV	112M4	195	239
	18	2110	78.57	34900	2.0						
	19	1960	72.88	34200	2.2						
	22	1760	65.60*	33200	2.4						
	24	1600	59.41	32300	2.7						
	27	1420	52.68	31300	3.0						

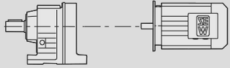


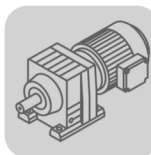
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
4.0		3130		13800					
	12	2780	116.48	22400	0.95				
	14	2490	103.44	24100	1.10				
	15	2240	92.48	25400	1.20				
	17	1940	83.15	26600	1.35				
	20	1750	72.17	26000	1.55				
	22	1610	65.21	25500	1.70	R	97	DV	112M4
	24	1430	59.92	24700	1.85	RF	97	DV	112M4
	27	1280	53.21	24000	2.1				
	30	1150	47.58	23400	2.3				
	33	1000	42.78	22500	2.6				
	38	890	37.13	21800	3.0				
	43	860	33.25	21600	3.2				
	44	730	32.05	20600	3.5				
	52	675	27.19	20100	4.2	R	97	DV	112M4
	57	600	25.03	19500	4.5	RF	97	DV	112M4
	63	540	22.37	18900	4.8				
	71	470	20.14	18300	0.90				
	22	1620	63.68*	13900	0.95	R	87	DV	112M4
	24	1420	60.35*	15200	1.10	RF	87	DV	112M4
	27	1280	52.82	16000	1.20				
	30	1120	47.58	16800	1.40				
	34	990	41.74	17400	1.55				
	39	880	36.84*	17500	1.75	R	87	DV	112M4
	43	750	32.66*	16800	2.0	RF	87	DV	112M4
	51	930	27.88	17600	1.60				
	41	840	34.40*	17400	1.85				
	45	750	31.40	16800	2.1				
	51	630	27.84*	16100	2.5				
	61	580	23.40	15700	2.6				
	66	515	21.51	15200	2.8				
	74	460	19.10	14700	3.0	R	87	DV	112M4
	83	415		14300	3.2	RF	87	DV	112M4
	92	360	17.08*	13700	3.6				
	107	320	15.35	13300	3.8				
	119	990	13.33	4070	0.85				
	39	900	11.93	9100	0.90				
	42	780	36.83	10300	1.05				
	49	680	33.47	10800	1.15	R	77	DV	112M4
	56	630	29.00	10600	1.30	RF	77	DV	112M4
	61	575	25.23	10400	1.40				
	66	505	23.37	10100	1.55				
	76	480	21.43	9950	1.65				
	80	420	18.80	9630	1.75				
	91	380	17.82*	9380	1.90				
	101	330	15.60	9070	2.1				
	115	295	14.05	8780	2.3				
	131	260	12.33	8500	2.4				
	147	230	10.88	8320	2.7	R	77	DV	112M4
	165	210		8070	2.9	RF	77	DV	112M4
	183	183	9.64	7770	3.2				
	209	161	8.59	7490	3.4				
	237	143	7.74	7230	3.6				
	267	535	6.79	7960	1.10				
	71	485	5.99*	7800	1.20				
	79	425	5.31*	7600	1.30				
	90	400	19.89	7510	1.35				
	95	340	17.95	7240	1.50				
	112	310	15.79	7080	1.60				
	123	270	14.91	6840	1.75				
	142	235	12.70	6600	1.90				
	163	210	11.54	6440	1.80				
	182	198	10.00	6340	1.85	R	67	DV	112M4
	193	169	8.70*	6070	1.95	RF	67	DV	112M4
	227	153	7.79	5920	2.0				
	249	133	7.36*	5680	2.2				
	288	116	6.27	5460	2.3				
	331		5.70						
			4.93						
			4.29						

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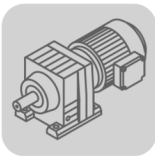


R..DR/DT/DV R..D.. [kW]

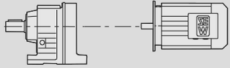
Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
4.0		500		3520							
	76	450	18.60*	3830	0.90	R RF	57 57	DV DV	112M4 112M4	53	228
	85	395	16.79	3800	1.00					56	229
	96	375	14.77*	3780	1.10						
	102	320	13.95*	3710	1.15	R RF	57 57	DV DV	112M4 112M4	53 56	228 229
	120	290	11.88	3660	1.25						
	132	250	10.79	3580	1.35						
	152	245	9.35	3590	1.45						
	157	215	9.06	3500	1.55						
	178	205	7.97	3470	1.65						
	189	172	7.53	3350	1.75						
	222	157	6.41	3280	1.95						
	244	136	5.82	3180	2.0						
	281	118	5.05	3070	2.3						
	323	275	4.39	1960	2.4						
	140	245	10.15	2350	0.85	R RF	47 47	DV DV	112M4 112M4	48 48	226 227
	157	215	9.07	2640	0.90						
	177	187	8.01	2480	0.95						
	204	161	6.96	2430	0.85						
	237	152	6.00	2410	0.95						
	252	131	5.64*	2350	1.00						
	293	117	4.85	2300	1.15						
	327	103	4.34	2250	1.25						
	371	215	3.83	2640	1.40						
	176	195	16.22	2600	1.25						
	196	168	14.56	2540	1.35	R RF	47 47	DV DV	112M2 112M2	48 48	226 227
	228	158	12.54	2510	1.50						
	242	136	11.79	2440	1.55						
	282	121	10.15	2390	1.70						
	315	107	9.07	2320	1.80						
	357	104	8.01	2250	1.90						
	369	93	7.76*	2200	1.55						
	411	80	6.96	2130	1.70						
	477	75	6.00	2100	1.95						
	507	65	5.64*	2020	2.1						
	589	58	4.85	1970	2.3						
	660	51	4.34	1910	2.5						
	746	150	3.83	6630	2.8						
	255	137	5.56*	6470	1.50						
	280	121	5.07	6260	1.85	RX RXF	87 87	DV DV	112M4 112M4	71 76	212 213
	316	102	4.50*	5960	2.4						
	375	109	3.78	4670	3.0						
	351	100	4.04*	4560	1.30						
	383	87	3.70	4410	1.55						
	437	83	3.25*	4350	2.1	RX RXF	77 77	DV DV	112M4 112M4	55 58	210 211
	461	73	3.08*	4190	2.3						
	527	65	2.70	4070	3.0						
	585	57	2.43	3920	3.3						
	667	51	2.13	3780	3.5						
	755	45	1.88*	3650	3.7						
	852	38	1.67	3480	3.9						
	998	86	1.42	2870	4.1						
	444	78	3.20*	2810	1.15						
	492	68	2.89	2730	1.35						
	559	65	2.54	2690	1.75	RX RXF	67 67	DV DV	112M4 112M4	47 51	208 209
	592	55	2.40*	2580	1.90						
	695	50	2.04	2520	2.4						
	765	43	1.86	2420	2.5						
	883	38	1.61	2330	2.6						
	1015	71	1.40*	1670	2.8						
	538	64	2.37	1780	0.95						
	599	55	2.04	1910	1.10						
	696	52	1.92*	1940	1.25	RX RXF	57 57	DV DV	112M4 112M4	44 46	206 207
	740	44	1.65	1900	1.35						
	859	40	1.48	1840	1.55						
	962	35	1.30	1790	1.70						
	1090				1.80						

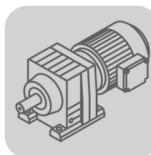


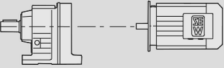
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
5.5		22200		120000							
	2.2	19400	656	120000	0.80						
	2.5	17000	579	120000	0.95						
	2.8	14500	503	120000	1.05						
	3.3	12700	432	120000	1.25	R	167 R97	DV	132S4	780	246
	3.8	11300	376	120000	1.40	RF	167 R97	DV	132S4	790	246
	4.3	10200	335	120000	1.60						
	4.7	9360	303	120000	1.75						
	5.1	15700	279	120000	1.90						
	3.1	14600	462	41200	0.85						
	3.4	12600	426	55400	0.90						
	3.9	11100	368	63500	1.05						
	4.4	9520	326	66000	1.15						
	5.1	8400	280	68500	1.35	R	147 R87	DV	132S4	475	246
	5.8	7250	247	69900	1.55	RF	147 R87	DV	132S4	480	246
	6.7	6410	214	71100	1.80						
	7.6	6410	189	71900	2.0						
	3.1	13800	229.71	120000	1.30						
	3.8	11300	186.93*	120000	1.60						
	4.6	10400	153.07	120000	1.75	R	167	DV	160M8	700	244
	5.1	9010	139.98	120000	2.0	RF	167	DV	160M8	700	245
	5.8	12100	121.81*	64400	1.10						
	4.4	10900	163.31	66500	1.20						
	4.8	8870	146.91	69300	1.45	R	147	DV	160M8	445	242
	5.9	8090	119.86	70200	1.60	RF	147	DV	160M8	455	243
	6.5	8930	109.31	69200	1.45						
	5.9	8040	163.31	70300	1.60	R	147	DV	132ML6	440	242
	6.5	6560	146.91	71700	2.0	RF	147	DV	132ML6	450	243
	8.0	5980	119.86	72200	2.2						
	8.8	5180	109.31	72800	2.5						
	10	4570	94.60*	73200	2.9	R	147	DV	132ML6	440	242
	12	9480	83.47	44400	0.85	RF	147	DV	132ML6	450	243
	5.5	8410	128.18	52200	0.95						
	6.2	7630	113.72	54200	1.05						
	6.9	6560	103.20*	56100	1.20	R	137	DV	160M8	315	240
	8.0	9540	88.70*	43300	0.85	RF	137	DV	160M8	340	241
	5.5	8550	174.40*	51600	0.95						
	6.1	7720	156.31	54000	1.05						
	6.8	7010	141.12*	55300	1.15						
	7.5	6220	128.18	56700	1.30	R	137	DV	132ML6	310	240
	8.4	5650	113.72	57600	1.40	RF	137	DV	132ML6	335	241
	9.3	8180	103.20*	53000	1.00						
	6.4	6920	222.60*	55500	1.15						
	7.6	6410	188.45	56400	1.25						
	8.2	5740	174.40*	57400	1.40	R	137	DV	132S4	295	240
	9.2	5180	156.31	58200	1.55	RF	137	DV	132S4	320	241
	10	4710	141.12*	58800	1.70						
	11	4180	128.18	59300	1.90						
	13	3790	113.72	59700	2.1						
	14	3260	103.20*	60200	2.5						
	16	2970	88.70*	60400	2.7						
	18	2700	80.91*	60500	3.0	R	137	DV	132S4	295	240
	19	2390	73.49	60700	3.3	RF	137	DV	132S4	320	241
	22	2170	65.20	60900	3.7						
	24	1870	59.17*	61000	4.3						
	28	4690	50.86*	27100	0.90						
	11	4250	127.68	29800	1.00						
	12	3770	115.63	32100	1.15						
	14	3400	102.53	33500	1.25						
	15	2890	92.70	33500	1.50						
	18	2680	78.57	32900	1.60						
	20	2410	72.88	32100	1.80						
	22	2180	65.60*	31300	1.95	R	107	DV	132S4	195	238
	24	1930	59.41	30300	2.2	RF	107	DV	132S4	205	239
	27	1750	52.68	29500	2.5						
	30	1480	47.63	28200	2.9						
	35		40.37*								

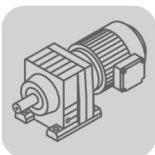


R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
5.5		3050		17600					
	17	2650	83.15	21800	1.00				
	20	2390	72.17	24600	1.15				
	22	2200	65.21	24200	1.25				
	24	1950	59.92	23600	1.35				
	27	1750	53.21	23000	1.55	R	97	DV	132S4
	30	1570	47.58	22500	1.70	RF	97	DV	132S4
	33	1360	42.78	21700	1.90				
	39	1220	37.13	21100	2.2				
	43	1010	33.25	20100	2.4				
	52	1180	27.58	20900	2.6				
			32.05		2.2				
	45	1000	27.19	20000	2.6				
	53	920	25.03	19600	3.1				
	57	820	22.37	19000	3.3	R	97	DV	132S4
	64	740	20.14	18400	3.5	RF	97	DV	132S4
	71	670	18.24	17900	3.7				
	78	595	16.17	17300	4.0				
	88	1750	47.58	15400	0.90				
	30	1530	41.74	17000	1.00				
	34	1350		17200	1.15				
	39	1200	36.84*	16700	1.30	R	87	DV	132S4
	44	1020	32.66*	16100	1.45	RF	87	DV	132S4
	51	1020	27.88	16100	1.50				
	51	860	27.84*	15500	1.80				
	61	790	23.40	15200	1.90				
	66	700	21.51	14700	2.1				
	75	625	19.10	14300	2.2				
	84	565		13900	2.4				
	93	490	17.08*	13400	2.6				
	107	440	15.35	13000	2.8	R	87	DV	132S4
	120	365	13.33	12300	3.3	RF	87	DV	132S4
	144	335	11.93	12200	3.6				
	156	300	9.90*	11800	3.8				
	174	260	9.14*	11300	4.1				
	200	690	8.22	9240	1.15				
	76	655	7.13	9400	1.20				
	80	575	18.80	9150	1.30	R	77	DV	132S4
	92	515	17.82*	8950	1.40	RF	77	DV	132S4
	102	455	15.60	8690	1.50				
	116	400	14.05	8440	1.65				
	131	355	12.33	8190	1.80				
	148	315	10.88	8080	2.0				
	166	285	9.64	7860	2.2	R	77	DV	132S4
	185	250	8.59	7580	2.3	RF	77	DV	132S4
	211	220	7.74	7320	2.5				
	239	195	6.79	7070	2.6				
	269	580	5.99*	6610	0.95				
	91	550	5.31*	6900	1.00				
	96	465	15.79	6810	1.10				
	113	425	14.91	6690	1.20				
	124	365	12.70	6500	1.30				
	143	320	11.54	6310	1.40				
	164	285	10.00	6180	1.35				
	183	270	8.70*	6100	1.35	R	67	DV	132S4
	194	230	7.79	5860	1.45	RF	67	DV	132S4
	228	210	7.36*	5720	1.50				
	251	181	6.27	5510	1.60				
	290	158	5.70	5310	1.70				
	333	159	4.93	5300	2.8				
	331	142	4.29	5160	2.7				
	369	134		5080	2.8				
	391	114	8.70*	4860	2.9				
	460	104	7.79	4730	3.0				
	506	90	7.36*	4540	3.2	R	67	DV	132S2
	584	78	6.27	4350	3.5	RF	67	DV	132S2
	671		5.70						
			4.93						
			4.29						

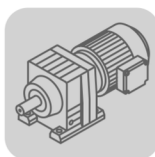


Pm [kW]	na [1/min]	Ma [Nm]	i	F1)Ra [N]	SEW fB					m [kg]	
5.5		545		1730							
	97	510	14.77*	2070	0.80						
	103	435	13.95*	2900	0.85	R	57	DV	132S4	58	228
	120	395	11.88	3270	0.95	RF	57	DV	132S4	61	229
	132	345	10.79	3240	1.00						
	153	295	9.35	3220	1.10						
	179	275	7.97	3200	1.20						
	190	235	7.53	3120	1.25						
	223	215	6.41	3080	1.40	R	57	DV	132S4	58	228
	246	185	5.82	3000	1.50	RF	57	DV	132S4	61	229
	283	161	5.05	2920	1.65						
	326	171	4.39	2930	1.75						
	308	145	9.35	2850	2.2						
	361	137	7.97	2820	2.4						
	383	117	7.53	2720	2.6						
	449	106	6.41	2660	2.9	R	57	DV	132S2	58	228
	494	92	5.82	2560	3.0	RF	57	DV	132S2	61	229
	571	80	5.05	2470	3.3						
	656	178	4.39	1870	3.5						
	295	159	4.85	2110	0.85						
	330	141	4.34	2080	0.90	R	47	DV	132S4	53	226
	373	230	3.83	1730	1.00	RF	47	DV	132S4	53	227
	230	215		1910	1.10						
	244	185	12.54	2250	1.15						
	284	165	11.79	2220	1.25						
	318	146	10.15	2170	1.35						
	359	109	9.07	2000	1.40						
	480	103	8.01	1970	1.45	R	47	DV	132S2	53	226
	511	89	6.00	1920	1.50	RF	47	DV	132S2	53	227
	593	79	5.64*	1870	1.70						
	664	70	5.64*	1820	1.85						
	752	245	4.85	1820	2.1						
	216	205	4.34	10500	1.90						
	255	191	3.83	9980	2.2						
	276	171	6.63*	9760	3.7						
	307	215	5.61	9460	4.1	RX	107	DV	132S4	135	216
	247	180	5.19	8380	1.95	RXF	107	DV	132S4	150	217
	291	166	5.79	7820	2.2						
	316	149	4.65	8010	2.2						
	354	134	5.79	7580	3.6						
	393	121	4.91	7350	4.0						
	434	107	4.52	7140	4.5						
	489	97	4.04	6890	4.9						
	541	82	3.64*	6690	5.5	RX	97	DV	132S4	105	214
	638	72	3.30	6360	6.1	RXF	97	DV	132S4	110	215
	731	60	2.92	6110	7.2						
	874	52	2.64	5780	7.9						
	1010	165	2.24*	5530	8.4						
	318	139	1.96	6040	8.8						
	378	128	1.64	5770	1.75						
	411	113	1.42	5640	2.2						
	463	101	4.50*	5460	3.2						
	518	91	3.78	5290	3.6						
	576	79	3.48	5130	4.0	RX	87	DV	132S4	77	212
	664	119	3.09	4930	4.5	RXF	87	DV	132S4	82	213
	440	113	2.76*	4220	4.9						
	464	99	2.48	4160	1.50						
	530	89	2.15	4030	1.70						
	589	78	3.25*	3920	2.2						
	671	69	3.08*	3780	2.4						
	761	61	2.70	3660	2.6						
	858	52	2.43	3540	2.7	RX	77	DV	132S4	62	210
	1005		2.13	3380	2.8	RXF	77	DV	132S4	65	211
			1.88*		3.0						
			1.67								
			1.42								

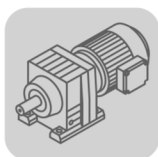


R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
5.5		93		2550							
	563	88	2.54	2520	1.25						
	596	75	2.40*	2430	1.40						
	700	68	2.04	2380	1.80	RX	67	DV	132S4	52	208
	770	59	1.86	2300	1.85	RXF	67	DV	132S4	56	209
	889	51	1.61	2220	1.95						
	1020	75	1.40*	665	2.0						
					0.90						
	700	71	2.04	755	1.00						
	745	61	1.92*	940	1.15	RX	57	DV	132S4	49	206
7.5	866	54	1.65	1020	1.25	RXF	57	DV	132S4	51	207
	969	48	1.48	1160	1.30						
	1095	23400	1.30	120000	0.75						
	2.8	19900	503	120000	0.90						
	3.3	17500	432	120000	1.05						
	3.8	15600	376	120000	1.15	R	167 R97	DV	132M4	800	246
	4.3	14000	335	120000	1.30	RF	167 R97	DV	132M4	810	246
	4.7	12900	303	120000	1.40						
	5.1	15200	279	120000	0.85						
	4.4	13000	326	47300	1.00						
	5.1	11500	280	62600	1.15						
	5.8	9940	247	65400	1.30	R	147 R87	DV	132M4	495	246
	6.7	8790	214	67900	1.50	RF	147 R87	DV	132M4	500	246
	7.6	7390	189	69400	1.75						
	9.0	22900	159	71000	0.80						
	3.1	18600	229.71	120000	0.95						
	3.9	15200	186.93*	120000	1.20						
	4.7	13900	153.07	120000	1.30	R	167	DV	160L8	730	244
	5.1	12100	139.98	120000	1.50	RF	167	DV	160L8	740	245
	5.9	17100	121.81*	120000	1.05						
	4.2	13900	229.71	120000	1.30						
	5.1	11400	186.93*	120000	1.60	R	167	DV	160M6	700	244
	6.3	10400	153.07	120000	1.70	RF	167	DV	160M6	700	245
	6.9	9090	139.98	120000	2.0						
	7.9	8020	121.81*	120000	2.2						
	8.9	6950	107.49	120000	2.6	R	167	DV	160M6	700	244
	10	6190	93.19	120000	2.9	RF	167	DV	160M6	700	245
	12	5500	82.91*	120000	3.3						
	13	5030	73.70*	120000	3.6						
	14	16200	67.40	32800	0.80						
	4.4	14600	67.40	55100	0.90						
	4.9	11900	163.31	64700	1.10						
	6.0	10900	146.91	66500	1.20	R	147	DV	160L8	480	242
	6.6	12200	119.86	64200	1.05	RF	147	DV	160L8	490	243
	5.9	11000	109.31	66300	1.20						
	6.5	8940	163.31	69200	1.45	R	147	DV	160M6	445	242
	8.0	8150	146.91	70100	1.60	RF	147	DV	160M6	455	243
	8.8	7060	119.86	71300	1.85						
	10	6230	109.31	72000	2.1	R	147	DV	160M6	445	242
	12	9440	94.60*	45300	0.85	RF	147	DV	160M6	455	243
	7.6	8730	83.47	50800	0.90						
	8.2	7830	188.45	53700	1.00						
	9.2	7070	174.40*	55200	1.15	R	137	DV	132M4	305	240
	10	6420	156.31	56400	1.25	RF	137	DV	132M4	325	241
	11	5700	141.12*	57500	1.40						
	13	5170	128.18	58200	1.55						
	14	4440	113.72	59100	1.80						
	16	4050	103.20*	59500	1.95						
	18	3680	88.70*	59800	2.2	R	137	DV	132M4	305	240
	19	3270	80.91*	60100	2.5	RF	137	DV	132M4	325	241
	22	2960	73.49	60400	2.7						
	24	2550	65.20	60600	3.1						
	28		59.17*								
			50.86*								

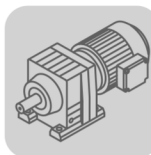


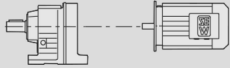
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
7.5		4640		27500					
	15	3940	92.70	31300	0.95				
	18	3650	78.57	31300	1.10				
	20	3290	72.88	30600	1.20				
	22	2980	65.60*	30000	1.30				
	24	2640	59.41	29200	1.45	R	107	DV	132M4
	27	2390	52.68	28500	1.65	RF	107	DV	132M4
	30	2020	47.63	27300	1.80				215 238
	35	1770	40.37*	26400	2.1				225 239
	41	1480	35.26	25200	2.4				
	48	1540	29.49	25500	2.9				
					2.8				
	46	1380	30.77	24700	3.1				
	52	1250	27.58	24100	3.5	R	107	DV	132M4
	57	1130	24.90*	23400	3.8	RF	107	DV	132M4
	63	3000	22.62	19700	1.00				210 238
									215 239
	24	2670	59.92	22200	1.15				
	27	2380	53.21	21800	1.25	R	97	DV	132M4
	30	2140	47.58	21300	1.40	RF	97	DV	132M4
	33	1860	42.78	20700	1.60				160 236
	39	1670	37.13	20200	1.75				175 237
	43	1380	33.25	19400	1.95	R	97	DV	132M4
	52	1610	27.58	20000	1.60	RF	97	DV	132M4
									160 236
	45	1360	32.05	19300	1.90				175 237
	53	1250	27.19	18900	2.3				
	57	1120	25.03	18400	2.4	R	97	DV	132M4
	64	1010	22.37	17900	2.6	RF	97	DV	132M4
	71	910	20.14	17500	2.7				155 236
	78	1840	18.24	11500	0.85				175 237
	39	1640	36.84*	15700	0.95	R	87	DV	132M4
	44	1400	32.66*	15200	1.05	RF	87	DV	132M4
	51	1390	27.88	15200	1.10				120 234
									125 235
	51	1170	27.84*	14700	1.30				
	61	1080	23.40	14500	1.40				
	66	960	21.51	14100	1.50				
	75	860	19.10	13700	1.65				
	84	770	17.08*	12500	1.75				
	93	670	15.35	12900	1.90				
	107	600	13.33	12600	2.1	R	87	DV	132M4
	120	495	11.93	12000	2.4	RF	87	DV	132M4
	144	460	9.90*	11900	2.6				120 234
	156	410	9.14*	11600	2.8				125 235
	174	355	8.22	11100	3.0				
	200	320	7.13	10800	3.2				
	224	265	6.39	10200	3.4				
	270	940	5.30*	5310	0.85				
	76	890		5720	0.85				
	80	780	18.80	6610	0.95				
	92	705	17.82*	7180	1.00				
	102	615	15.60	7750	1.10				
	116	545	14.05	8010	1.20				
	131	485	12.33	7810	1.30				
	148	430	10.88	7620	1.45	R	77	DV	132M4
	166	390	9.64	7590	1.55	RF	77	DV	132M4
	185	340	8.59	7340	1.70				92 232
	211	300	7.74	7110	1.80				98 233
	239	265	6.79	6890	1.90				
	269	635	5.99*	4240	0.80				
	113	580	5.31*	4860	0.85				
	124	500	12.70	5620	0.95				
	143	435	11.54	5930	1.00				
	164	390	10.00	5500	0.95				
	183	370	8.70*	5720	1.00				
	194	315	7.79	5600	1.05				
	228	285	7.36*	5480	1.10	R	67	DV	132M4
	251	245	6.27	5300	1.15	RF	67	DV	132M4
	290	215	5.70	5130	1.25				87 230
	333		4.93						90 231
			4.29						

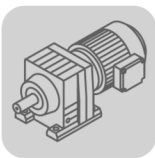


R..DR/DT/DV R..D.. [kW]

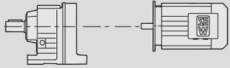
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]						
		400		980												
7.5	179	375	7.97	1280	0.90	R RF	57 57	DV DV	132M4 132M4	81 84	228 229					
	190	320	7.53	2020	0.95											
	223	290	6.41	2380	1.05											
	246	255	5.82	2760	1.10											
	283	220	5.05	2710	1.20											
	326	365	4.39	2580	1.25											
	196	345	14.77*	2780	1.20	R RF	57 57	DV DV	132M2 132M2	87 90	228 229					
	208	295	13.95*	2780	1.25											
	244	265	11.88	2750	1.40											
	269	230	10.79	2710	1.45											
	310	197	9.35	2670	1.60											
	364	186	7.97	2640	1.80											
	385	158	7.53	2570	1.90											
	452	144	6.41	2520	2.1											
	498	125	5.82	2440	2.2											
	575	108	5.05	2370	2.5											
	660	330	4.39	10100	2.6											
	216	280	6.63*	9690	1.40							RX RXF	107 107	DV DV	132M4 132M4	155 170
	255	260	5.61	9490	1.60											
	276	235	5.19	9210	2.7											
	307	210	4.65	8950	3.0											
	340	290	4.20*	8080	3.9											
	247	245	4.20*	8080	1.45											
	291	225	5.79	7750	1.60	RX RXF	97 97	DV DV	132M4 132M4	125 130	214 215					
	316	205	4.91	7580	2.6											
	354	182	4.52	7360	2.9											
	393	165	4.04	7160	3.3											
	434	146	3.64*	6960	3.6											
	489	225	3.30	6730	4.1											
	318	189	2.92	5760	1.30											
	378	174	2.92	5760	1.30											
	411	155	4.50*	5530	1.60											
	463	138	3.78	5420	2.3											
	518	124	3.48	5260	2.6											
	576	108	3.09	5110	2.9											
	664	97	2.76*	4970	3.3	RX RXF	87 87	DV DV	132M4 132M4	99 105	212 213					
	741	80	2.48	4780	3.6											
	894	70	2.15	4640	3.7											
	1030	163	2.15	4400	3.9											
	440	154	1.93	4230	4.2											
	464	135	1.60*	3820	1.10											
	530	122	1.39	3890	1.25											
	589	107	3.25*	3730	1.75											
	671	94	3.08*	3620	1.85											
	761	84	2.70	3510	2.0											
	858	71	2.43	3400	2.1											
	1005	127	2.13	3260	2.2											
	563	120	1.88*	1500	0.95	RX RXF	77 77	DV DV	132M4 132M4	83 86	210 211					
	596	102	1.67	1610	1.00											
	700	93	1.42	1810	1.30											
	770	81	2.54	1930	1.35											
	889	70	2.40*	2060	1.40											
	1020	21400	2.04	2080	1.50											
	3.8	19000	1.86	120000	0.85											
	4.3	17100	1.61	120000	0.95											
	4.8	15700	1.40*	120000	1.05											
5.2	15900	376	120000	1.15	R RF							167 R97 167 R97	DV DV	132ML4 132ML4	810 820	246 246
5.1	14000	335	37800	0.80												
5.8	12100	303	60400	0.95												
6.7	10700	279	64300	1.05	R RF	147 R87 147 R87	DV DV	132ML4 132ML4	500 510	246 246						
7.6	9020	280	66700	1.20												
9.1		247	69100	1.45												
		214														
		189														
		159														

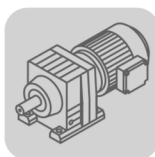


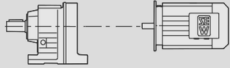
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
9.2		9960		67800							
	8.8	8960	163.31	69200	1.30	R	147	DV	132ML4	440	242
	9.8	7310	146.91	71000	1.45	RF	147	DV	132ML4	450	243
	12	6670	109.31	71600	1.95						
	13	5770	94.60*	72400	2.3						
	15	5090	83.47	72900	2.6	R	147	DV	132ML4	440	242
	17	4400	72.09	73300	3.0	RF	147	DV	132ML4	450	243
	20	4090	66.99	73500	3.2						
	22	9540		43400	0.85						
	9.2	8610	156.31	51400	0.95	R	137	DV	132ML4	310	240
	10	7820	141.12*	53800	1.00	RF	137	DV	132ML4	335	241
	11	6940	128.18	55500	1.15						
	13	6300	113.72	56600	1.25						
	14	5410	103.20*	57900	1.50						
	16	4940	88.70*	58500	1.60						
	18	4480	80.91*	59000	1.80						
	20	3980	73.49	59500	2.0	R	137	DV	132ML4	310	240
	22	3610	65.20	59900	2.2	RF	137	DV	132ML4	335	241
	24	3100	59.17*	60300	2.6						
	28	2710	50.86*	60500	3.0						
	32	4790	44.39	23300	0.90						
	18	4450	78.57	28600	0.95						
	20	4000	72.88	29400	1.05						
	22	3620	65.60*	28800	1.20						
	24	3210	59.41	28100	1.35	R	107	DV	132ML4	225	238
	27	2910	52.68	27500	1.50	RF	107	DV	132ML4	230	239
	30	2460	47.63	26500	1.75						
	36	2150	40.37*	25700	2.0						
	41	1800	35.26	24600	2.4						
	49	1880	29.49	24900	2.3						
	47	1680	30.77	24200	2.6						
	52	1520	27.58	23500	2.8						
	58	1380	24.90*	23000	3.1	R	107	DV	132ML4	220	238
	64	1220	22.62	22200	3.5	RF	107	DV	132ML4	225	239
	72	3250	20.07	3280	0.90						
	27	2900		20600	1.05						
	30	2610	53.21	20300	1.15	R	97	DV	132ML4	170	236
	34	2270	47.58	19800	1.30	RF	97	DV	132ML4	185	237
	39	2030	42.78	19400	1.40						
	43	1680	37.13	18700	1.60	R	97	DV	132ML4	170	236
	52	1530	33.25	18300	1.85	RF	97	DV	132ML4	185	237
	58	1370	27.58	17900	2.0						
	64	1230	25.03	17400	2.1						
	71	1110	22.37	17000	2.3						
	79	990	20.14	16500	2.4	R	97	DV	132ML4	165	236
	89	890	18.24	16100	2.6	RF	97	DV	132ML4	185	237
	98	755	16.17	15400	2.9						
	116	1310	14.62	13900	1.15						
	67	1170	12.39	13600	1.25						
	75	1040	21.51	13200	1.35						
	84	940	19.10	13000	1.45						
	94	810		12600	1.55						
	108	730	17.08*	12200	1.70						
	121	605	15.35	11700	1.95						
	145	560	13.33	11700	2.2	R	87	DV	132ML4	125	234
	158	500	11.93	11700	2.3	RF	87	DV	132ML4	135	235
	175	435	9.90*	11400	2.5						
	202	390	9.14*	10900	2.6						
	225	860	8.22	10600	0.85						
	102	750	7.13	4740	0.90						
	117	665	6.39	5610	1.00						
	132	590	14.05	6800	1.05						
	149	470	12.33	6300	1.30	R	77	DV	132ML4	100	232
	186	415	10.88	6720	1.40	RF	77	DV	132ML4	105	233
	212	365	9.64	6920	1.50						
	240	325	7.74	6720	1.55						
	271		6.79			R	77	DV	132ML4	100	232
			5.99*			RF	77	DV	132ML4	105	233
			5.31*								

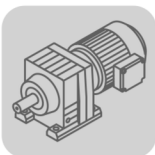


R..DR/DT/DV R..D.. [kW]

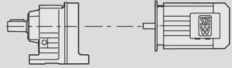
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
9.2		315		9240							
	277	285	5.19	8990	2.2						
	310	255	4.65	8760	2.5						
	343	235	4.20*	8540	3.2	RX	107	DV	132ML4	165	216
	377	205	3.81	8270	3.6	RXF	107	DV	132ML4	180	217
	425	275	3.38	7370	4.0						
	318	245	4.52	7170	2.2						
	356	220	4.04	6980	2.4						
	396	200	3.64*	6800	2.7						
	437	178	3.30	6590	3.0						
	493	161	2.92	6410	3.3	RX	97	DV	132ML4	135	214
	545	137	2.64	6120	3.7	RXF	97	DV	132ML4	140	215
	643	119	2.24*	5890	4.4						
	736	100	1.96	5590	4.8						
	880	86	1.64	5360	5.1						
	1015	210	1.42	5220	5.3						
	414	188	3.48	5080	1.90						
	466	168	3.09	4950	2.2						
	522	151	2.76*	4820	2.4						
	580	131	2.48	4650	2.7	RX	87	DV	132ML4	11	212
	669	118	2.15	4520	2.9	RXF	87	DV	132ML4	0	213
	747	98	1.93	4300	3.0					11	
	900	85	1.60*	4140	3.2					5	
	1035	148	1.39	3010	3.4						
	593	130	2.43	3160	1.45						
	676	115	2.13	3260	1.55						
	766	102	1.88*	3280	1.65	RX	77	DV	132ML4	92	210
	864	87	1.67	3160	1.70	RXF	77	DV	132ML4	95	211
	1010	19600	1.42	120000	1.80						
	4.9	18200	1.00	120000	0.90						
11.0	5.3	15400	295	120000	1.00						
	6.3	13400	270	120000	1.15						
	7.2	11300	229	120000	1.35	R	167 R107	DV	160M4	860	246
	8.5	20000	200	120000	1.60	RF	167 R107	DV	160M4	870	246
	5.0		169	120000	0.90						
			291			R	167 R107	DV	160M4	860	246
						RF	167 R107	DV	160M4	860	246
	4.3	22800	335	120000	0.80	R	167 R97	DV	160M4	820	246
	4.8	20500	303	120000	0.90	RF	167 R97	DV	160M4	820	246
	5.2	18900	279	120000	0.95						
	5.8	16800	247	22800	0.75						
	6.7	14500	214	56000	0.90	R	147 R87	DV	160M4	510	246
	7.6	12900	189	63000	1.00	RF	147 R87	DV	160M4	520	246
	9.1	10800	159	66600	1.20						
	5.1	20500	186.93*	120000	0.90						
	6.3	16700	153.07	120000	1.05	R	167	DV	160L6	730	244
	6.9	15300	139.98	120000	1.20	RF	167	DV	160L6	740	245
	7.9	13300	121.81*	120000	1.35						
	6.3	16800	229.71	120000	1.05	R	167	DV	160M4	700	244
	7.7	13600	186.93*	120000	1.30	RF	167	DV	160M4	700	245
	9.4	11200	153.07	120000	1.60						
	10	10200	139.98	120000	1.75						
	12	8890	121.81*	120000	2.0	R	167	DV	160M4	700	244
	13	7840	107.49	120000	2.3	RF	167	DV	160M4	700	245
	15	6800	93.19	120000	2.7						
	17	6050	82.91*	120000	3.0						
	6.5	16100	146.91	35400	0.80						
	8.0	13100	119.86	62400	1.00						
	8.8	12000	109.31	64600	1.10	R	147	DV	160L6	480	242
	10	10400	94.60*	67300	1.25	RF	147	DV	160L6	490	243
	12	9130	83.47	69000	1.40						

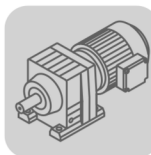


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
11.0		11900		64700							
	8.8	10700	163.31	66700	1.10	R	147	DV	160M4	445	242
	9.8	8740	146.91	69400	1.20	RF	147	DV	160M4	455	243
	12	7970	119.86	70300	1.50						
	13	6900	109.31	71400	1.65						
	15	6090	94.60*	72100	1.90						
	17	5260	83.47	72800	2.1						
	20	4890	72.09	73000	2.5	R	147	DV	160M4	445	242
	22	4460	66.99	73300	2.7	RF	147	DV	160M4	455	243
	24	3860	61.09	73600	2.9						
	27	10300	52.87	73600	3.4						
				23300							
	10	9350	141.12*	46900	0.80						
	11	8300		52700	0.85						
	13	7530	128.18	54400	0.95						
	14	6470	113.72	56300	1.05						
	16	5900	103.20*	57200	1.25						
	18	5360	88.70*	57900	1.35						
	20	4760	80.91*	58700	1.50	R	137	DV	160M4	315	240
	22	4320	73.49	59200	1.70	RF	137	DV	160M4	340	241
	24	3710	65.20	59800	1.85						
	28	3240	59.17*	60200	2.2						
	32	2750	50.86*	60500	2.5						
	38	2400	44.39	60700	2.9						
	44	4790	37.65	60700	3.3						
			32.91	23700	0.90						
	22	4330		27600	1.00						
	24	3840	65.60*	27100	1.10						
	27	3470	59.41	26600	1.25						
	30	2940	52.68	25700	1.45	R	107	DV	160M4	230	238
	36	2570	47.63	25000	1.65	RF	107	DV	160M4	235	239
	41	2150	40.37*	24000	2.0						
	49	2240	35.26	24200	1.90						
	47	2010	29.49	23600	2.1						
	52	1820	30.77	23100	2.4						
	58	1650	27.58	22500	2.6						
	64	1460	24.90*	21800	2.9	R	107	DV	160M4	225	238
	72	1330	22.62	21300	3.2	RF	107	DV	160M4	230	239
	79	3120	20.07	14500	0.95						
	34	2710	18.21	18900	1.10						
				18600	1.20						
	39	2430	42.78	18000	1.35	R	97	DV	160M4	175	236
	43	2010	37.13	17700	1.55	RF	97	DV	160M4	190	237
	52	1830	33.25	17300	1.65						
	58	1630	27.58	17300	1.80						
	64	1470	25.03	16900	1.90	R	97	DV	160M4	170	236
	71	1330	22.37	16600	2.0	RF	97	DV	160M4	190	237
	79	1180	20.14	16100	2.2						
	89	1070	18.24	15700	2.4						
	98	900	16.17	15100	2.7						
	116	790	14.62	14600	3.0						
	133	675	12.39	14300	3.3	R	97	DV	160M4	170	236
	155	610	10.83	13900	3.9	RF	97	DV	160M4	190	237
	172	520	9.29	13200	4.2						
	202	455	8.39	12700	0.95						
	232	1570	7.12	13200	1.05						
	67	1390	6.21	13000	1.10						
	75	1250		12800							
	84	1120	21.51	12500	1.20	R	87	DV	160M4	130	234
	94	970	19.10	12200	1.30	RF	87	DV	160M4	140	235
			17.08*		1.40						
	108	870		11900	1.65						
	121	720	15.35	11400	1.80						
	145	665	13.33	11500	1.95						
	158	600	11.93	11200	2.1						
	175	520	9.90*	10800	2.2	R	87	DV	160M4	130	234
	202	465	9.14*	10400	2.4	RF	87	DV	160M4	140	235
	225	385	8.22	9910							
	272		7.13								
			6.39								
			5.30*								



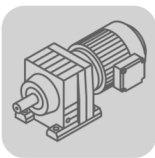
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
11.0		795		4250						105	
	132	705	10.88	5000	0.85	R	77	DV	160M4	105	232
	149	565	9.64	4630	0.90	RF	77	DV	160M4	110	233
	186	495	7.74	5250	1.10						
	212	435	6.79	5720	1.15	R	77	DV	160M4	105	232
	240	390	5.99*	6090	1.25	RF	77	DV	160M4	110	233
	271	380	5.31*	9000	1.30						
	277	340	5.19	8770	1.85						
	310	305	4.65	8560	2.1						
	343	280	4.20*	8360	2.7						
	377	245	3.81	8100	3.0	RX	107	DV	160M4	170	216
	425	225	3.38	7900	3.4	RXF	107	DV	160M4	185	217
	469	193	3.07	7580	3.7						
	545	330	2.64*	7150	4.3						
	318	295	4.52	6970	1.80						
	356	265	4.04	6800	2.0						
	396	240	3.64*	6640	2.2						
	437	215	3.30	6440	2.5						
	493	193	2.92	6280	2.8						
	545	163	2.64	6000	3.1	RX	97	DV	160M4	135	214
	643	143	2.24*	5790	3.6	RXF	97	DV	160M4	145	215
	736	119	1.96	5500	4.0						
	880	103	1.64	5280	4.2						
	1015	255	1.42	5030	4.4						
	414	225	3.48	4910	1.60						
	466	200	3.09	4790	1.80						
	522	181	2.76*	4680	2.0	RX	87	DV	160M4	11	212
	580	157	2.48	4530	2.2	RXF	87	DV	160M4	0	213
	669	141	2.15	4400	2.5					11	
	747	117	1.93	4200	2.5					5	
	900	102	1.60*	4050	2.7	RX	87	DV	160M4	11	212
	1035	177	1.39	1890	2.9	RXF	87	DV	160M4	0	213
	593	155	2.43	2140	1.20					11	
	676	137	2.13	2330	1.30					5	
	766	122	1.88*	2460	1.35						
	864	104	1.67	2580	1.40	RX	77	DV	160M4	96	210
	1010	20800	1.42	120000	1.50	RXF	77	DV	160M4	99	211
15.0	6.4	18200	229	120000	0.85						
	7.3	15300	200	120000	1.00	R	167 R107	DV	160L4	900	246
	8.6	20900	169	120000	1.20	RF	167 R107	DV	160L4	910	246
	6.4	18200	227	120000	0.85						
	7.4	22600	198	120000	1.00	R	167 R107	DV	160L4	900	246
	6.3	20700	153.07	120000	0.80	RF	167 R107	DV	160L4	900	246
	6.9	18000	139.98	120000	0.85						
	8.0	15900	121.81*	120000	1.00	R	167	DV	180L6	770	244
	9.0	22500	107.49	120000	1.15	RF	167	DV	180L6	770	245
	6.4	18300	229.71	120000	0.80						
	7.8	15000	186.93*	120000	1.00	R	167	DV	160L4	730	244
	9.5	13700	153.07	120000	1.20	RF	167	DV	160L4	740	245
	10	12000	139.98	120000	1.30						
	12	10500	121.81*	120000	1.50						
	14	9140	107.49	120000	1.70						
	16	8130	93.19	120000	1.95	R	167	DV	160L4	730	244
	18	7230	82.91*	120000	2.2	RF	167	DV	160L4	740	245
	20	6610	73.70*	120000	2.5						
	22	16100	67.40	34400	2.7						
	8.9	14000	109.31	60600	0.80						
	10	12300	94.60*	64000	0.95						
	12	10600	83.47	66800	1.05						
	13	9890	72.09	67900	1.20	R	147	DV	180L6	520	242
	14		66.99		1.30	RF	147	DV	180L6	530	243

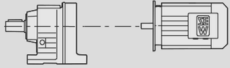


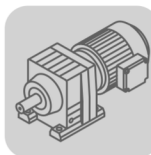
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
15.0		16000		36200							
	8.9	14400	163.31	57400	0.80						
	9.9	11800	146.91	65000	0.90	R	147	DV	160L4	480	242
	12	10700	119.86	66700	1.10	RF	147	DV	160L4	490	243
	13	9280	109.31	68800	1.20						
	15	8190	94.60*	70100	1.40						
	17	7070	83.47	71300	1.60						
	20	6570	72.09	71700	1.85						
	22	5990	66.99	72200	2.0	R	147	DV	160L4	480	242
	24	5190	61.09	72800	2.2	RF	147	DV	160L4	490	243
	28	4580	52.87	73200	2.5						
	31	4670	46.65	73200	2.8						
	31	10100	103.20*	30700	0.80						
	14	8700	88.70*	51000	0.90						
	16	7940	80.91*	53500	1.00	R	137	DV	160L4	355	240
	18	7210	73.49	55000	1.10	RF	137	DV	160L4	380	241
	20	6400	65.20	56400	1.25						
	22	5800		57300	1.40						
	25	4990	59.17*	58400	1.60						
	29	4360	50.86*	59100	1.85						
	33	3690	44.39	59800	2.2	R	137	DV	160L4	355	240
	39	3230	37.65	60200	2.5	RF	137	DV	160L4	380	241
	44	2730	32.91	60500	2.8						
	52	4670	27.83	24500	0.90						
	31	3960	47.63	23900	1.10						
	36	3460	40.37*	23400	1.25	R	107	DV	160L4	270	238
	41	2890	35.26	22600	1.50	RF	107	DV	160L4	275	239
	50	3020	29.49	22800	1.40						
	47	2710	30.77	22400	1.60						
	53	2440	27.58	21900	1.75						
	59	2220		21400	1.95						
	65	1970	24.90*	20900	2.2						
	73	1790	22.62	20400	2.4	R	107	DV	160L4	265	238
	80	1540	20.07	19700	2.8	RF	107	DV	160L4	270	239
	93	1340	18.21	19000	3.2						
	107	2710	15.65	16500	1.00						
	53		13.66								
			27.58			R	97	DV	160L4	215	236
						RF	97	DV	160L4	230	237
	58	2460	25.03	16300	1.15						
	65	2200	22.37	16100	1.25						
	72	1980	20.14	15800	1.30						
	80	1790	18.24	15600	1.40						
	90	1590	16.17	15200	1.50						
	100	1430	14.62	14900	1.60	R	97	DV	160L4	210	236
	118	1220	12.39	14400	1.80	RF	97	DV	160L4	230	237
	135	1060	10.83	14000	1.95						
	157	910	9.29	13800	2.2						
	174	820	8.39	13400	2.5						
	205	700	7.12	12800	2.9						
	235	610	6.21	12400	3.1						
	85	1680	17.08*	11600	0.85						
	95	1510	15.35	11500	0.90	R	87	DV	160L4	170	234
	110	1310	13.33	11300	1.00	RF	87	DV	160L4	175	235
	122	1170	11.93	11100	1.05						
	147	970	9.90*	10700	1.20						
	160	900	9.14*	11000	1.35						
	178	810	8.22	10700	1.45	R	87	DV	160L4	170	234
	205	700	7.13	10300	1.55	RF	87	DV	160L4	175	235
	229	625	6.39	10100	1.65						
	275	520	5.30*	9600	1.75						

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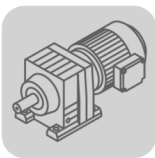
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
15.0	281	510	5.19	8440	1.35	RX RXF	107 107	DV DV	160L4 160L4	210	216
	314	455	4.65	8260	1.50					225	217
	348	410	4.20*	8100	2.0						
	383	375	3.81	7930	2.2						
	431	330	3.38	7720	2.5	RX RXF	107 107	DV DV	160L4 160L4	210	216
	475	300	3.07	7540	2.8					225	217
	553	260	2.64*	7260	3.2						
	634	225	2.30	7010	3.7						
	747	192	2.30	6710	4.0						
	855	168	1.95	6470	4.2						
	1010	142	1.71	6170	4.6						
	1010	445	1.44	6660	1.35						
	323	395	4.52	6530	1.50						
	361	355	4.04	6400	1.65						
	401	325	3.64*	6270	1.85						
	443	285	3.30	6110	2.1						
	499	260	2.92	5970	2.3					180	214
	552	220	2.64	5730	2.7					185	215
	652	192	2.24*	5550	3.0						
	746	161	1.96	5290	3.2						
	892	139	1.64	5090	3.3						
	1030	340	1.42	4260	1.20	RX RXF	97 97	DV DV	160L4 160L4	150	212
	420	305	3.48	4510	1.35					155	213
	473	270	3.09	4430	1.50						
	529	245	2.76*	4350	1.65						
	588	210	2.48	4230	1.80						
	678	189	2.15	4130	1.90						
	757	157	1.93	3960	2.0						
	913	137	1.60*	3840	2.1						
	1050	22500	1.39	120000	0.80						
	7.8	18500		120000	1.00						
18.5	9.6	16900	186.93*	120000	1.05	R RF	167 167	DV DV	180M4 180M4	750	244
	10	14700	153.07	120000	1.25					760	245
	12	13000	139.98	120000	1.40						
	14	11200	121.81*	120000	1.60						
	16	10000	107.49	120000	1.80	R RF	167 167	DV DV	180M4 180M4	750	244
	18	8890	93.19	120000	2.0					760	245
	20	8130	82.91*	120000	2.2						
	22	7070	73.70*	120000	2.6						
	25	14500	67.40	56900	0.90						
	12	13200	58.65	62300	1.00						
	13	11400	119.86	65600	1.15						
	15	10100	109.31	67700	1.30						
	18	8690	94.60*	69500	1.50						
	20	8080	83.47	70200	1.60						
	22	7370	72.09	71000	1.75	R RF	147 147	DV DV	180M4 180M4	500	242
	24	6380	66.99	71900	2.0					510	243
	28	5630	61.09	72500	2.3						
	31	4860	52.87	73000	2.7						
	36	9760	46.65	39000	0.80						
	18	8860	40.29	50200	0.90						
	20	7860	80.91*	53700	1.00						
	22	7140	73.49	55100	1.10						
	25	6130	65.20	56800	1.30						
	29	5350	59.17*	58000	1.50						
	33	4540	50.86*	58900	1.75	R RF	137 137	DV DV	180M4 180M4	375	240
	39	3970	44.39	59500	2.0					400	241
	45	3360	37.65	60100	2.3						
	53	3570	32.91	59900	2.2						
	50	2910	27.83	60400	2.8						
	61	2650	29.57*	60600	3.0						
	67	2300	24.12	60800	3.5						
	77	2030	22.00*	60900	4.0						
	87	4870	19.04*	20200	0.90						
	36	4250	16.80*	22000	1.00						
	42	3560	40.37*	21500	1.20	R RF	107 107	DV DV	180M4 180M4	295	238
	50		35.26							300	239
			29.49								

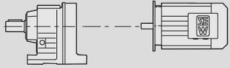


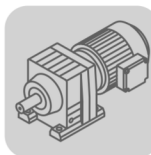
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB		m [kg]				
18.5		3000		20900							
	59	2730	24.90*	20600	1.45	R RF	107 107	DV DV	180M4 180M4	285 290	238 239
	65	2420	22.62	20100	1.60						
	73	2200	20.07	19700	1.80						
	80	1890	18.21	19100	1.95						
	94	1650	15.65	18500	2.3						
	107	1400	13.66	17800	2.6						
	126	1220	11.59	17200	3.1						
	145	950	10.13	16300	3.5						
	186	800	7.86	15600	3.7						
	220	2430	6.66	14900	1.05						
	73	2200	20.14	14700	1.15	R RF	97 97	DV DV	180M4 180M4	235 250	236 237
	80	1950	18.24	14500	1.25						
	91	1760	16.17	14200	1.30						
	100	1490	14.62	13800	1.45						
	118	1310	12.39	13500	1.60						
	135	1120	10.83	13400	1.80						
	158	1010	9.29	13100	2.0						
	175	860	8.39	12600	2.3						
	206	750	7.12	12100	2.5						
	236	625	6.21	11600	2.8						
	282	545	5.20	11100	3.0	R RF	87 87	DV DV	180M4 180M4	190 200	234 235
	326	1610	4.50*	10600	0.80						
	110	1440	13.33	10400	0.85						
	123	1190	11.93	10200	1.00						
	148	1100	9.90*	10600	1.10						
	160	990	9.14*	10300	1.15						
	178	860	8.22	10000	1.25						
	205	770	7.13	9770	1.30						
	229	640	6.39	9350	1.40						
	276	505	5.30*	7710	1.65						
	349	460	4.20*	7580	1.80	RX RXF	107 107	DV DV	180M4 180M4	230 250	216 217
	384	410	3.81	7400	2.0						
	433	370	3.38	7250	2.2						
	477	320	3.07	7010	2.6						
	555	280	2.64*	6780	3.0	RX RXF	107 107	DV DV	180M4 180M4	230 250	216 217
	636	235	2.30	6510	3.3						
	750	205	1.95	6290	3.4						
	858	174	1.71	6020	3.7						
	1015	440	1.44	6060	1.35						
	402	400	3.64*	5960	1.50	RX RXF	97 97	DV DV	180M4 180M4	200 210	214 215
	444	355	3.30	5830	1.70						
	501	320	2.92	5710	1.85						
	554	270	2.64	5510	2.2						
	654	235	2.24*	5350	2.4						
	749	197	1.96	5120	2.6						
	895	171	1.64	4940	2.7						
	1035	335	1.42	3040	1.20						
	531	300	1.42	3340	1.35						
	590	260	2.76*	3630	1.50						
	680	235	2.48	3820	1.55						
	760	193	2.15	3770	1.65						
	916	168	1.93	3670	1.75						
	1055		1.60*		0.80						
	9.6	22000	1.39	120000	0.90						
	22	10	17500	153.07	120000	1.05	R RF	167 167	DV DV	180L4 180L4	770 770
12		15400	139.98	120000	1.15						
14		13400	121.81*	120000	1.35						
16		11900	107.49	120000	1.50	R RF	167 167	DV DV	180L4 180L4	770 770	244 245
18		10600	93.19	120000	1.70						
20		9670	82.91*	120000	1.85						
22		8410	73.70*	120000	2.1						
25		7420	67.40	120000	2.4						
28		6430	58.65	120000	2.8						
33			51.76								
			44.87								

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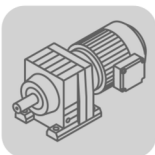


R..DR/DT/DV R..D.. [kW]

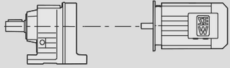
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
22		15700		41300							
	13	13600	109.31	61500	0.85						
	15	12000	94.60*	64600	0.95	R	147	DV	180L4	520	242
	18	10300	83.47	67300	1.10	RF	147	DV	180L4	530	243
	20	9610	72.09	68300	1.25						
	22	8760	66.99	69400	1.35						
	24	7580	61.09	70800	1.50						
	28	6690	52.87	71600	1.70						
	31	5780	46.65	72400	1.95	R	147	DV	180L4	520	242
	36	5110	40.29	72900	2.3	RF	147	DV	180L4	530	243
	41	4300	35.64	73400	2.5						
	49	3350	29.95	73900	3.0						
	22	8480	65.20	46900	0.85						
	25	7290	59.17*	51900	0.95	R	137	DV	180L4	390	240
	29	6370	50.86*	54800	1.10	RF	137	DV	180L4	415	241
	33	5400	44.39	56500	1.25						
	39	4720	37.65	57900	1.50						
	45	3990	32.91	58700	1.70	R	137	DV	180L4	390	240
	53	4240	27.83	59500	1.90	RF	137	DV	180L4	415	241
	50	3460	29.57*	59300	1.85						
	61	3150	24.12	60000	2.3	R	137	DV	180L4	380	240
	67	2730	22.00*	60200	2.5	RF	137	DV	180L4	405	241
	77	2410	19.04*	60500	2.9						
	87	2080	16.80*	60700	3.3						
	101	1840	14.51	60900	3.9	R	137	DV	180L4	380	240
	114	5060	12.83	61000	4.4	RF	137	DV	180L4	405	241
	42	4230	35.26	7280	0.85	R	107	DV	180L4	305	238
	50	3570	29.49	20400	1.00	RF	107	DV	180L4	315	239
	59	3240	24.90*	20000	1.20						
	65	2880	22.62	19700	1.35	R	107	DV	180L4	300	238
	73	2610	20.07	19300	1.50	RF	107	DV	180L4	305	239
	80	2240	18.21	19000	1.65						
	94	1960	15.65	18500	1.90						
	107	1660	13.66	18000	2.2						
	126	1450	11.59	17300	2.6						
	145	1230	10.13	16800	3.0						
	171	1130	8.56	16100	3.5	R	107	DV	180L4	300	238
	186	960	7.86	16100	2.6	RF	107	DV	180L4	305	239
	220	840	6.66	15400	3.1						
	252	2890	5.82	14800	3.6						
	73	2620	5.82	14000	0.90						
	80	2320	20.14	13900	0.95						
	91	2100	18.24	13700	1.05	R	97	DV	180L4	245	236
	100	1780	16.17	13600	1.10	RF	97	DV	180L4	265	237
	118	1550	14.62	13200	1.25						
	135	1330	12.39	13000	1.35						
	158	1200	10.83	12300	1.50						
	175	1020	9.29	12800	1.70						
	206	890	8.39	11900	1.95	R	97	DV	180L4	245	236
	236	745	7.12	11900	2.1	RF	97	DV	180L4	265	237
	282	645	6.21	11400	2.4						
	326	1420	5.20	10900	2.5						
	148	1310	4.50*	9640	0.85						
	160	1180	9.90*	9700	0.90						
	178	1020	9.14*	9960	1.00						
	205	920	8.22	9700	1.05	R	87	DV	180L4	205	234
	229	760	7.13	9490	1.10	RF	87	DV	180L4	215	235
	276	600	6.39	9110	1.20						
	349	545	5.30*	7330	1.40						
	384	485	4.20*	7230	1.50						
	433	440	3.81	7090	1.70						
	477	380	3.38	6960	1.90	RX	107	DV	180L4	245	216
	555	330	3.07	6760	2.2	RXF	107	DV	180L4	260	217
	636	280	2.64*	6560	2.5						
	750	245	2.30	6320	2.7						
	858	205	1.95	6120	2.9						
	1015		1.71	5870	3.1	RX	107	DV	180L4	245	216
			1.44			RXF	107	DV	180L4	260	217

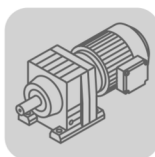


Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
		520		5720							
22	402	475	3.64*	5650	1.15	RX RXF	97 97	DV DV	180L4 180L4	215 220	214 215
	444	420	3.30	5560	1.25						
	501	380	2.92	5460	1.40						
	554	320	2.64	5300	1.55						
	654	280	2.24*	5160	1.85						
	749	235	1.96	4960	2.0						
	895	205	1.64	4790	2.2						
	1035	395	1.42	1270	1.00						
	531	355	2.76*	1710	1.15						
	590	310	2.48	2160	1.25						
	680	275	2.15	2450	1.30						
	760	230	1.93	2750	1.35						
	916	200	1.60*	3030	1.45						
	1055	20900	1.39	120000	0.85						
30	14	18200	107.49	120000	1.00	R RF	167 167	DV DV	200L4 200L4	850 860	244 245
	16	16200	93.19	120000	1.10						
	18	14400	82.91*	120000	1.25						
	20	13100	73.70*	120000	1.35						
	22	11400	67.40	120000	1.55						
	25	10100	58.65	120000	1.80						
	28	8740	51.76	120000	2.1						
	33	7780	44.87	120000	2.3						
	37	6710	39.92	120000	2.7						
	43	5450	34.41	120000	3.3						
	53	4620	27.96	120000	3.9						
	62	16300	23.71	32400	0.80						
	18	14000	83.47	60400	0.95						
	20	13100	72.09	62500	1.00						
	22	11900	66.99	64700	1.10						
	24	10300	61.09	67300	1.25						
	28	9090	52.87	69000	1.45						
	32	7850	46.65	70500	1.65						
	36	6950	40.29	71400	1.85						
	41	5840	35.64	72300	2.2						
	49	4710	29.95	73100	2.5						
	61	3980	24.19	73600	3.0						
	72	3510	20.44	73800	3.0						
	82	3050	18.04	74000	4.3						
	94	9910	15.64	35800	0.80						
	29	8650	50.86*	51200	0.90						
	33	7340	44.39	54700	1.10						
	39	6410	37.65	56400	1.25						
	45	5420	32.91	57900	1.40						
	53	4700	27.83	58800	1.70						
	61	4290	24.12	59200	1.85						
	67	3710	22.00*	59800	2.2						
	77	3270	19.04*	60100	2.4						
	88	2830	16.80*	59500	2.8						
	101	2500	14.51	58400	3.2						
	115	2100	12.83	56600	3.8						
	136	1480	10.79	53300	3.5						
	194	1240	7.59	51300	4.1						
	230	3910	6.38	17600	1.10						
	73	3550	20.07	17400	1.20						
	81	3050	18.21	17100	1.40						
	94	2660	15.65	16800	1.60						
	108	2260	13.66	16300	1.90						
	127	1970	11.59	15900	2.2						
	145	1670	10.13	15400	2.6						
	172	1530	8.56	15500	1.95						
	187	1300	7.86	14900	2.3						
	221	1140	6.66	14400	2.6						
	252	960	5.82	13700	3.0						
	299		4.92			R RF	107 107	DV DV	200L4 200L4	385 390	238 239



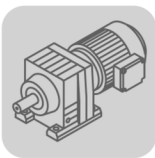
R..DR/DT/DV R..D.. [kW]

Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
30		2850		12000							
	101	2420	14.62	11900	0.80						
	119	2110	12.39	11800	0.90	R	97	DV	200L4	330	236
	136	1810	10.83	12300	1.00	RF	97	DV	200L4	345	237
	158	1640	9.29	12100	1.10						
	175	1390	8.39	11700	1.25						
	207	1210	7.12	11400	1.45						
	237	1010	6.21	10900	1.55	R	97	DV	200L4	330	236
	283	880	5.20	10500	1.75	RF	97	DV	200L4	345	237
	327	660	4.50*	6370	1.85						
	434	600	3.38	6310	1.25						
	479	515	3.07	6180	1.40						
	557	450	2.64*	6050	1.60	RX	107	DV	200L4	330	216
	638	380	2.30	5870	1.85	RXF	107	DV	200L4	345	217
	752	335	1.95	5720	2.0						
	860	280	1.71	5520	2.1						
	1020	570	1.44	3120	2.3						
	503	515	2.92	3560	1.05						
	556	435	2.64	4050	1.15						
	656	380	2.24*	4450	1.35	RX	97	DV	200L4	295	214
	751	320	1.96	4580	1.50	RXF	97	DV	200L4	305	215
	898	275	1.64	4450	1.60						
	1040	22400	1.42	120000	1.65						
37	16	19900	1.42	120000	0.80						
	18	17700	93.19	120000	0.90						
	20	16200	82.91*	120000	1.00						
	22	14100	73.70*	120000	1.10						
	25	12400	67.40	120000	1.30						
	28	10800	58.65	120000	1.45	R	167	DV	225S4	900	244
	33	9600	51.76	120000	1.65	RF	167	DV	225S4	900	245
	37	8270	44.87	120000	1.90						
	43	6720	39.92	120000	2.2						
	53	7380	34.41	120000	2.7						
	48	5900	27.96	120000	1.35						
	60	5250	30.71	120000	2.4						
	67	4580	24.57	120000	2.5	R	167	DV	225S4	890	244
	77	4080	21.85	120000	3.5	RF	167	DV	225S4	900	245
	87	16100	19.03	35000	3.7						
	22	14700	16.98	54200	0.80						
	24	12700	66.99	63200	0.90						
	28	11200	61.09	65900	1.00	R	147	DV	225S4	650	242
	32	9680	52.87	68200	1.15	RF	147	DV	225S4	660	243
	36	8570	46.65	69700	1.35						
	41	7200	40.29	71100	1.50						
	49	5810	35.64	72400	1.80	R	147	DV	225S4	650	242
	61	4910	29.95	73000	2.1	RF	147	DV	225S4	660	243
	72	4340	24.19	73400	2.4						
	82	3760	20.44	73700	2.4						
	94	3340	18.04	73900	3.5	R	147	DV	225S4	640	242
	106		15.64		3.8	RF	147	DV	225S4	650	243
			13.91			R	147	DV	225S4	640	242
						RF	147	DV	225S4	650	243
	39	9050	37.65	49400	0.90	R	137	DV	225S4	520	240
	45	7910	32.91	53600	1.00	RF	137	DV	225S4	550	241
	53	6690	27.83	55900	1.15						
	61	5800	24.12	57300	1.40						
	67	5290	22.00*	58000	1.50	R	137	DV	225S4	510	240
	77	4580	19.04*	57800	1.75	RF	137	DV	225S4	540	241
	88	4040	16.80*	57300	2.0						
	101	3490	14.51	56600	2.3						
	115	3080	12.83	55800	2.6						
	136	2590	10.79	54400	3.1						
	169	2090	8.71	52600	3.7	R	137	DV	225S4	510	240
	194	1820	7.59	51900	2.8	RF	137	DV	225S4	540	241
	230	1530	6.38	50100	3.3						
	285	1240	5.15	47800	3.7						

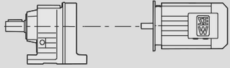


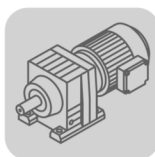
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
37		4820		16100							
	73	4380	20.07	16100	0.90						
	81	3760	18.21	15900	1.00						
	94	3280	15.65	15700	1.15						
	108	2790	13.66	15400	1.30						
	127	2430	11.59	15100	1.55						
	145	2060	10.13	14700	1.75	R	107	DV	225S4	435	238
	172	1890	8.56	14000	2.1	RF	107	DV	225S4	440	239
	187	1600	7.86	14400	1.85						
	221	1400	6.66	14000	2.1						
	252	1180	5.82	13400	2.5						
	299	810	4.92	4470	1.00						
	434	740	3.38	4950	1.10						
	479	635	3.07	5530	1.30						
	557	555	2.64*	5610	1.50						
	638	470	2.30	5490	1.65	RX	107	DV	225S4	380	216
	752	410	1.95	5370	1.70	RXF	107	DV	225S4	395	217
	860	345	1.71	5220	1.85						
	1020	21500	1.44	120000	0.85						
45	20	19700	73.70*	120000	0.90						
	22	17100	67.40	120000	1.05	R	167	DV	225M4	930	244
	25	15100	58.65	120000	1.20	RF	167	DV	225M4	930	245
	28	13100	51.76	120000	1.35						
	33	11700	44.87	120000	1.55						
	37	10100	39.92	120000	1.80						
	43	8170	34.41	120000	2.2	R	167	DV	225M4	930	244
	53	6930	27.96	120000	2.6	RF	167	DV	225M4	930	245
	62	8980	23.71	120000	1.10						
	48	7180	30.71	120000	1.95						
	60	6390	24.57	120000	2.0						
	67	5560	21.85	120000	2.9	R	167	DV	225M4	920	244
	77	4960	19.03	120000	3.0	RF	167	DV	225M4	930	245
	87	15500	16.98	44400	0.85						
	28	13600	52.87	61300	0.95						
	32	11800	46.65	65000	1.10						
	36	10400	40.29	67200	1.25						
	41	8760	35.64	69400	1.50	R	147	DV	225M4	680	242
	49	7070	29.95	71300	1.70	RF	147	DV	225M4	690	243
	61	5970	24.19	72200	2.0						
	72	5270	20.44	72800	2.0						
	82	4570	18.04	73200	2.8						
	94	4070	15.64	73500	3.1						
	106	3510	13.91	73800	3.7	R	147	DV	225M4	670	242
	123	2120	11.99	74300	4.1	RF	147	DV	225M4	680	243
	203	9620		41700	0.85						
	45	8130	7.25	51200	0.95						
	53	7050	32.91	52400	1.15	R	137	DV	225M4	550	240
	61	6430	27.83	52900	1.25	RF	137	DV	225M4	580	241
	67	5570	24.12	53300	1.45						
	77	4910	22.00*	53400	1.65	R	137	DV	225M4	540	240
	88	4240	19.04*	53200	1.90	RF	137	DV	225M4	570	241
	101	3750	16.80*	52800	2.1						
	115	3150	14.51	51900	2.5						
	136	2550	12.83	50500	3.1						
	169	2220	10.79	50200	2.3	R	137	DV	225M4	540	240
	194	1860	8.71	48700	2.7	RF	137	DV	225M4	570	241
	230	1510	7.59	46700	3.1						
	285	4580	6.38	14600	0.95						
	94	3990	5.15	14600	1.10						
	108	3390	15.65	14400	1.25						
	127	2960	13.66	14300	1.45						
	145	2500	11.59	14000	1.70						
	172	2300	10.13	14400	1.30						
	187	1950	8.56	14000	1.50	R	107	DV	225M4	460	238
	221	1700	7.86	13600	1.75	RF	107	DV	225M4	465	239
	252	1440	6.66	13100	2.0						
	299		5.82								
			4.92								

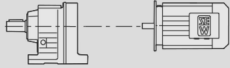
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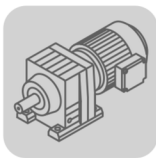


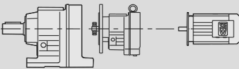
R..DR/DT/DV R..D.. [kW]

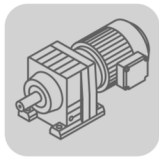
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB			m [kg]	
45		990		1360					
	434	900	3.38	2080	0.85				
	479	770	3.07	2970	0.90				
	557	675	2.64*	3640	1.10	RX	107	DV	225M4
	638	570	2.30	4200	1.25	RXF	107	DV	225M4
	752	500	1.95	4540	1.35				
	860	420	1.71	4880	1.40				
55	1020	20900	1.44	120000	1.55			405	216
								420	217
	25	18400	58.65	120000	0.85				
	29	16000	51.76	120000	1.00				
	33	14200	44.87	120000	1.15				
	37	12300	39.92	120000	1.25	R	167	DV	250M4
	43	9960	34.41	120000	1.45	RF	167	DV	250M4
	53	8440	27.96	120000	1.80			1060	244
	62	8750	23.71	120000	2.1			1060	245
	60	7780	24.57	120000	1.60				
	68	6780	21.85	120000	1.65	R	167	DV	250M4
	77	6050	19.03	120000	2.4	RF	167	DV	250M4
								1050	244
								1060	245
	87	5150	16.98	120000	2.5				
	102	4270	14.48	120000	3.5	R	167	DV	250M4
	123	16600	11.99	26600	4.0	RF	167	DV	250M4
								1060	245
	32	14300	46.65	58200	0.80				
	37	12700	40.29	63300	0.90				
	41	10700	35.64	66800	1.00				
	49	8610	29.95	69600	1.20	R	147	DV	250M4
	61	7280	24.19	71100	1.40	RF	147	DV	250M4
								800	242
								810	243
	72	6420	20.44	71900	1.65				
	82	5570	18.04	72500	1.65				
	94	4950	15.64	73000	2.3	R	147	DV	250M4
	106	4270	13.91	73400	2.5	RF	147	DV	250M4
	123	3470	11.99	73800	3.0			790	242
								800	243
	151	2580		74200	3.8				
	203	2100	9.74	72500	3.4	R	147	DV	250M4
	250	6780	7.25	47800	4.1	RF	147	DV	250M4
	77	5980	5.89	48500	1.20			790	242
								800	243
	88	5170	19.04*	48900	1.35				
	102	4570	16.80*	49000	1.55	R	137	DV	250M4
	115	3840	14.51	48800	1.75	RF	137	DV	250M4
								660	240
								690	241
	137	3100	12.83	48000	2.1				
	169	2700	10.79	48100	2.5				
	194	2270	8.71	46900	1.90				
	231	1830	7.59	45200	2.3	R	137	DV	250M4
	286	21700	6.38	120000	2.5	RF	137	DV	250M4
	33	19300	5.15	120000	0.85			660	240
								690	241
75	37	16700			0.95				
	43	13500	44.87	120000	1.10				
	53	11500	39.92	120000	1.35				
	62	11900	34.41	120000	1.55	R	167	DV	280S4
	60	10600	27.96	120000	1.20	RF	167	DV	280S4
								119	244
	68	9210	23.71	120000	1.25			0	245
								119	
								0	
	78	8220	24.57	120000	1.75				
	87	7000	21.85	120000	1.75	R	167	DV	280S4
						RF	167	DV	280S4
								118	244
								0	245
	102	5800	19.03	120000	2.6			119	
	123	4950	16.98	116600	2.9			0	
	145	14500	14.48	112800	3.4	R	167	DV	280S4
	49	11700	11.99	56500	0.90	RF	167	DV	280S4
								118	244
								0	245
	61		10.24	65100	1.00			119	
			29.95					0	
			24.19			R	147	DV	280S4
						RF	147	DV	280S4
								940	242
								950	243

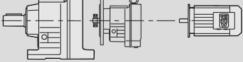


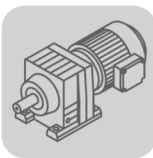
Pm [kW]	na [1/min]	Ma [Nm]	i	F _{Ra} ¹⁾ [N]	SEW fB					m [kg]	
75		9890		67900							
	72	8730	20.44	69500	1.20						
	82	7570	18.04	70800	1.20	R	147	DV	280S4	930	242
	95	6730	15.64	71600	1.70	RF	147	DV	280S4	940	243
	106	5800	13.91	72400	1.85						
	123	4710	11.99	73100	2.2						
	152	4000	9.74	73500	2.8						
	179	3510	8.26	73100	3.3	R	147	DV	280S4	930	242
	204	2850	7.25	70100	2.5	RF	147	DV	280S4	940	243
	251	2420	5.89	67600	3.0						
90	296	23200	5.00	120000	3.6						
	37	20000	39.92	120000	0.80						
	43	16200	34.41	120000	0.90	R	167	D	280M4	1260	244
	53	13800	27.96	120000	1.10	RF	167	D	280M4	1270	245
	62	14300	23.71	120000	1.30						
	60	12700	24.57	120000	1.00						
	68	11100	21.85	120000	1.00	R	167	D	280M4	1260	244
	78	9860	19.03	120000	1.45	RF	167	D	280M4	1260	245
	87	8410	16.98	117300	1.50						
	102	6960	14.48	113500	2.1	R	167	D	280M4	1260	244
	123	5940	11.99	110100	2.4	RF	167	D	280M4	1260	245
	145	11900	10.24	110100	2.9						
	72	10500	20.44	67100	1.00						
	82	9080	18.04	69000	1.00	R	147	D	280M4	1000	242
	95	8080	15.64	70200	1.45	RF	147	D	280M4	1010	243
	106	6960	13.91	71400	1.55						
	123	5660	11.99	72500	1.85						
	152	4800	9.74	73000	2.3						
	179	4210	8.26	70900	2.7	R	147	D	280M4	1000	242
	204	3420	7.25	68300	2.1	RF	147	D	280M4	1010	243
	251	2900	5.89	66100	2.5						
110	296	19800	5.00	117100	3.0						
	53	16800	27.96	116900	1.05	R	167	D	315S4	1450	244
	63	13500	23.71	115500	1.20	RF	167	D	315S4	1460	245
	78	12000	19.03	114300	1.25						
	87	10200	16.98	112200	1.75	R	167	D	315S4	1440	244
	103	8480	14.48	109300	2.0	RF	167	D	315S4	1450	245
	124	7240	11.99	106500	2.4						
	145	20100	10.24	107900	2.4						
132	63		23.71		0.90	R	167	D	315M4	1550	244
						RF	167	D	315M4	1560	245
	78	16200	19.03	108300	1.00						
	87	14400	16.98	107800	1.05	R	167	D	315M4	1540	244
	103	12300	14.48	106700	1.45	RF	167	D	315M4	1550	245
	124	10200	11.99	104700	1.65						
	145	8690	10.24	102600	1.95						
160	103	14900	14.48	99700	1.20	R	167	D	315M4A	1540	244
	124	12300	11.99	98900	1.40	RF	167	D	315M4A	1550	245
	145	10500	10.24	97600	1.60						


8.4 R..R..D.. [Nm]

Ma max [Nm]	na [1/min]	i	F1)Ra [N]					m [kg]	
			4230						
130	0.16	8612	4230						
	0.19	7425	4230						
	0.20	6921	4230						
	0.23	6050	4230						
	0.26	5217	4230						
	0.30	4661	4230	R	27 R17	DR	63S4	12	246
	0.34	4073	4230	RF	27 R17	DR	63S4	11	246
	0.39	3516	4230						
	0.44	3160	4230						
	0.50	2763	4230						
	0.57	2414	4230						
	0.65	2110	4230						
	0.76	1822	4230						
	0.76	1580	4230						
	0.87	1464	4230						
	0.94	1270	4230						
	1.1	1100	4230						
	1.2		4230	R	27 R17	DR	63S4	11	246
	1.4	972	4230	RF	27 R17	DR	63S4	11	246
	1.6	840	4230						
	1.9	741	4230						
	2.1	654	4230						
	2.4	566	4230						
	2.8	499	4230						
	3.1	440	4230						
	3.6	381	4230						
	4.2	329	4230	R	27 R17	DR	63S4	11	246
	4.8	290	4230	RF	27 R17	DR	63S4	11	246
	5.4	256	4230						
	6.1	227	4230						
	6.8	203	4230						
	7.4	179	4230						
	8.5	156	4230	R	27 R17	DR	63M4	11	246
	9.8	135	4230	RF	27 R17	DR	63M4	11	246
	11	118	4230						
	12	104	4230						
	14		4950	R	27 R17	DR	63L4	12	246
	0.16	90	4950	RF	27 R17	DR	63L4	12	246
200	0.16	8595	4950						
	0.19	7411	4950						
	0.20	6907	4950						
	0.23	6038	4950						
	0.27	5206	4950						
	0.30	4651	4950	R	37 R17	DR	63S4	17	246
	0.34	4065	4950	RF	37 R17	DR	63S4	19	246
	0.38	3658	4950						
	0.44	3154	4950						
	0.50	2757	4950						
	0.57	2409	4950						
	0.66	2106	4950						
	0.76	1818	4950						
	0.88	1576	4950						
	1.0	1359	4950						
	1.1	1267	4950						
	1.3	1098	4950						
	1.4	970	4950	R	37 R17	DR	63S4	17	246
	1.7	839	4950	RF	37 R17	DR	63S4	19	246
	1.9	740	4950						
	2.1	653	4950						
	2.4	577	4950						
	2.8	498	4950						
	3.1	439	4950						
	3.6	378	4950	R	37 R17	DR	63S4	17	246
	4.2	328	4950	RF	37 R17	DR	63S4	18	246

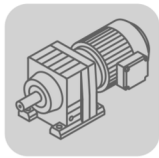


Ma max [Nm]	na [1/min]	i	F1)Ra [N]					m [kg]	
200	4.6	289	4950	R RF	37 R17 37 R17	DR DR	63M4 63M4	17	246
	5.0	265	4950					18	246
	5.8	226	4950						
	6.5	202	4950						
	7.3	179	4950	R RF	37 R17 37 R17	DR DR	63L4 63L4	18	246
	8.3	156	4950					19	246
	9.7	135	4950						
	10	127	4950	R RF	37 R17 37 R17	DT DT	71D4 71D4	18	246
	13	104	4950					20	246
	15	90	4950						
300	0.10	13598	5420	R RF	47 R37 47 R37	DR DR	63S4 63S4	29	246
	0.11	12472	5420					29	246
	0.13	10619	5420						
	0.15	9155	5420						
	0.16	8534	5420						
	0.18	7460	5420						
	0.20	6993	5420						
	0.22	6171	5420						
	0.25	5624	5420						
	0.28	4849	5420						
	0.31	4520	5420						
	0.35	3951	5420						
	0.37	3704	5420						
	0.42	3268	5420						
	0.48	2898	5420						
	0.56	2463	5420						
	0.53	2598	5420	R RF	47 R37 47 R37	DR DR	63S4 63S4	29	246
	0.58	2383	5420					29	246
	0.68	2029	5420						
	0.79	1749	5420						
	0.85	1630	5420						
	0.97	1425	5420						
	1.0	1336	5420						
	1.2	1179	5420						
	1.3	1074	5420						
	1.5	927	5420						
	1.6	863	5420						
	1.8	755	5420						
	2.5	546	5420					28	246
	2.8	502	5420					28	246
	3.1	429	5420	R RF	47 R37 47 R37	DR DR	63M4 63M4	28	246
	3.6	372	5420					28	246
	3.8	348	5420						
	4.4	301	5420						
	5.1	255	5420	R RF	47 R37 47 R37	DR DR	63L4 63L4	29	246
	5.7	228	7110					29	246
450	0.10	14369	7110	R RF	57 R37 57 R37	DR DR	63S4 63S4	34	246
	0.11	12095	7110					38	246
	0.13	10860	7110						
	0.15	9445	7110						
	0.16	8480	7110						
	0.19	7312	7110						
	0.21	6521	7110						
	0.25	5585	7110						
	0.28	4928	7110						
	0.32	4378	7110						
	0.36	3873	7110						
	0.41	3344	7110						
	0.47	2907	7110						
	0.54	2567	7110						
	0.61	2244	7110						
	0.70	1967	7110						

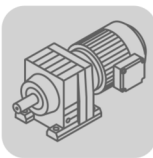


R..DR/DT/DV R..R..D.. [Nm]

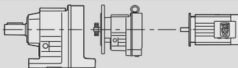
Ma max [Nm]	na [1/min]	i	F1)Ra [N]					m [kg]	
450	0.80	1732	7110	R RF	57 R37 57 R37	DR DR	63S4 63S4	34	246
	0.89	1555	7110					38	246
	0.99	1399	7110						
	1.2	1189	7110						
	1.3	1034	7110						
	1.8	782	7110						
	1.9	678	7110	R RF	57 R37 57 R37	DR DR	63M4 63M4	34	246
	2.2	604	7110					38	246
	2.5	537	7110						
	2.8	471	7110						
	3.6	357	7110	R RF	57 R37 57 R37	DR DR	63L4 63L4	35	246
	4.1	319	7110					38	246
	5.1	273	7110	R RF	57 R37 57 R37	DT DT	71D4 71D4	36	246
	5.7	241	7560					39	246
600	0.09	15361	7560	R RF	67 R37 67 R37	DR DR	63S4 63S4	41	246
	0.11	12931	7560					44	246
	0.12	11996	7560						
	0.14	10097	7560						
	0.15	9066	7560						
	0.18	7816	7560						
	0.20	6732	7560						
	0.23	5970	7560						
	0.26	5268	7560						
	0.29	4680	7560						
	0.33	4136	7560						
	0.39	3566	7560						
	0.44	3125	7560						
	0.50	2745	7560						
	0.57	2403	7560						
	0.51	2682	7560	R RF	67 R37 67 R37	DR DR	63S4 63S4	40	246
	0.56	2460	7560					43	246
	0.66	2094	7560						
	0.76	1805	7560						
	0.85	1629	7560						
	0.94	1471	7560						
	1.0	1379	7560						
	1.8	730	7560					40	246
	2.3	571	7560					43	246
	2.7	486	7560					41	246
	0.84	1652	7560	R RF	67 R37 67 R37	DR DR	63M4 63M4	41	246
	0.96	1432	7560					44	246
	1.1	1259	7560						
	1.2	1106	7560						
	1.6	836	7560						
	1.8	750	7560						
	2.0	646	7560	R RF	67 R37 67 R37	DR DR	63L4 63L4	41	246
	2.3	574	7560					44	246
	2.6	495	7560						
	3.0	438	7560						
	3.4	388	7560	R RF	67 R37 67 R37	DT DT	71D4 71D4	42	246
	4.0	344	7560					46	246
	4.7	294	7560						

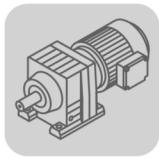


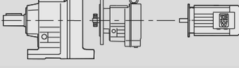
Ma max [Nm]	na [1/min]	i	F1)Ra [N]					m [kg]	
820	0.08	16370	9920	R RF	77 R37 77 R37	DR DR	63S4 63S4	46	246
	0.09	15015	9920					52	246
	0.10	13885	9920						
	0.11	12783	9920						
	0.13	11021	9920						
	0.14	9788	9920						
	0.16	8714	9920						
	0.18	7617	9920						
	0.20	6770	9920						
	0.24	5838	9920						
	0.27	5184	9920						
	0.31	4470	9920						
	0.35	3999	9920						
	0.40	3488	9920						
	0.45	3053	9920						
	0.52	2671	9920						
	0.44	3151	9920	R RF	77 R37 77 R37	DR DR	63S4 63S4	45	246
	0.48	2890	9920					51	246
	0.56	2460	9920						
	0.65	2121	9920						
	0.70	1977	9920						
	0.80	1728	9920						
	0.85	1620	9920						
	0.97	1430	9920						
	1.1	1303	9920						
	1.2	1124	9920						
	1.3	1047	9920	R RF	77 R37 77 R37	DR DR	63M4 63M4	45	246
	1.4	915	9920					51	246
	1.5	858	9920						
	1.7	757	9920						
	1.9	671	9920						
	2.3	571	9920						
	2.3	560		R RF	77 R37 77 R37	DR DR	63L4 63L4 63L4	46	246
								52	246
								47	246
				R RF	77 R37 77 R37	DR DR	63L4 63L4 63L4	53	246
	2.8	488	9920						
	3.2	436	9920						
	3.7	373	9920	R RF	77 R37 77 R37	DT DT	71D4 71D4	48	246
	4.2	327	9920					54	246
	4.7	289	9920						
	5.2	260	9920						
	0.08	17452	16900						
	0.09	15310	16900						
	0.10	13813	16900	R RF	87 R57 87 R57	DR DR	63S4 63S4	86	246
	0.11	12025	16900					93	246
	0.13	10549	16900						
	0.15	9244	16900						
	0.17	8109	16900						
	0.20	7038	16900						
	0.22	6174	16900						
	0.25	5449	16900						
	0.29	4831	16900						
	0.33	4206	16900						
	0.37	3744	16900						
	0.43	3233	16900						
	0.48	2873	16900						
	0.67	1961	16900						
	0.34	4020	16900	R RF	87 R57 87 R57	DR DR	63M4 63M4	86	246
	0.43	3182	16900					93	246
	0.50	2770	16900						
	0.53	2595	16900						
	0.62	2129	16900	R RF	87 R57 87 R57	DR DR	63M4 63M4	85	246
	0.68	1930	16900					92	246
	0.76	1733	16900						
	0.89	1489	16900						

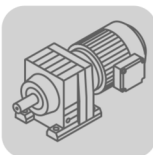


R..DR/DT/DV R..R..D.. [Nm]

Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]		
1550	0.93	1395	16900							
	1.1	1232	16900	R	87 R57	DR	63L4	85	246	
	1.1	1145	16900	RF	87 R57	DR	63L4	93	246	
	1.2	1037	16900							
	1.7	802	16900	R	87 R57	DT	71D4	87	246	
	1.8	754	16900	RF	87 R57	DT	71D4	94	246	
	0.76	1737	16900	R	87 R57	DR	63M4	85	246	
	0.87	1524	16900	RF	87 R57	DR	63M4	92	246	
	1.0	1303	16900	R	87 R57	DR	63L4	86	246	
				RF	87 R57	DR	63L4	93	246	
	1.4	1008	16900	R	87 R57	DT	80K4	89	246	
				RF	87 R57	DT	80K4	97	246	
	1.6	885	16900	R	87 R57	DT	71D4	87	246	
				RF	87 R57	DT	71D4	95	246	
	2.0	685	16900	R	87 R57	DT	80K4	89	246	
	2.3	599	16900	RF	87 R57	DT	80K4	97	246	
	3.5	398	16900	R	87 R57	DT	80N4	90	246	
	3.9	352	16900							
	4.6	305	16900	RF	87 R57	DT	80N4	98	246	
	5.2	268	16900	R	87 R57	DT	90S4	96	246	
	2.5	538	16900	RF	87 R57	DT	90S4	105	246	
	2.9	472	16900	R	87 R57	DT	80K4	88	246	
	3.5	400	16900	RF	87 R57	DT	80K4	95	246	
	3.8	361	16900	R	87 R57	DT	80N4	89	246	
	4.7	300	16900	RF	87 R57	DT	80N4	96	246	
	3000	5.5	2789	16900	R	87 R57	DT	90S4	94	246
		0.06	19332	19800	RF	87 R57	DT	90S4	100	246
		0.07	17230	19800						
0.08		14999	19800							
0.09		13320	19800							
0.10		11156	19800	R	97 R57	DR	63S4	130	246	
0.12		10030	19800	RF	97 R57	DR	63S4	145	246	
0.14		8706	19800							
0.16		7692	19800							
0.18		6708	19800							
0.21		5931	19800							
0.23		5161	19800							
0.27		4004	19800	R	97 R57	DR	63M4	130	246	
0.33		3481	19800	RF	97 R57	DR	63M4	145	246	
0.38		4678	19800	R	97 R57	DR	63S4	125	246	
0.29			19800	RF	97 R57	DR	63S4	145	246	
0.31		4309	19800	R	97 R57	DR	63M4	125	246	
0.36		3702	19800	RF	97 R57	DR	63M4	145	246	
0.44		3019	19800							
0.49		2668	19800	R	97 R57	DR	63L4	125	246	
0.58		2245	19800	RF	97 R57	DR	63L4	145	246	
0.64		2016	19800							
0.80		1733	19800	R	97 R57	DT	71D4	130	246	
0.85		1623	19800	RF	97 R57	DT	71D4	145	246	
0.96		1434	19800							
1.1		1207	19800							
1.2		1084	19800	R	97 R57	DT	80K4	130	246	
1.5		934	19800	RF	97 R57	DT	80K4	145	246	
1.6	878	19800								
1.8	755	19800	R	97 R57	DT	80N4	130	246		
			RF	97 R57	DT	80N4	150	246		

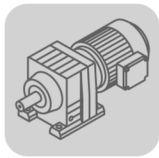


Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]	
3000	0.76	1823	19800						
	0.87	1583	19800	R	97 R57	DT	71D4	130	246
	0.99	1396	19800	RF	97 R57	DT	71D4	145	246
	1.1	1228	19800	R	97 R57	DT	80K4	130	246
	1.3	1069	19800	RF	97 R57	DT	80K4	150	246
	1.4	938	19800	R	97 R57	DT	80N4	135	246
	1.7	824	19800	RF	97 R57	DT	80N4	150	246
	1.9	737	19800	R	97 R57	DT	90S4	140	246
	2.2	632	19800	RF	97 R57	DT	90S4	155	246
	2.5	560	19800	R	97 R57	DT	90S4	140	246
	2.9	484	19800	RF	97 R57	DT	90S4	155	246
	3.3	431	19800	R	97 R57	DT	90L4	140	246
	3.7	379	19800	RF	97 R57	DT	90L4	155	246
	4.2	336	19800	R	97 R57	DV	100M4	145	246
	4.8	296	19800	RF	97 R57	DV	100M4	165	246
	5.7	249	19800	R	97 R57	DT	90S4	135	246
	6.0	234	19800	RF	97 R57	DT	90S4	150	246
	2.2	625	19800	R	97 R57	DV	100M4	145	246
	2.6	549	19800	RF	97 R57	DV	100M4	160	246
	5.2	270	19800	R	97 R57	DT	90S4	150	246
	6.2	227	19800	RF	97 R57	DT	90S4	155	246
			29500	R	97 R57	DV	100M4	145	246
			29500	RF	97 R57	DV	100M4	160	246
4300	0.07	20018	29500						
	0.08	17080	29500						
	0.09	14936	29500						
	0.11	12829	29500	R	107 R77	DR	63S4	200	246
	0.12	11256	29500	RF	107 R77	DR	63S4	210	246
	0.14	9547	29500						
	0.16	8618	29500						
	0.18	7583	29500						
	0.20	6743	29500						
	0.22	5914	29500	R	107 R77	DR	63M4	200	246
	0.26	5168	29500	RF	107 R77	DR	63M4	210	246
	0.30	4435	29500						
	0.33	3896	29500	R	107 R77	DR	63L4	205	246
	0.43	3039	29500	RF	107 R77	DR	63L4	210	246
	0.34	3918	29500	R	107 R77	DR	63M4	195	246
			29500	RF	107 R77	DR	63M4	200	246
	0.39	3343	29500	R	107 R77	DR	63L4	195	246
	0.43	3034	29500	RF	107 R77	DR	63L4	200	246
	0.52	2653	29500	R	107 R77	DT	71D4	195	246
	0.61	2280	29500	RF	107 R77	DT	71D4	205	246
	0.67	2067	29500						
	0.80	1693	29500	R	107 R77	DT	80K4	200	246
	0.88	1550	29500	RF	107 R77	DT	80K4	205	246
	0.97	1407	29500	R	107 R77	DT	80N4	200	246
	1.1	1209	29500	RF	107 R77	DT	80N4	205	246
	1.3	1055	29500	R	107 R77	DT	90S4	205	246
	1.5	919	29500	RF	107 R77	DT	90S4	210	246
	1.7	815	29500	R	107 R77	DT	90L4	205	246
	1.9	717	29500	RF	107 R77	DT	90L4	215	246
	2.2	626	29500	R	107 R77	DT	71D4	200	246
	2.7	528	29500	RF	107 R77	DT	71D4	210	246
	0.69	1987	29500	R	107 R77	DT	71D4	200	246
			29500	RF	107 R77	DT	71D4	210	246

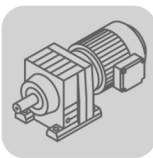


R..DR/DT/DV R..R..D.. [Nm]

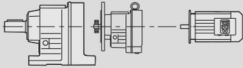
Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]	
4300	0.74	1827	29500						
	0.85	1599	29500	R	107 R77	DT	80K4	205	246
	0.97	1400	29500	RF	107 R77	DT	80K4	210	246
	1.1	1226	29500	R	107 R77	DT	80N4	205	246
	1.2	1104	29500	RF	107 R77	DT	80N4	210	246
	1.5	939	29500	R	107 R77	DT	90S4	210	246
	1.7	822	29500	RF	107 R77	DT	90S4	215	246
	2.3	614	29500	R	107 R77	DT	90L4	210	246
	2.6	544	29500	RF	107 R77	DT	90L4	220	246
	2.9	492	29500						
	3.4	417	29500	R	107 R77	DV	100M4	220	246
	3.8	369	29500	RF	107 R77	DV	100M4	225	246
	4.4	323	29500	R	107 R77	DV	100L4	225	246
	4.9	285	29500	RF	107 R77	DV	100L4	230	246
	5.5	253	29500	R	107 R77	DV	112M4	230	246
	6.6	214	29500	RF	107 R77	DV	112M4	235	246
	7.6	187	29500	R	107 R77	DT	90L4	205	246
	3.0	469	29500	RF	107 R77	DT	90L4	210	246
	3.3	426	29500	R	107 R77	DV	100M4	215	246
	3.7	377	29500	RF	107 R77	DV	100M4	220	246
	4.4	325	29500	R	107 R77	DV	100L4	215	246
	4.9	284	29500	RF	107 R77	DV	100L4	225	246
	5.5	256	29500	R	107 R77	DV	112M4	225	246
	6.5	220	29500	RF	107 R77	DV	112M4	230	246
	7.3	193	29500						
	8.2	172	29500						
8000	0.06	22203	53400						
	0.07	18945	53400	R	137 R77	DR	63S4	290	246
	0.08	16566	53400	RF	137 R77	DR	63S4	310	246
	0.09	14777	53400						
	0.11	12921	53400						
	0.11	11712	53400	R	137 R77	DR	63M4	290	246
	0.12	10573	53400	RF	137 R77	DR	63M4	310	246
	0.15	8784	53400						
	0.17	7479	53400	R	137 R77	DR	63L4	290	246
	0.20	6559	53400	RF	137 R77	DR	63L4	310	246
	0.22	5834	53400						
	0.27	5116	53400	R	137 R77	DT	71D4	290	246
	0.31	4464	53400	RF	137 R77	DT	71D4	315	246
	0.35	3928	53400	R	137 R77	DT	80K4	290	246
	0.39	3454	53400	RF	137 R77	DT	80K4	315	246
	0.45	2993	53400	R	137 R77	DT	71D4	280	246
	0.29	4709	53400	RF	137 R77	DT	71D4	305	246
	0.34	4018	53400	R	137 R77	DT	80K4	280	246
	0.39	3514	53400	RF	137 R77	DT	80K4	305	246
	0.41	3338	53400	R	137 R77	DT	80N4	285	246
	0.46	2929	53400	RF	137 R77	DT	80N4	305	246
	0.55	2484	53400	R	137 R77	DT	90S4	290	246
	0.62	2242	53400	RF	137 R77	DT	90S4	310	246
	0.74	1863	53400						
	0.88	1586	53400						
	1.0	1391	53400						
	1.1	1256	53400						

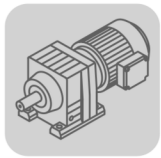


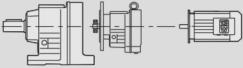
Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]	
8000	1.3	1105	53400						
	1.4	1043	53400	R	137 R77	DT	90L4	290	246
	1.6	888	53400	RF	137 R77	DT	90L4	315	246
	2.0	699	53400	R	137 R77	DV	100M4	295	246
	2.3	609	53400	RF	137 R77	DV	100M4	320	246
	0.51	2658	53400	R	137 R77	DT	80K4	290	246
	0.56	2412	53400	RF	137 R77	DT	80K4	315	246
	0.67	2073	53400	R	137 R77	DT	80N4	295	246
	0.75	1839	53400	RF	137 R77	DT	80N4	315	246
	0.88	1598	53400	R	137 R77	DT	90S4	300	246
	1.0	1397	53400	RF	137 R77	DT	90S4	320	246
	1.1	1226	53400	R	137 R77	DT	90L4	300	246
	1.3	1090	53400	RF	137 R77	DT	90L4	320	246
	1.5	951	53400	R	137 R77	DV	100M4	305	246
	1.7	831	53400	RF	137 R77	DV	100M4	330	246
	1.9	730	53400	R	137 R77	DV	100L4	310	246
	2.2	629	53400	RF	137 R77	DV	100L4	335	246
	2.5	560	53400	R	137 R77	DV	112M4	315	246
	2.9	490	53400	RF	137 R77	DV	112M4	340	246
	3.3	428	53400	R	137 R77	DV	132S4	325	246
	3.7	381	53400	RF	137 R77	DV	132S4	345	246
	4.4	323	53400	R	137 R77	DV	100L4	300	246
	4.9	291	53400	RF	137 R77	DV	100L4	325	246
	5.6	255	53400	R	137 R77	DV	112M4	305	246
	2.5	564	53400	RF	137 R77	DV	112M4	330	246
	2.7	517	53400	R	137 R77	DV	132S4	315	246
	3.1	453	53400	RF	137 R77	DV	132S4	335	246
	3.8	376	53400	R	147 R77	DR	63S4	420	246
	4.2	339	53400	RF	147 R77	DR	63S4	430	246
	4.8	297	53400	R	147 R77	DR	63M4	420	246
				RF	147 R77	DR	63M4	430	246
13000	0.06	23401	62700	R	147 R77	DT	71D4	420	246
	0.06	21342	62700	RF	147 R77	DT	71D4	430	246
	0.07	18210	62700	R	147 R77	DT	80K4	425	246
	0.08	15923	62700	RF	147 R77	DT	80K4	430	246
	0.09	14075	62700	R	147 R77	DT	80N4	425	246
	0.11	12344	62700	RF	147 R77	DT	80N4	435	246
	0.12	11143	62700	R	147 R77	DT	90S4	430	246
	0.13	9743	62700	RF	147 R77	DT	90S4	440	246
	0.16	8443	62700	R	147 R77	DT	90L4	430	246
	0.19	7307	62700	RF	147 R77	DT	90L4	440	246
	0.21	6447	62700	R	147 R77	DT	90L4	440	246
	0.24	5568	62700	RF	147 R77	DT	90L4	440	246
	0.28	4926	62700	R	147 R77	DT	90L4	440	246
	0.31	4325	62700	RF	147 R77	DT	90L4	440	246
	0.37	3754	62700	R	147 R77	DT	90L4	440	246
	0.42	3302	62700	RF	147 R77	DT	90L4	440	246
	0.48	2898	62700	R	147 R77	DT	90L4	440	246
	0.55	2555	62700	RF	147 R77	DT	90L4	440	246
	0.63	2211	62700	R	147 R77	DT	90L4	440	246
	0.72	1951	62700	RF	147 R77	DT	90L4	440	246
	0.83	1705	62700	R	147 R77	DT	90L4	440	246
	0.92	1536	62700	RF	147 R77	DT	90L4	440	246

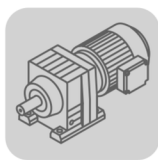


R..DR/DT/DV R..R..D.. [Nm]

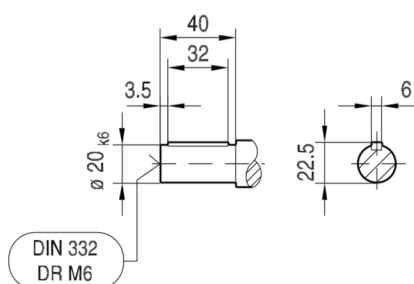
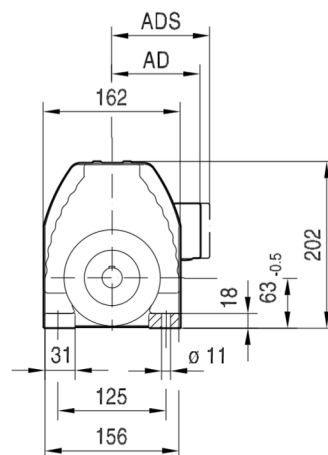
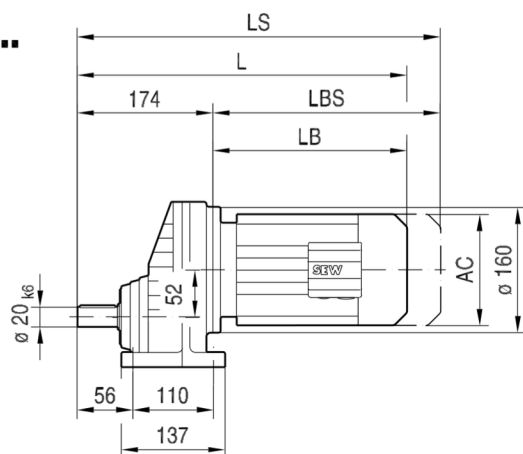
Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]	
13000			62700						
	1.1	1329	62700	R	147 R77	DV	100M4	435	246
	1.2	1166	62700	RF	147 R77	DV	100M4	445	246
	1.4	1029	62700	R	147 R77	DV	100L4	440	246
	1.6	889	62700	RF	147 R77	DV	100L4	450	246
	1.8	784	62700	R	147 R77	DV	112M4	445	246
	2.0	695	62700	RF	147 R77	DV	112M4	455	246
	2.3	619	62700	R	147 R77	DV	132S4	455	246
	2.5	558	62700	RF	147 R77	DV	132S4	465	246
	2.9	489	62700	R	147 R87	DV	112M4	470	246
	2.7	533	62700	RF	147 R87	DV	112M4	475	246
	3.1	462	62700	R	147 R87	DV	132S4	475	246
	3.4	426	62700	RF	147 R87	DV	132S4	480	246
	3.9	368	62700	R	147 R87	DV	132M4	495	246
	4.4	326	62700	RF	147 R87	DV	132M4	500	246
	5.1	280	62700	R	147 R87	DV	132ML4	500	246
	5.8	247	62700	RF	147 R87	DV	132ML4	510	246
	6.7	214	62700	R	147 R87	DV	160M4	510	246
				RF	147 R87	DV	160M4	520	246
	18000	0.05	27001	120000					
0.06		22482	120000						
0.07		20002	120000						
0.08		17361	120000	R	167 R97	DT	80K4	750	246
0.09		15446	120000	RF	167 R97	DT	80K4	760	246
0.10		14051	120000						
0.12		11812	120000						
0.13		10509	120000						
0.14		9631	120000						
0.18		7749	120000	R	167 R97	DT	90S4	760	246
0.20		6894	120000	RF	167 R97	DT	90S4	770	246
0.22		6077	120000	R	167 R97	DT	80K4	750	246
				RF	167 R97	DT	80K4	760	246
0.26		5407	120000	R	167 R97	DT	80N4	750	246
0.30		4650	120000	RF	167 R97	DT	80N4	760	246
0.33		4129	120000	R	167 R97	DT	90S4	760	246
0.38		3692	120000	RF	167 R97	DT	90S4	770	246
0.53		2657	120000	R	167 R97	DT	90L4	760	246
0.60		2333	120000	RF	167 R97	DT	90L4	760	246
0.68		2085	120000						
0.75		1877	120000	R	167 R97	DV	100M4	770	246
0.84		1670	120000	RF	167 R97	DV	100M4	770	246
0.98		1438	120000						
1.1		1279	120000	R	167 R97	DV	100L4	770	246
1.2		1123	120000	RF	167 R97	DV	100L4	780	246
1.4		999	120000						
1.7		861	120000	R	167 R97	DV	112M4	780	246
1.9		760	120000	RF	167 R97	DV	112M4	780	246
2.2		656	120000	R	167 R97	DV	132S4	780	246
2.5		579	120000	RF	167 R97	DV	132S4	790	246
2.8		503	120000	R	167 R97	DV	132M4	800	246
3.3		432	120000	RF	167 R97	DV	132M4	810	246
3.8		376	120000	R	167 R97	DV	132ML4	810	246
4.3		335	120000	RF	167 R97	DV	132ML4	820	246



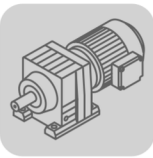
Ma max [Nm]	na [1/min]	i	F _{Ra} ¹⁾ [N]					m [kg]	
18000	4.8	303	120000	R	167 R97	DV	160M4	820	246
	5.2	279	120000	RF	167 R97	DV	160M4	820	246
	4.9	295	120000	R	167 R107	DV	160M4	860	246
	5.3	270	120000	RF	167 R107	DV	160M4	870	246
	6.4	229	120000	R	167 R107	DV	160L4	900	246
	7.3	200	120000	RF	167 R107	DV	160L4	910	246
	7.3	291	120000	R	167 R107	DV	160M4	860	246
	5.0			RF	167 R107	DV	160M4	860	246
	5.5	264	120000	R	167 R107	DV	160L4	900	246
	6.4	227	120000	RF	167 R107	DV	160L4	900	246
	7.4	198	120000						


8.5 R.. [mm]

04 027 02 00

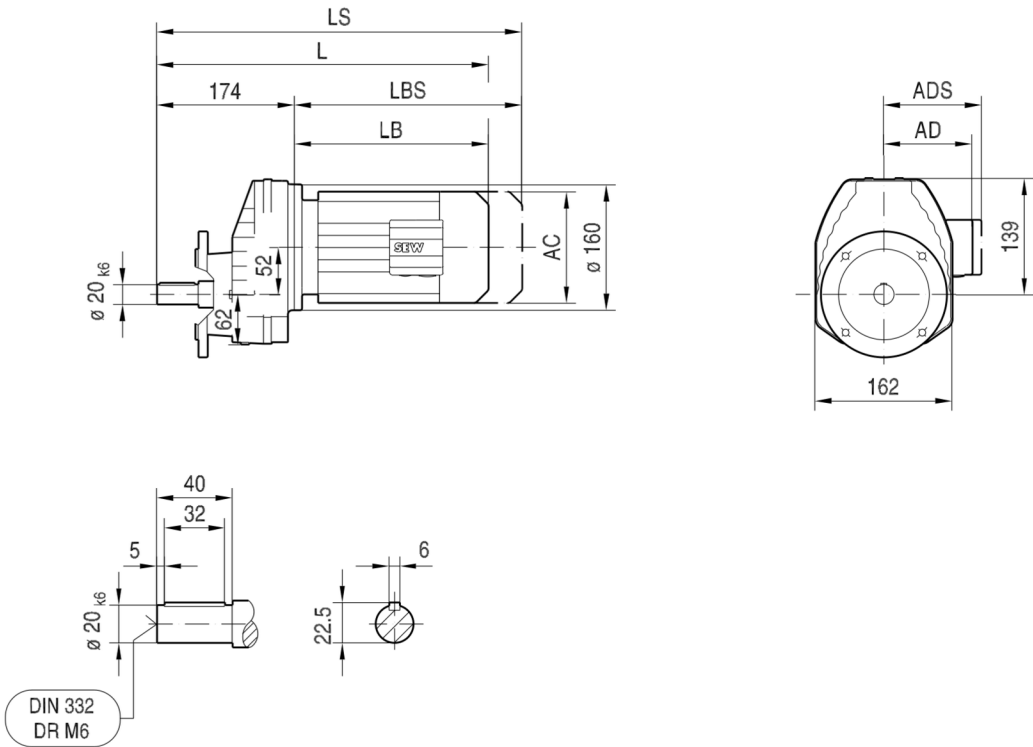
RX57..


(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	359	373	423	443	493	523	528	576			
LB	414	437	487	528	578	608	608	656			
LBS	185	199	249	269	319	349	354	402			
	240	263	313	354	404	434	434	482			

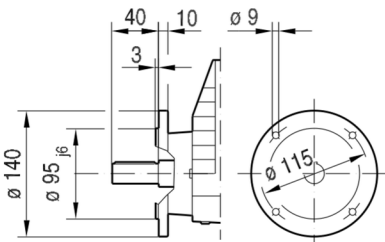


04 033 02 00

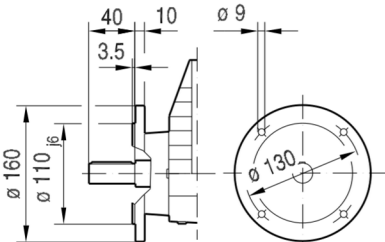
RXF57..



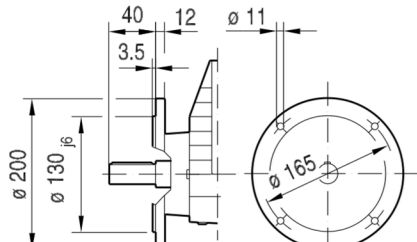
ø 140



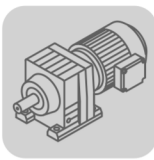
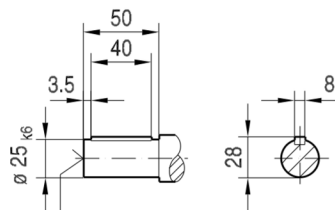
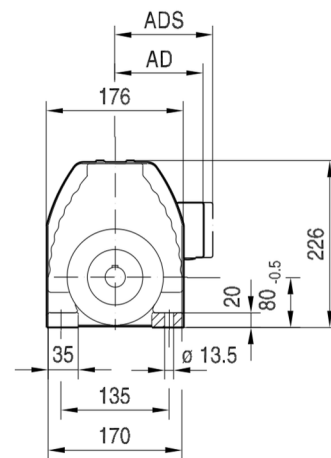
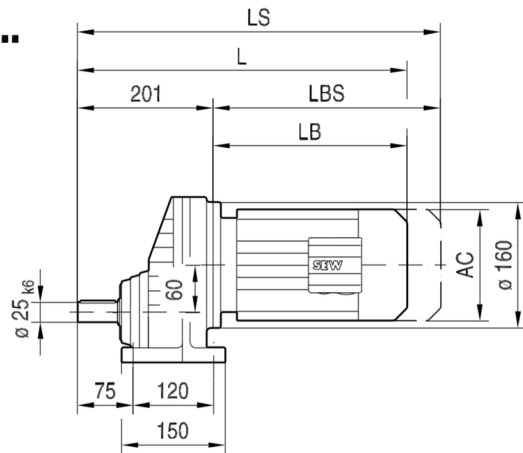
ø 160



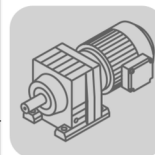
ø 200



(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	359	373	423	443	493	523	528	576			
LB	414	437	487	528	578	608	608	656			
LBS	185	199	249	269	319	349	354	402			
	240	263	313	354	404	434	434	482			

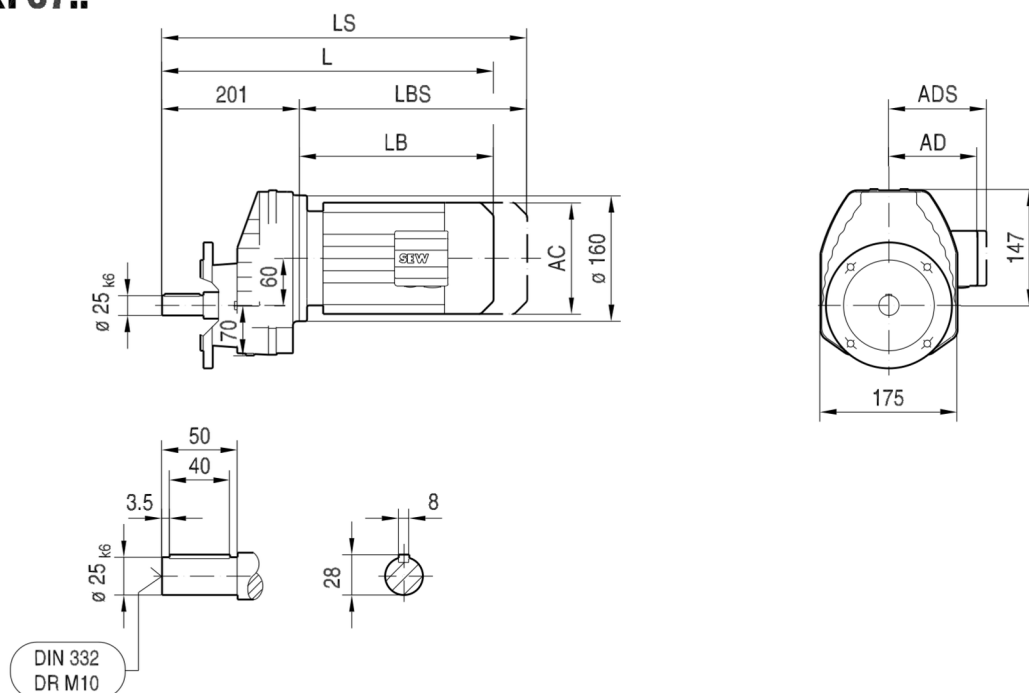
**RX67..**
 DIN 332
 DR M10

(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	386	400	450	470	520	550	555	603	625		
LB	441	464	514	555	605	635	635	683	737		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		

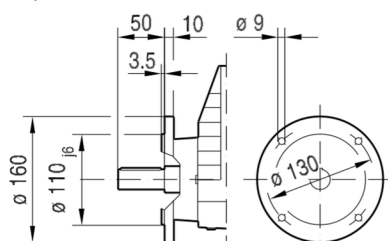


04 034 02 00

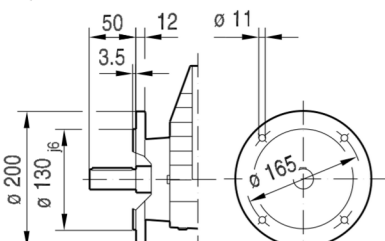
RXF67..



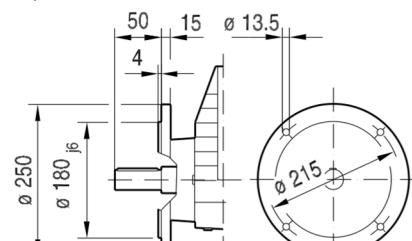
Ø 160



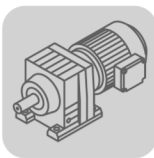
Ø 200



Ø 250



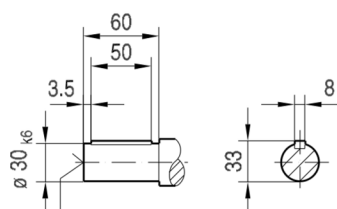
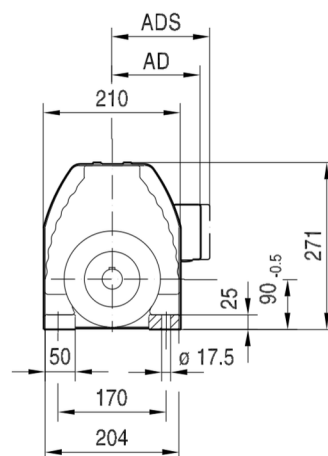
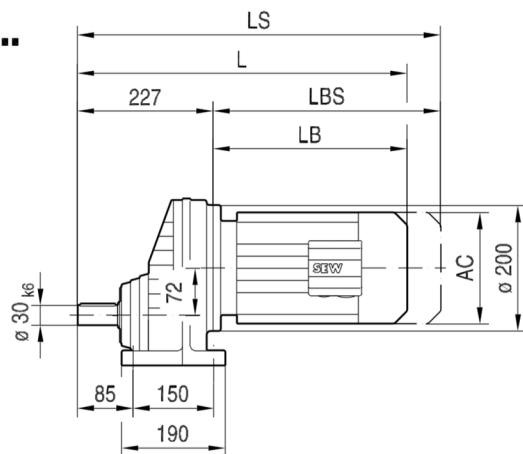
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	386	400	450	470	520	550	555	603	625		
LB	441	464	514	555	605	635	635	683	737		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		



R..DR/DT/DV R.. [mm]

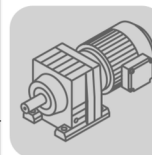
04 029 03 00

RX77..



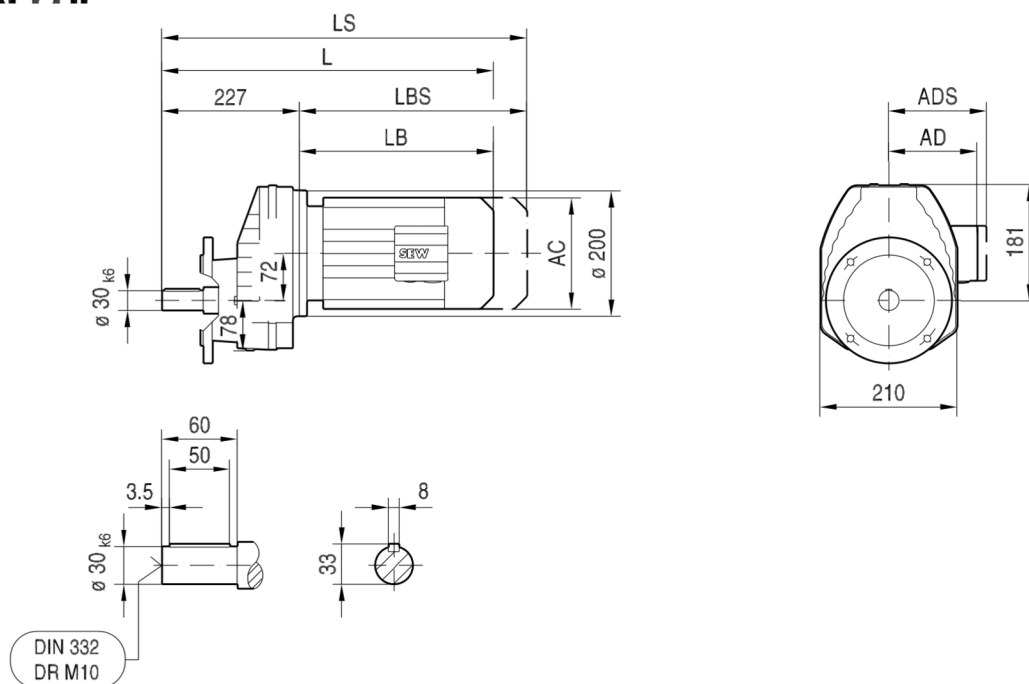
DIN 332
DR M10

(102)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M			
AC	197	197	197	221	221	275	275	275			
AD	154	166	166	179	179	230	230	230			
ADS	161	166	166	182	182	230	230	230			
L LS	488	538	568	572	617	639	699	699			
LB	573	623	653	652	697	751	811	811			
LBS	261	311	341	345	390	412	472	472			
	346	396	426	425	470	524	584	584			

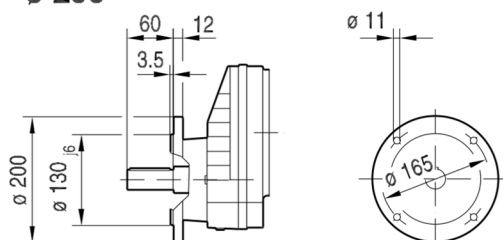


04 035 03 00

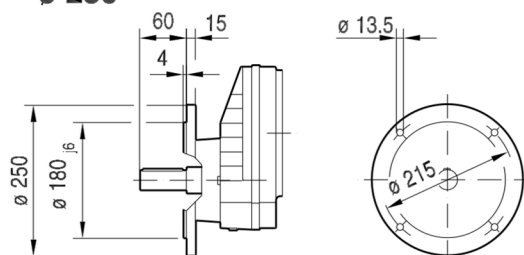
RXF77..



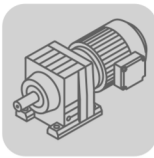
ø 200



ø 250



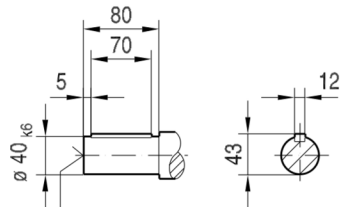
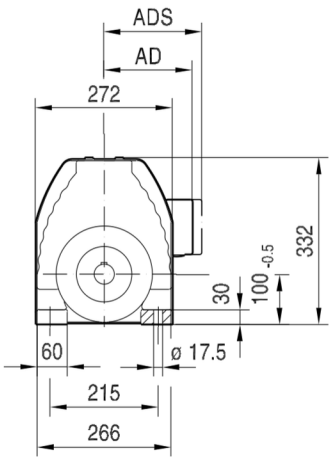
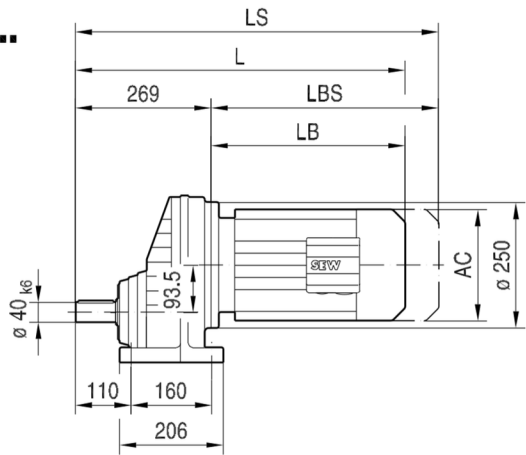
(102)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M			
AC	197	197	197	221	221	275	275	275			
AD	154	166	166	179	179	230	230	230			
ADS	161	166	166	182	182	230	230	230			
L LS	488	538	568	572	617	639	699	699			
LB	573	623	653	652	697	751	811	811			
LBS	261	311	341	345	390	412	472	472			
	346	396	426	425	470	524	584	584			



R..DR/DT/DV
R.. [mm]

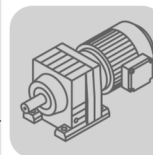
04 030 03 00

RX77..



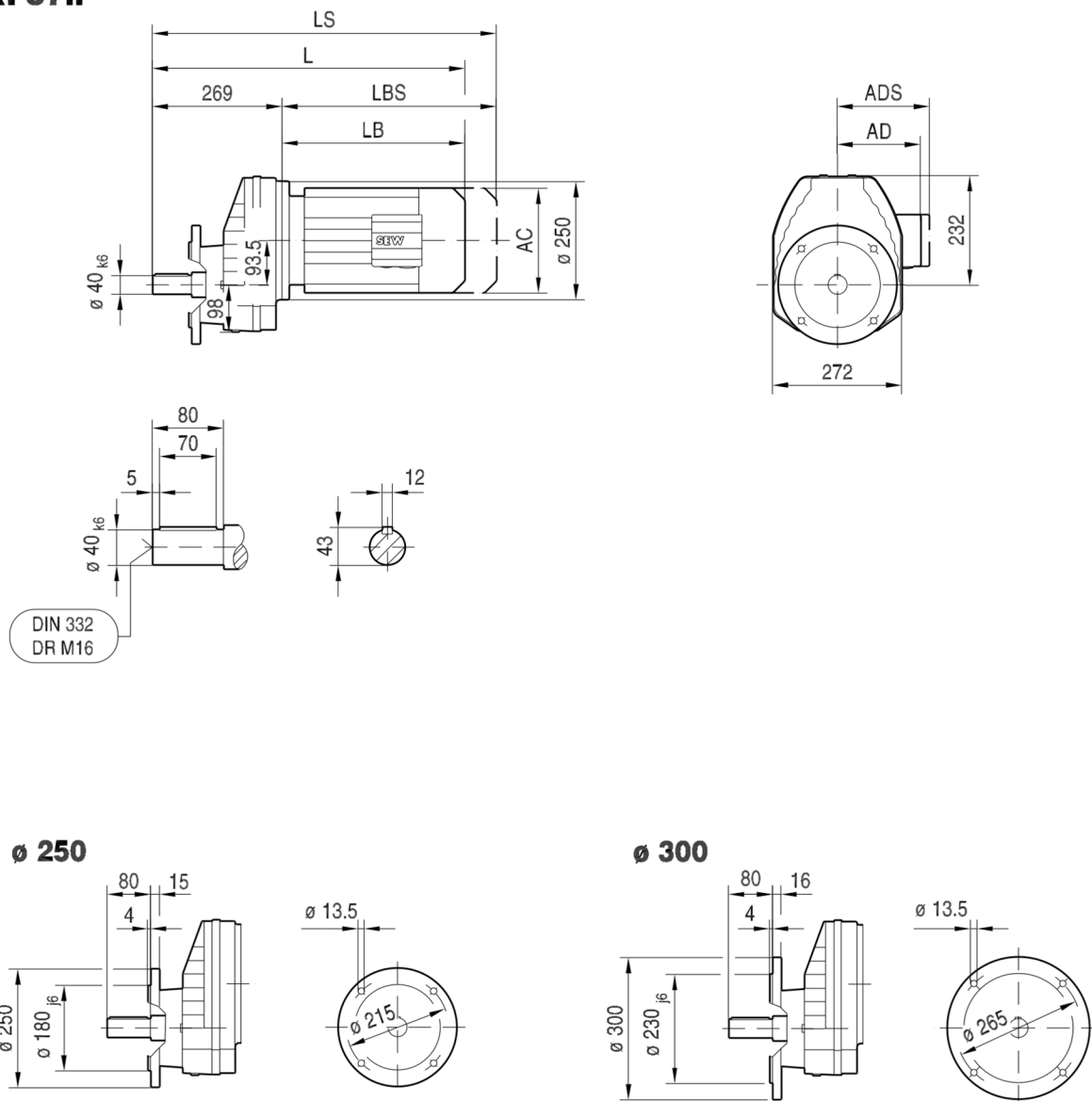
DIN 332
DR M16

(102)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..			
AC	197	221	221	275	275	275	331	331			
AD	166	179	179	230	230	230	258	258			
ADS	166	182	182	230	230	230	258	258			
L LS	606	609	654	676	736	736	783	855			
LB	691	689	734	788	848	848	939	1011			
LBS	337	340	385	407	467	467	514	586			
	422	420	465	519	579	579	670	742			

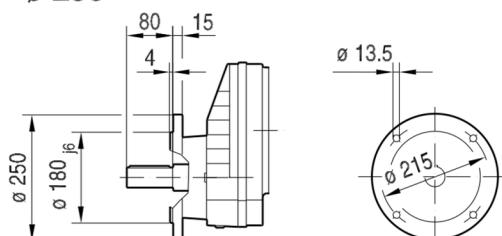


04 036 03 00

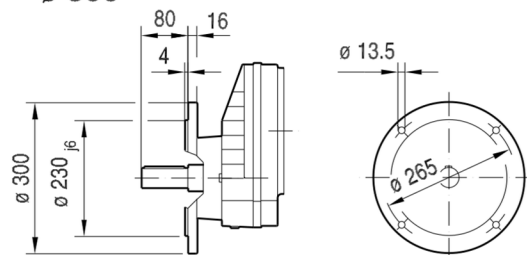
RXF87..



ø 250

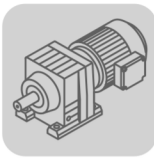


ø 300



84
15

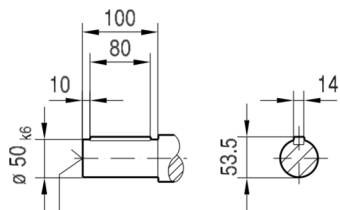
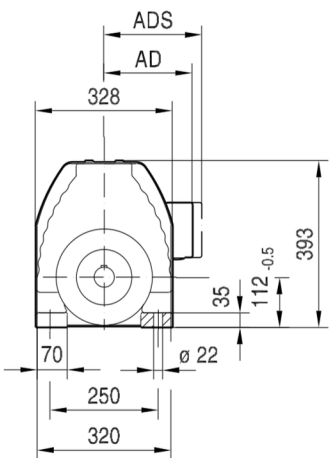
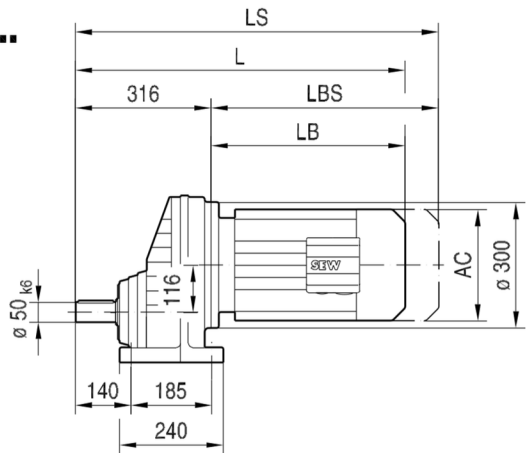
(102)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..			
AC	197	221	221	275	275	275	331	331			
AD	166	179	179	230	230	230	258	258			
ADS	166	182	182	230	230	230	258	258			
L LS	606	609	654	676	736	736	783	855			
LB	691	689	734	788	848	848	939	1011			
LBS	337	340	385	407	467	467	514	586			
	422	420	465	519	579	579	670	742			



R..DR/DT/DV
R.. [mm]

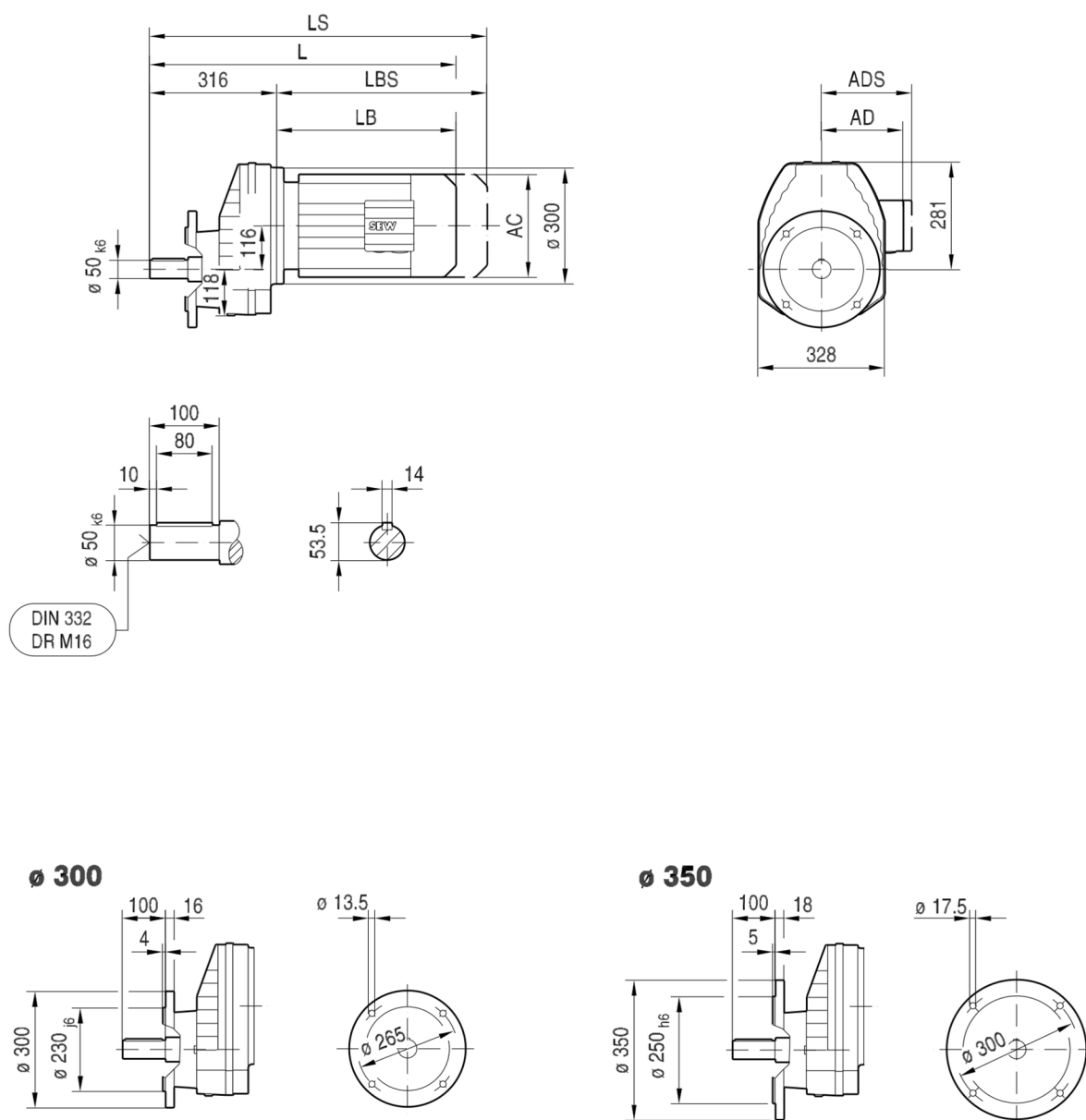
04 031 03 00

RX97..

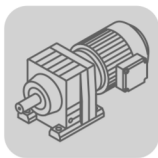


DIN 332
DR M16

(102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..				
AC	221	275	275	275	331	331	394				
AD	179	230	230	230	258	258	285				
ADS	182	230	230	230	258	258	285				
L LS	696	718	778	778	825	897	945				
LB	776	830	890	890	981	1053	1101				
LBS	380	402	462	462	509	581	629				
	460	514	574	574	665	737	785				

RXF97..

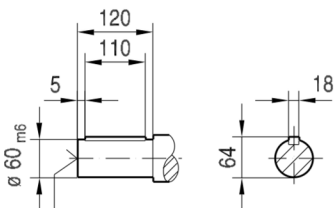
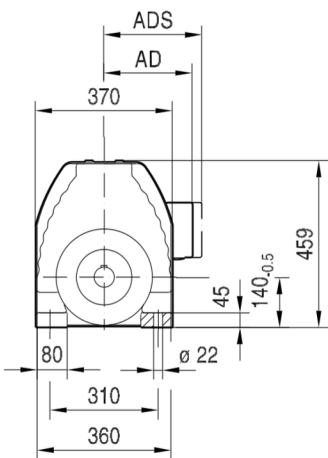
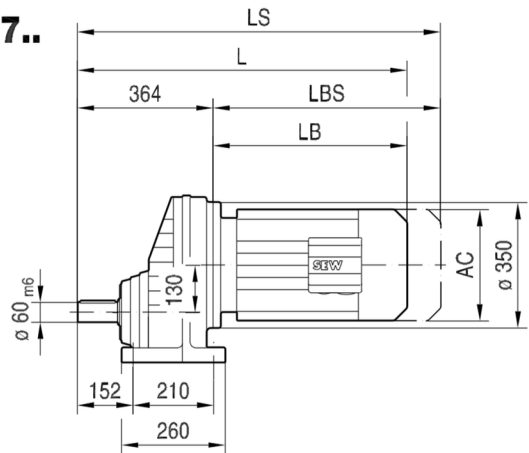
( 102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..			
AC	221	275	275	275	331	331	394			
AD	179	230	230	230	258	258	285			
ADS	182	230	230	230	258	258	285			
L LS	696	718	778	778	825	897	945			
LB	776	830	890	890	981	1053	1101			
LBS	380	402	462	462	509	581	629			
	460	514	574	574	665	737	785			



R..DR/DT/DV
R.. [mm]

04 032 03 00

RX107..

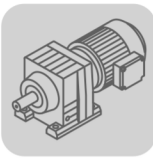


DIN 332
DR M20

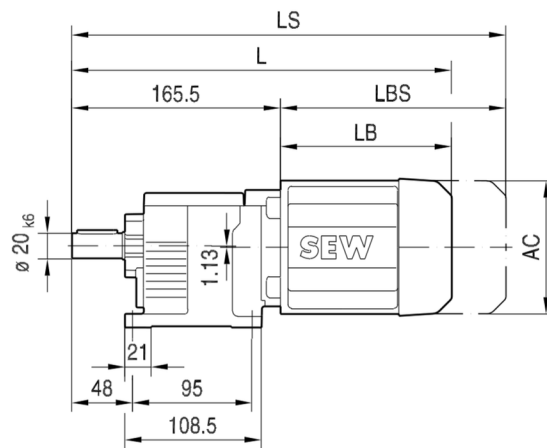
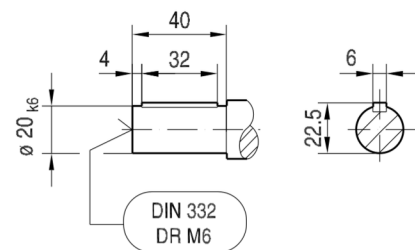
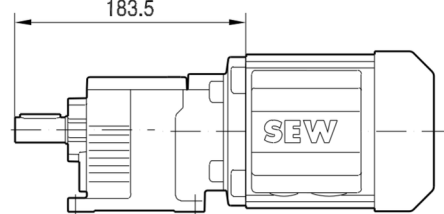
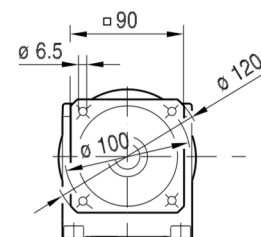
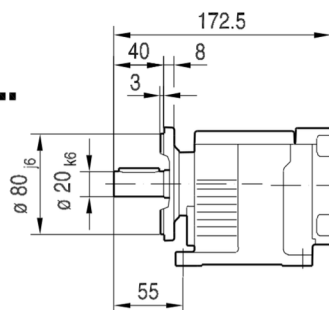
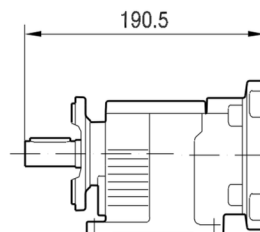
(102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..			
AC	221	275	275	275	331	331	394	394			
AD	179	230	230	230	258	258	285	289			
ADS	182	230	230	230	258	258	285	289			
L LS	738	760	820	820	867	939	987	1069			
LB	818	872	932	932	1023	1095	1143	1225			
LBS	374	396	456	456	503	575	623	705			
	454	508	568	568	659	731	779	861			

RXF107..

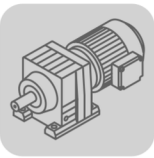
– **GM2004**



04 002 01 02

R07..**DT56..****DR/DT..****R07F..****DT56..****DR/DT..**

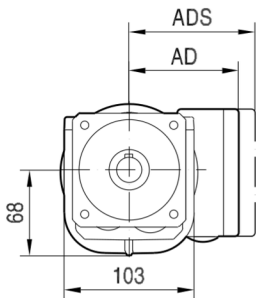
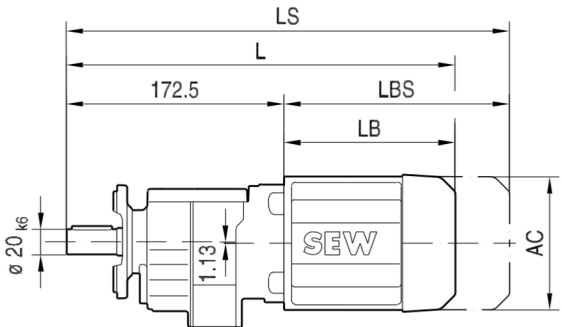
(102)	DT56..	DR63..	DT71D							
AC	109	132	145							
AD	87	105	122							
ADS	87	105	127							
L LS	302	333	347							
LB	338	388	411							
LBS	136	149	164							
	172	204	227							



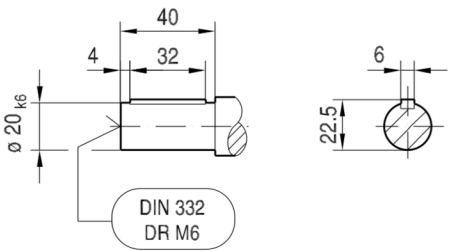
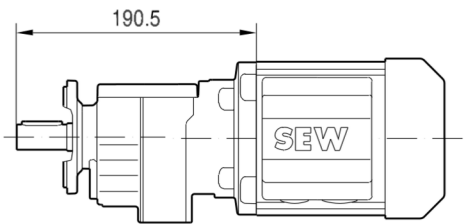
04 003 01 02

RF07..

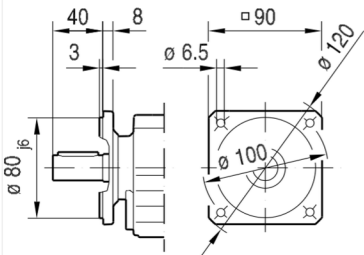
DT56..



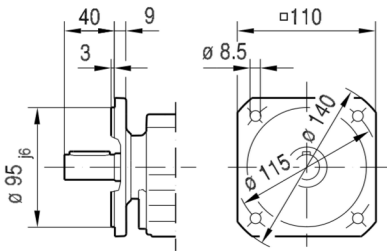
DR/DT..



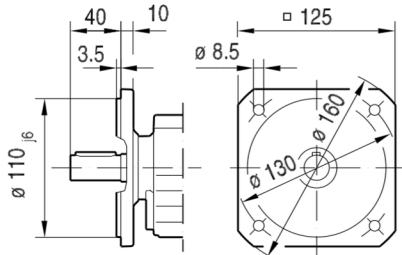
ø 120



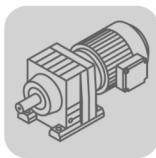
ø 140



ø 160



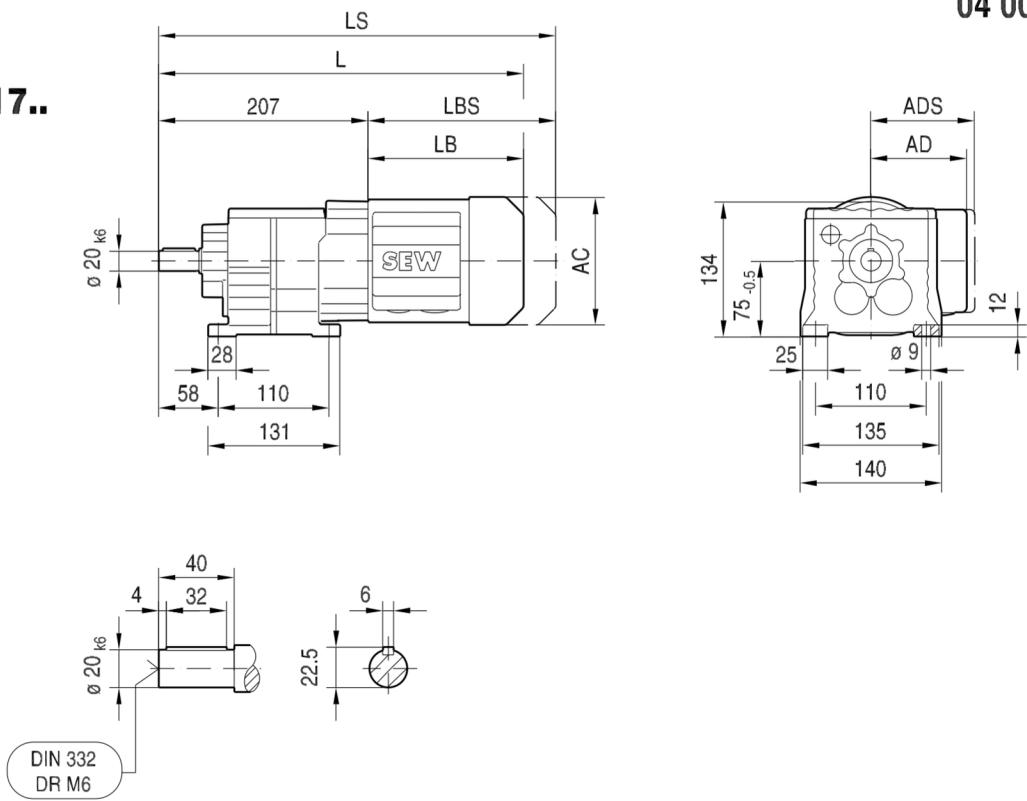
(102)	DT56..	DR63..	DT71D							
AC	109	132	145							
AD	87	105	122							
ADS	87	105	127							
L LS	309	340	354							
LB	345	395	418							
LBS	136	149	164							
	172	204	227							



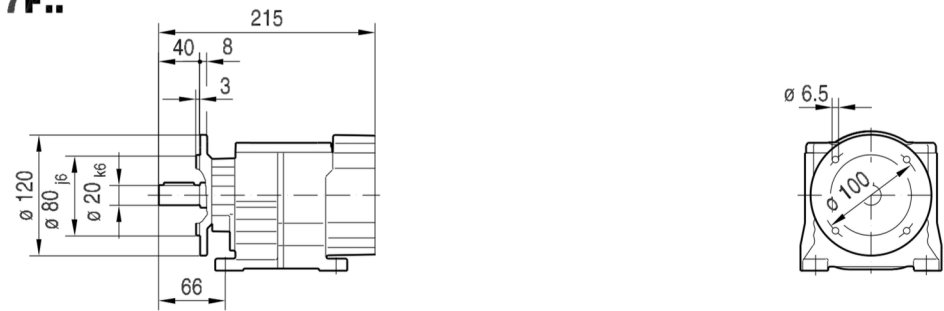
R..DR/DT/DV
R.. [mm]

04 001 03 00

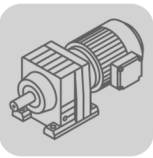
R17..



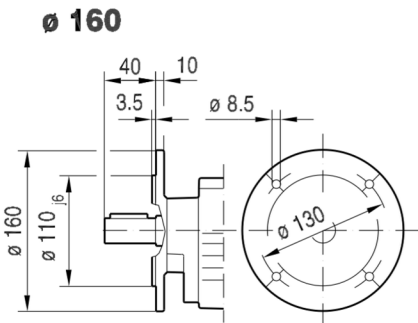
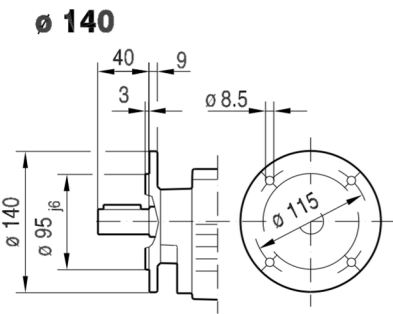
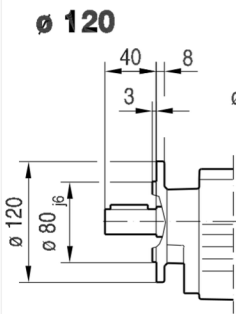
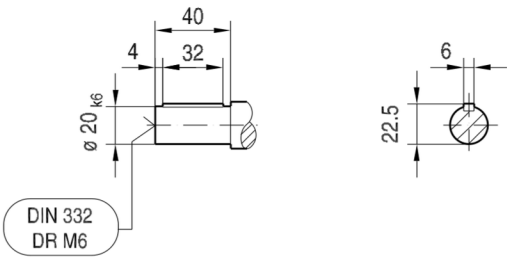
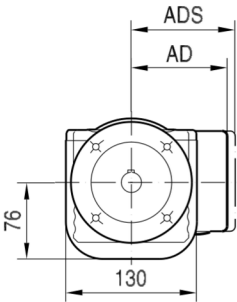
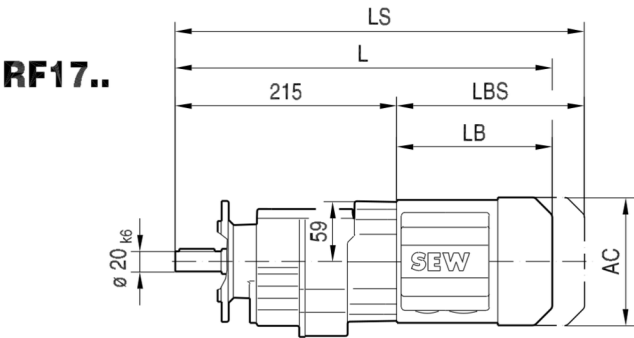
R17F..



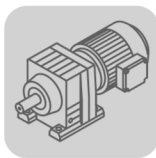
(102)	DR63..	DT71D	DT80..								
AC	132	145	145								
AD	105	122	122								
ADS	105	127	127								
L LS	356	371	421								
LB	411	434	484								
LBS	149	164	214								
	204	227	277								



04 014 03 00



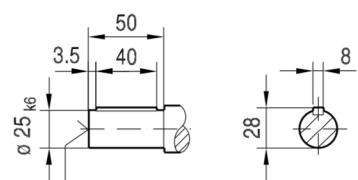
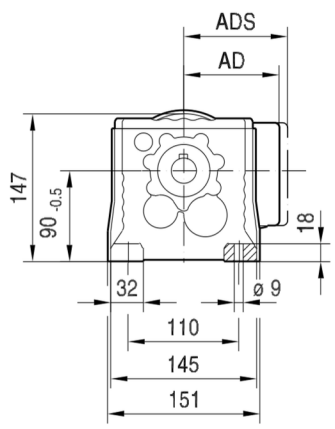
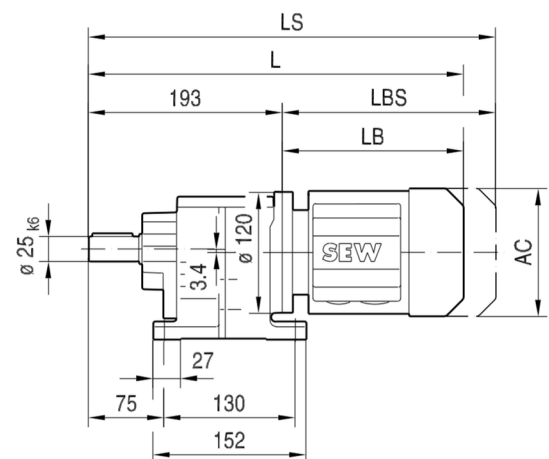
(102)	DR63..	DT71D	DT80..							
AC	132	145	145							
AD	105	122	122							
ADS	105	127	127							
L LS	364	379	429							
LB	419	442	492							
LBS	149	164	214							
	204	227	277							



R..DR/DT/DV
R.. [mm]

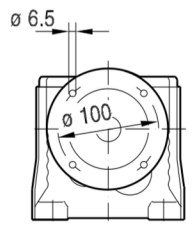
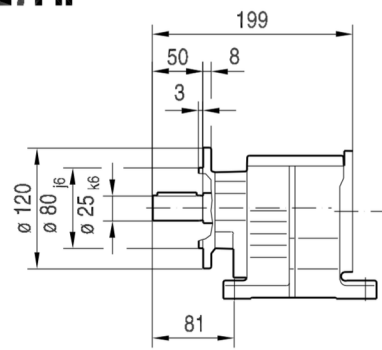
04 002 03 00

R27..

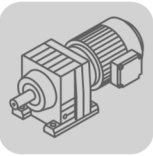


DIN 332
DR M10

R27F..

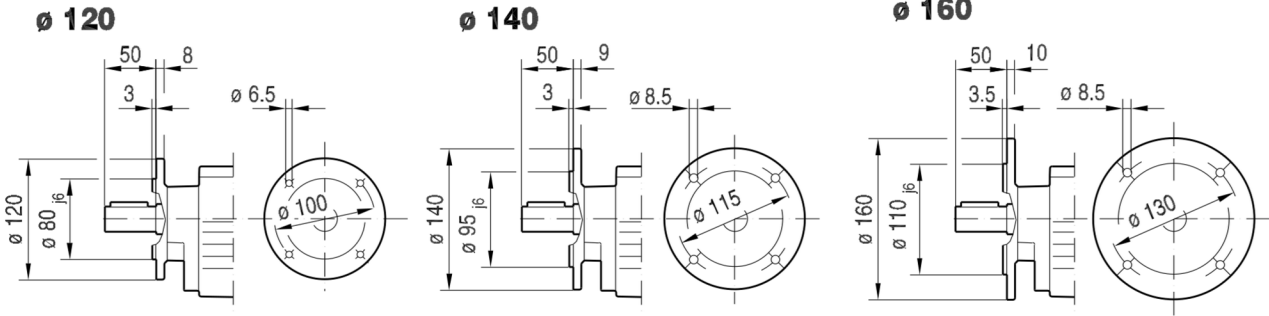
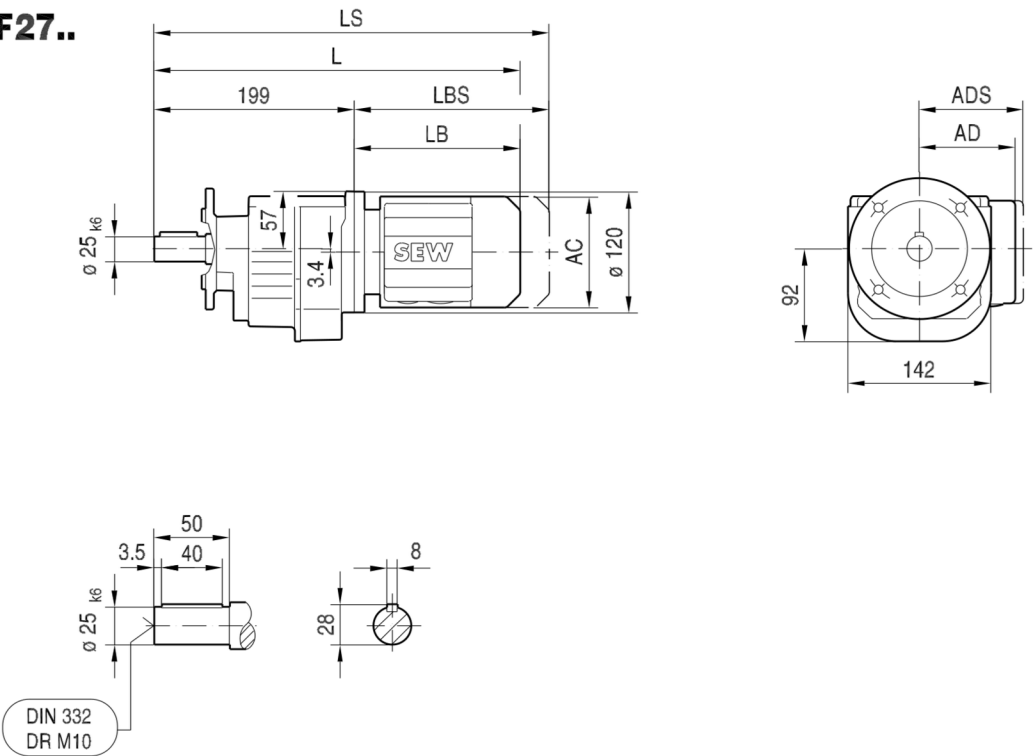


(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L LS	384	399	449	469	521	551					
LB	439	462	512	554	606	636					
LBS	191	206	256	276	328	358					
	246	269	319	361	413	443					

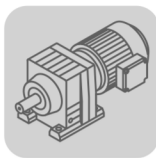


04 015 03 00

RF27..



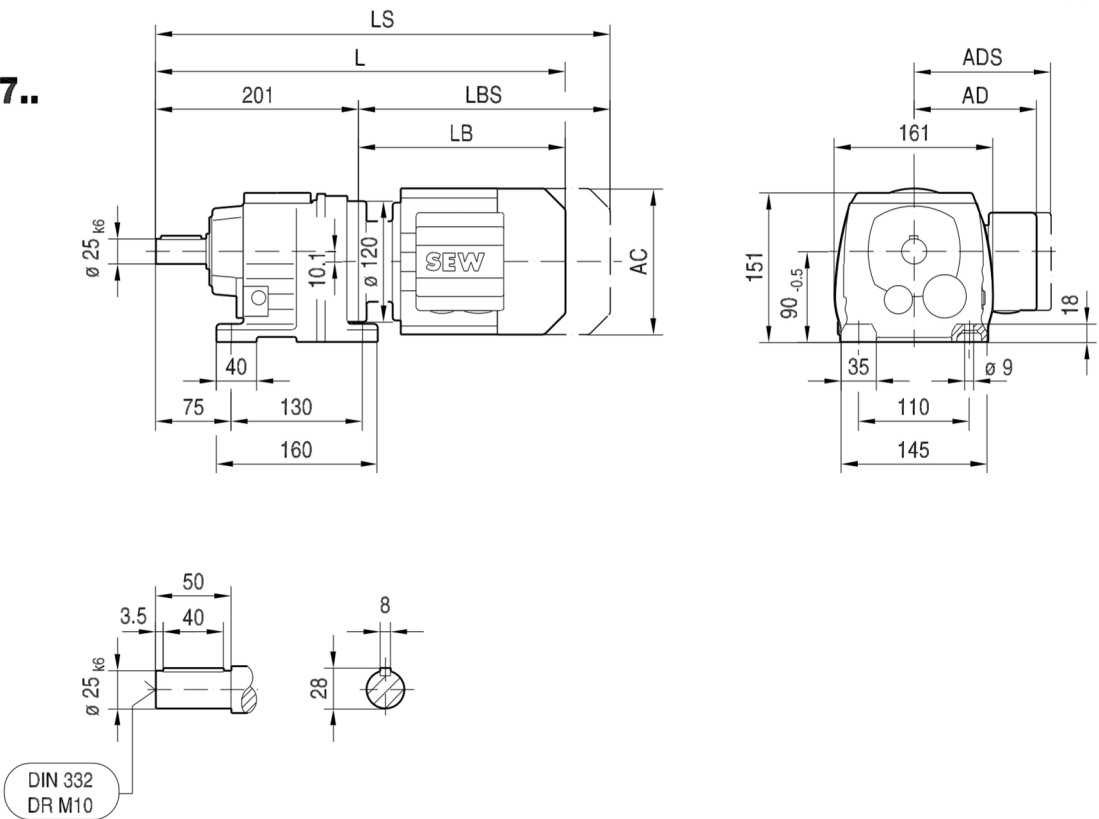
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L LS	390	405	455	475	527	557					
LB	445	468	518	560	612	642					
LBS	191	206	256	276	328	358					
	246	269	319	361	413	443					



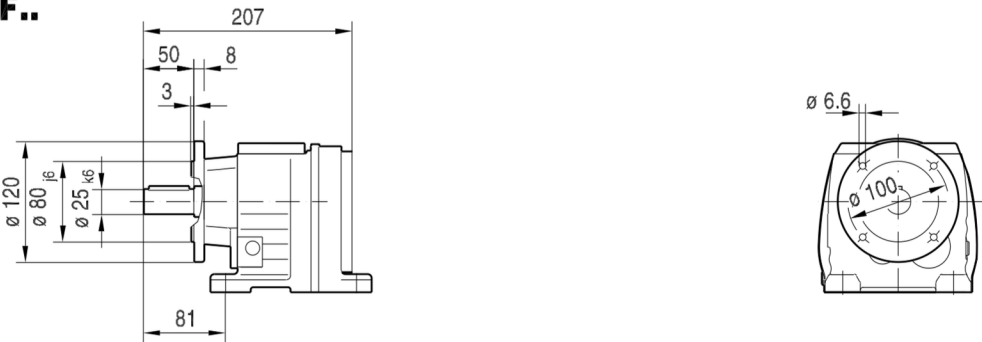
R..DR/DT/DV
R.. [mm]

04 003 03 00

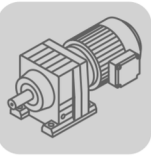
R37..



R37F..

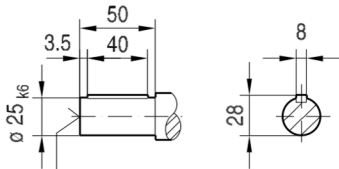
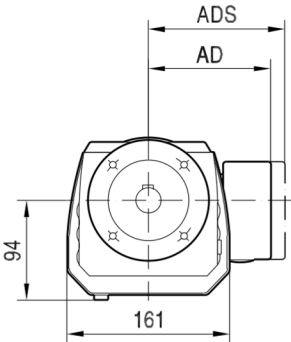
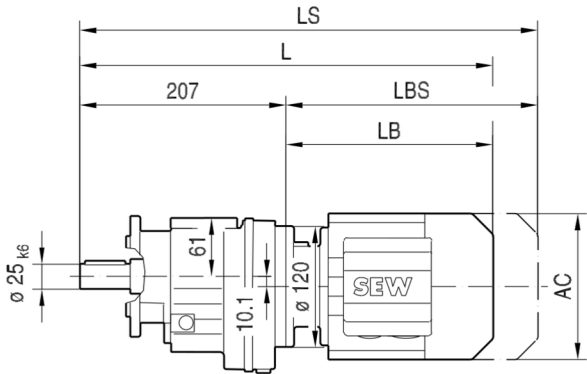


(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L LS	392	407	457	477	529	559					
LB	447	470	520	562	614	644					
LBS	191	206	256	276	328	358					
	246	269	319	361	413	443					



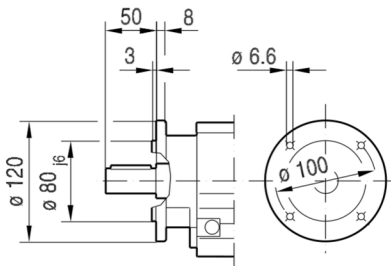
RF37..

04 016 03 00

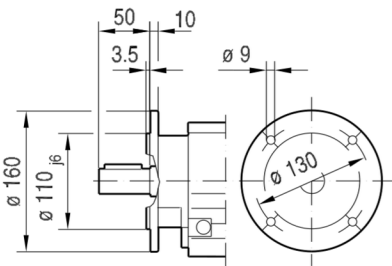


DIN 332
DR M10

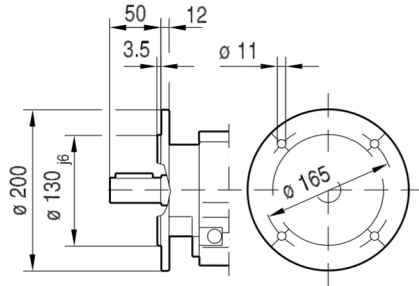
ø 120



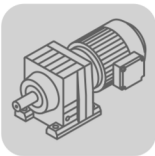
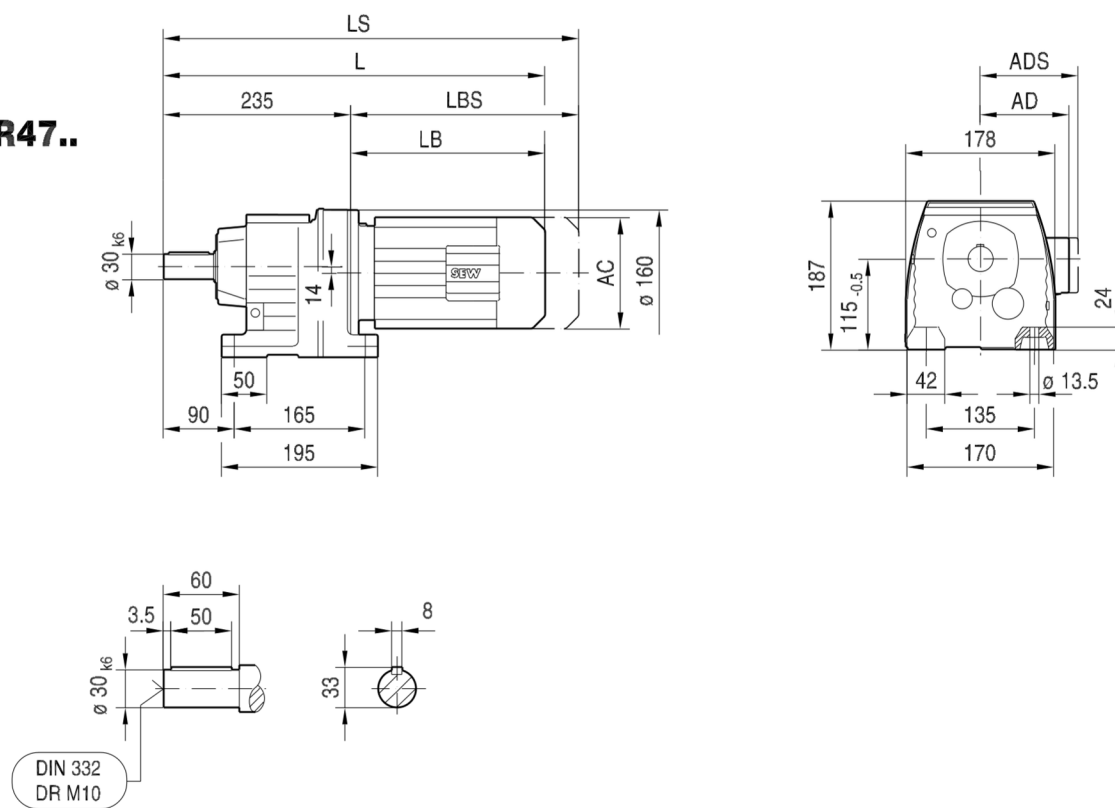
ø 160



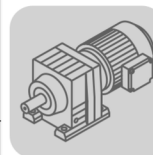
ø 200



(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	398	413	463	483	535	565					
LB	453	476	526	568	620	650					
LBS	191	206	256	276	328	358					
	246	269	319	361	413	443					

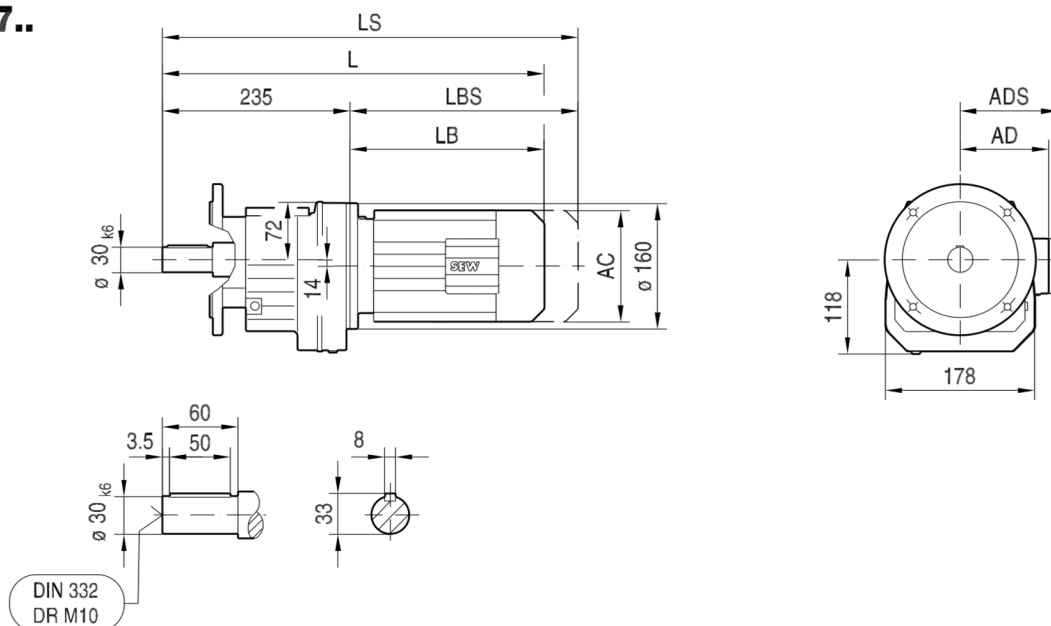
**R47..****R47F..**

(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	420	434	484	504	554	584	589	637			
LB	475	498	548	589	639	669	669	717			
LBS	185	199	249	269	319	349	354	402			
	240	263	313	354	404	434	434	482			

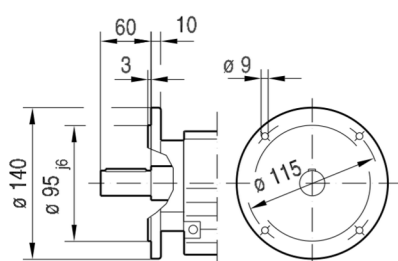


04 017 03 00

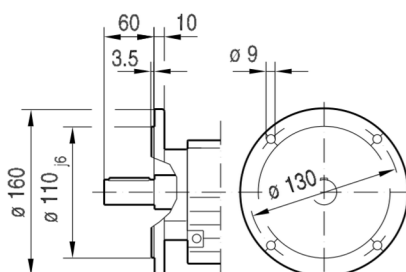
RF47..



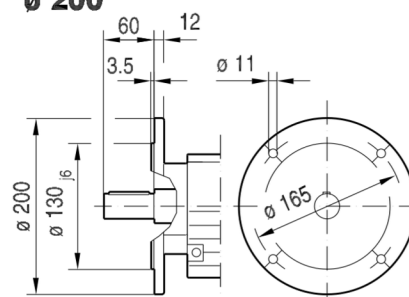
$\varnothing 140$



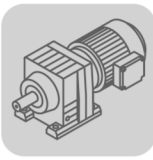
$\varnothing 160$



$\varnothing 200$



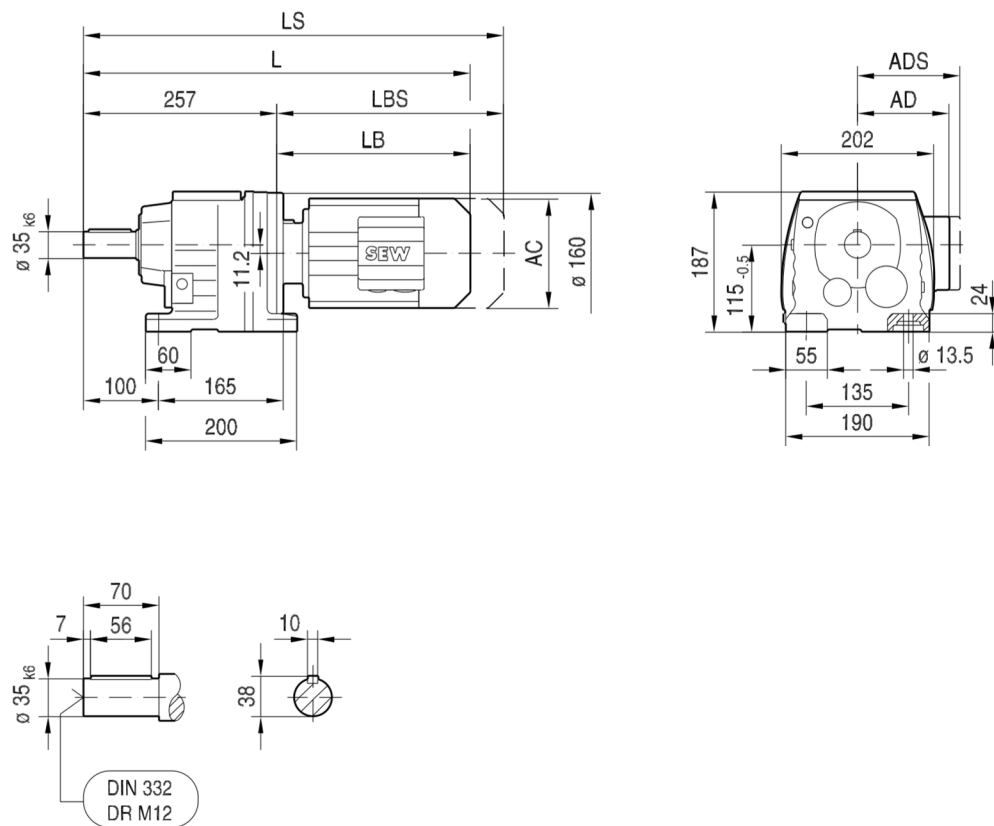
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L LS	420	434	484	504	554	584	589	637			
LB	475	498	548	589	639	669	669	717			
LBS	185	199	249	269	319	349	354	402			
	240	263	313	354	404	434	434	482			



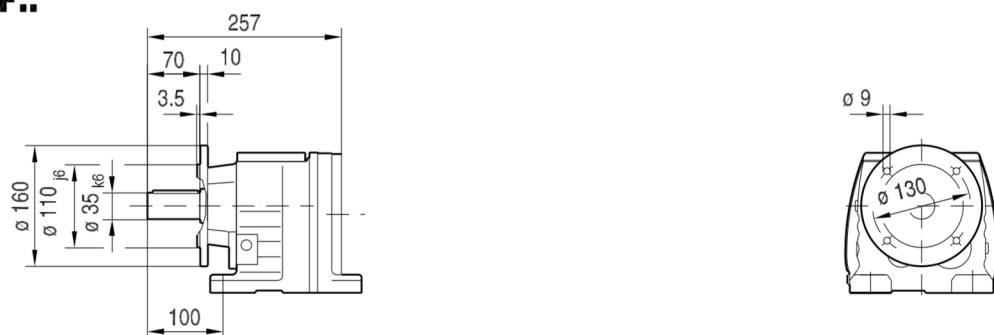
R..DR/DT/DV
R.. [mm]

04 005 02 00

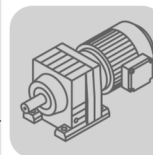
R57..



R57F..

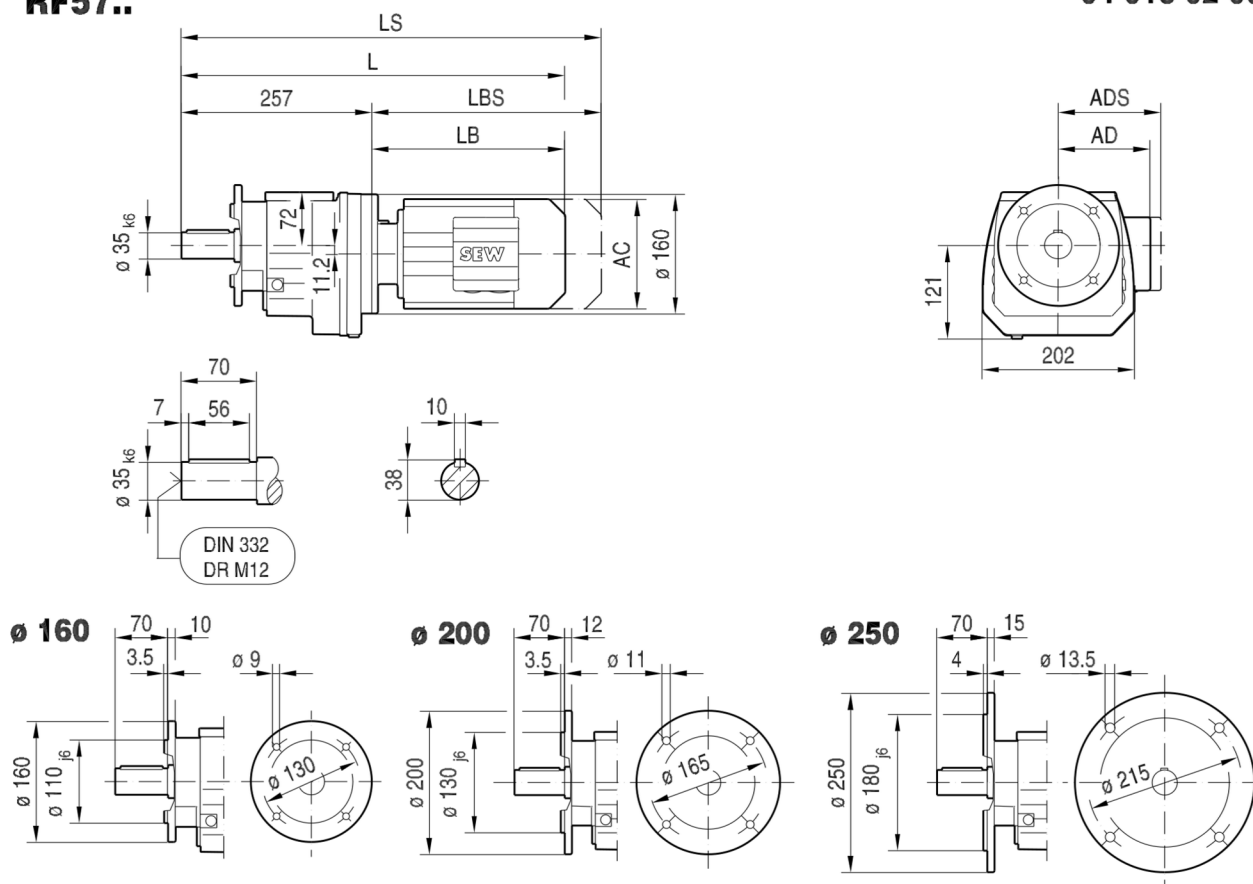


(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	442	456	506	526	576	606	611	659	681		
LB	497	520	570	611	661	691	691	739	793		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		

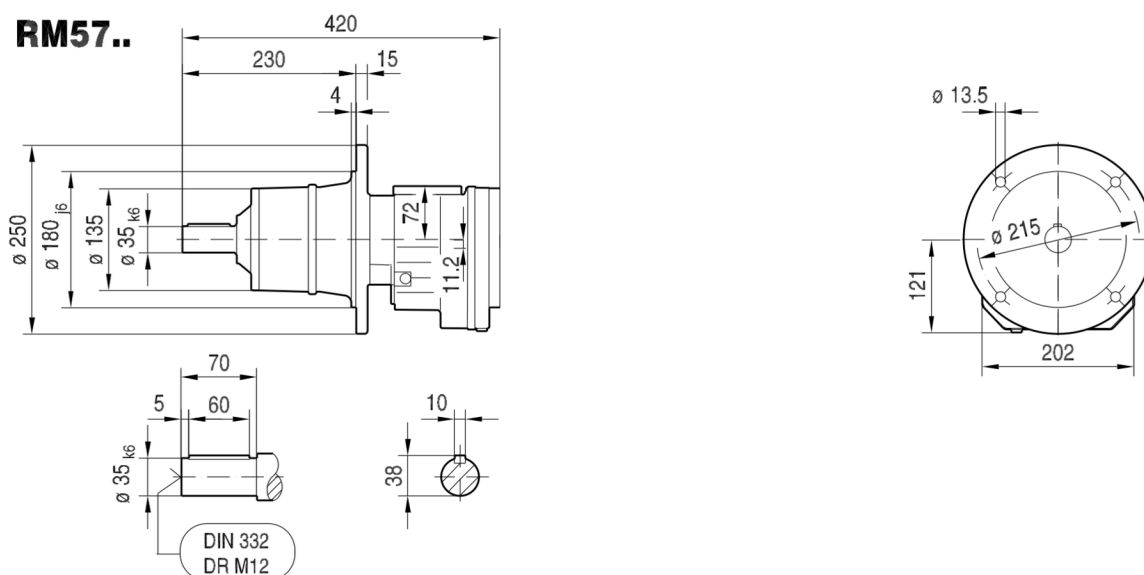


RF57..

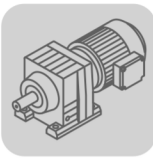
04 018 02 00



RM57..



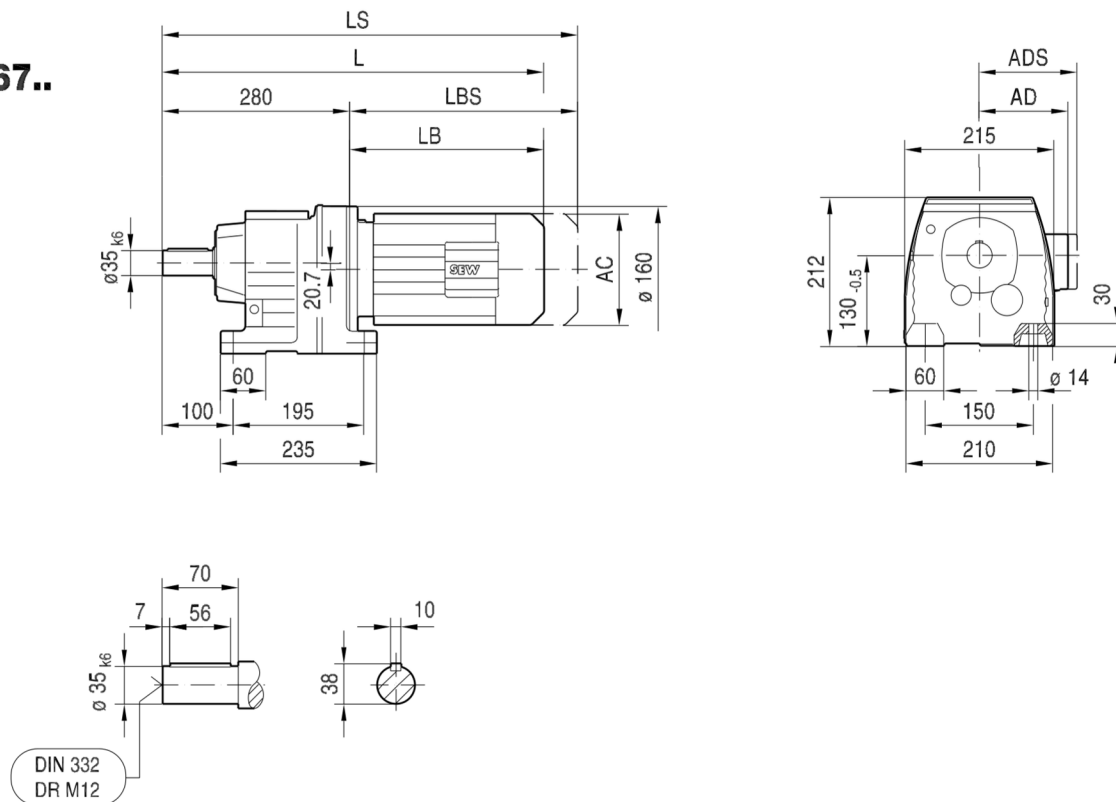
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	442	456	506	526	576	606	611	659	681		
LB	497	520	570	611	661	691	691	739	793		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		



R..DR/DT/DV
R.. [mm]

04 006 02 00

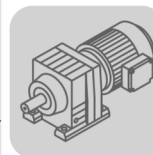
R67..



R67F..

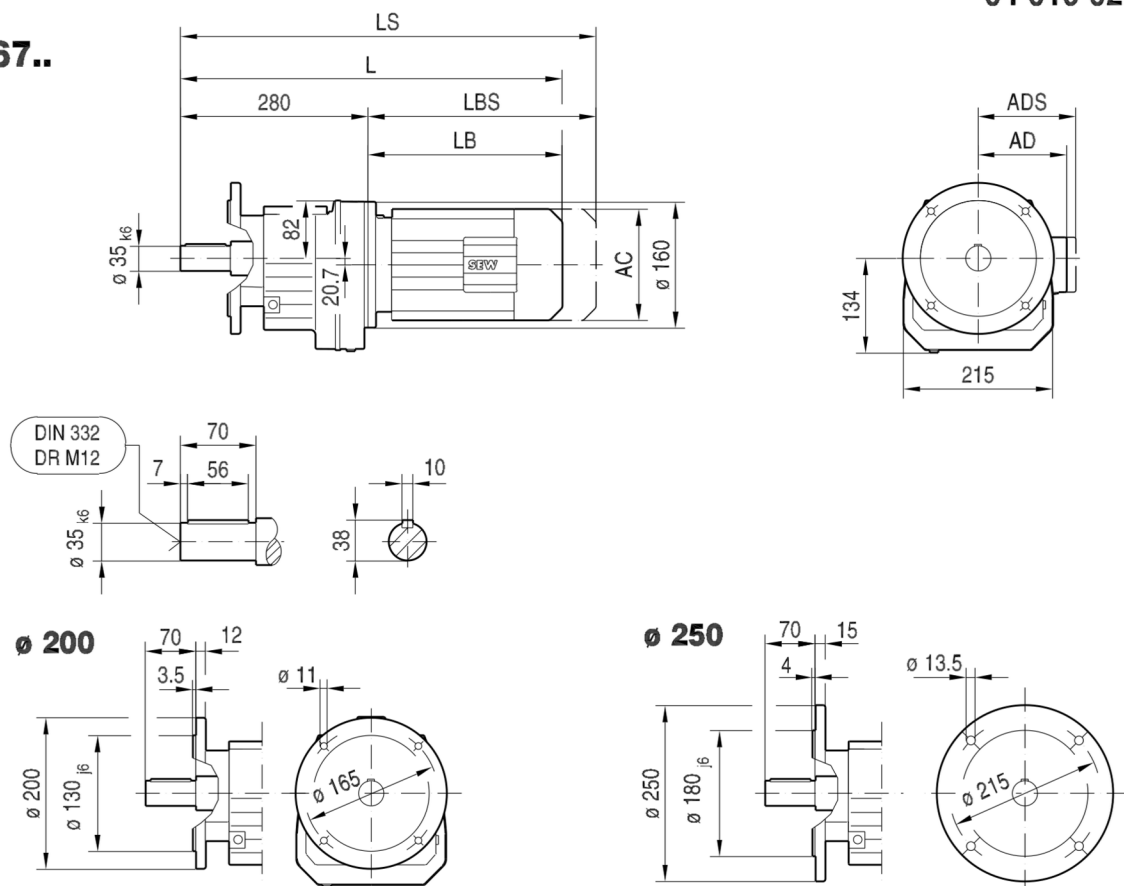


(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	465	479	529	549	599	629	634	682	704		
LB	520	543	593	634	684	714	714	762	816		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		

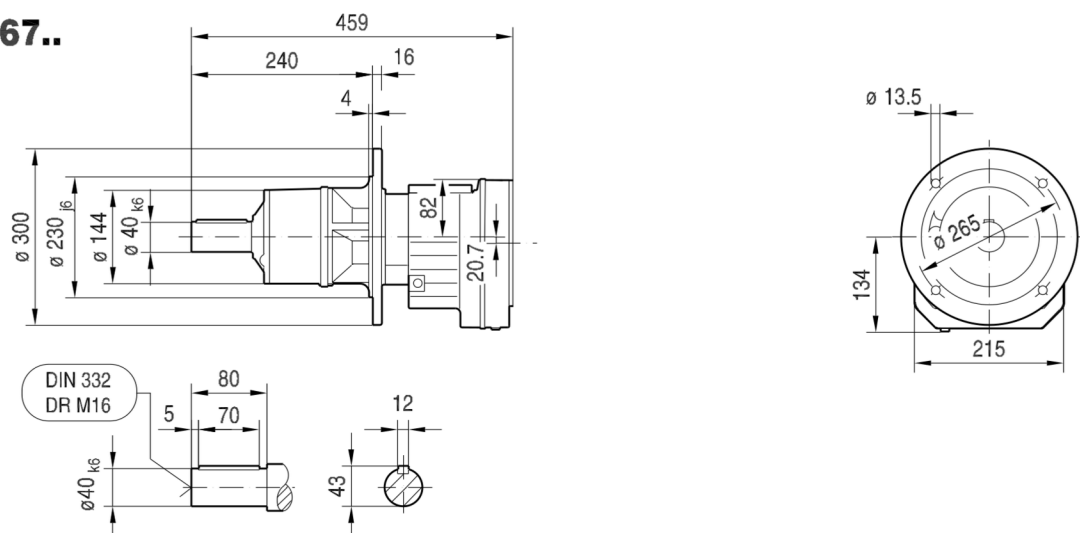


04 019 02 00

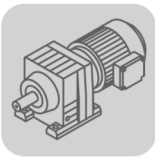
RF67..



RM67..



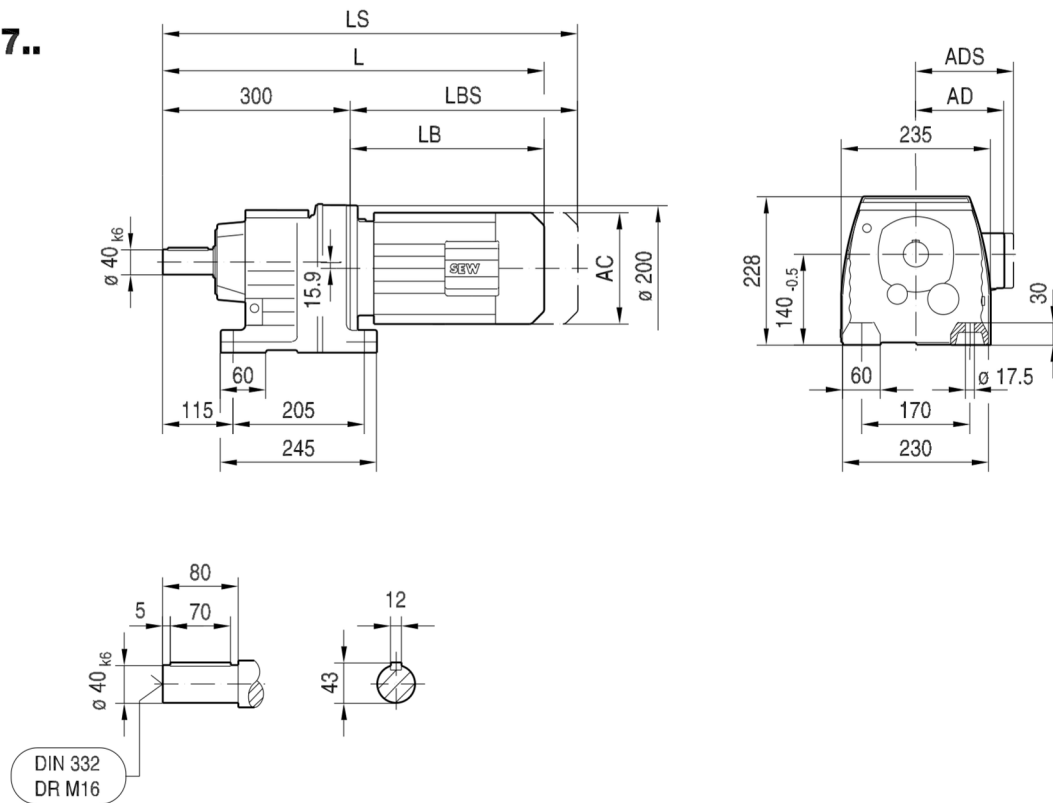
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L LS	465	479	529	549	599	629	634	682	704		
LB	520	543	593	634	684	714	714	762	816		
LBS	185	199	249	269	319	349	354	402	424		
	240	263	313	354	404	434	434	482	536		



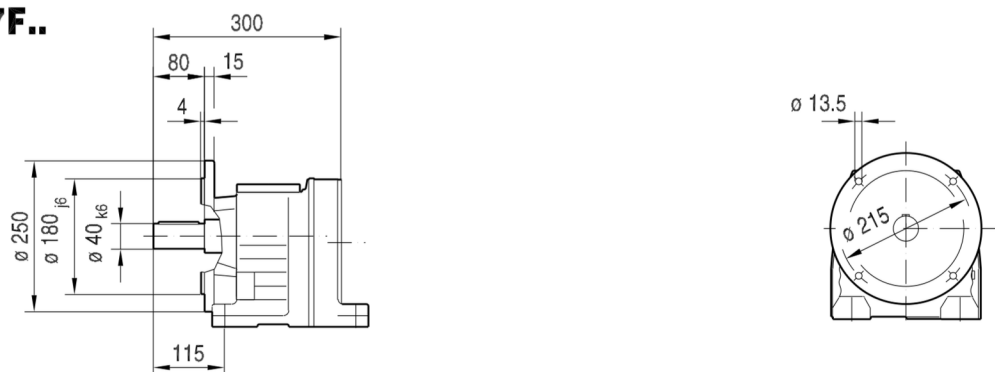
R..DR/DT/DV
R.. [mm]

04 007 02 00

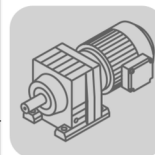
R77..



R77F..

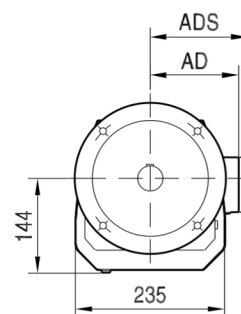
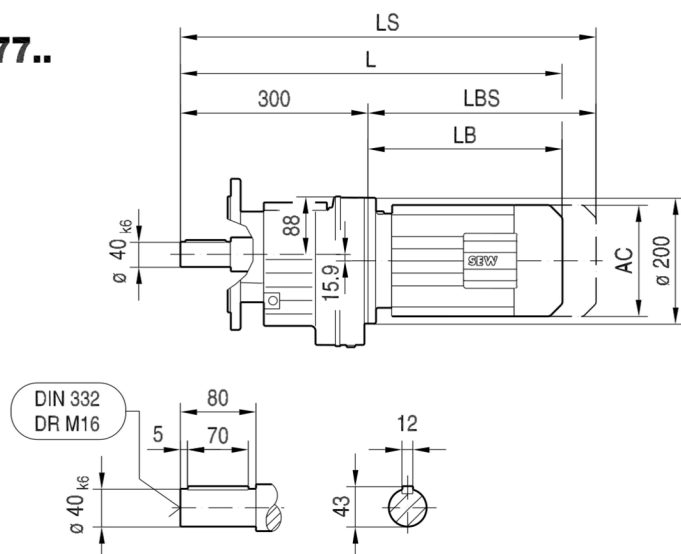


(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
ADS	105	127	127	161	166	166	182	182	230	230	230
L LS	479	493	543	561	611	641	645	690	712	772	772
LB	534	557	607	646	696	726	725	770	824	884	884
LBS	179	193	243	261	311	341	345	390	412	472	472
	234	257	307	346	396	426	425	470	524	584	584

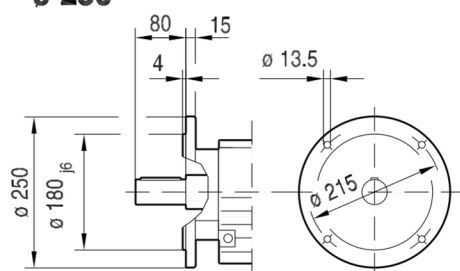


04 020 02 00

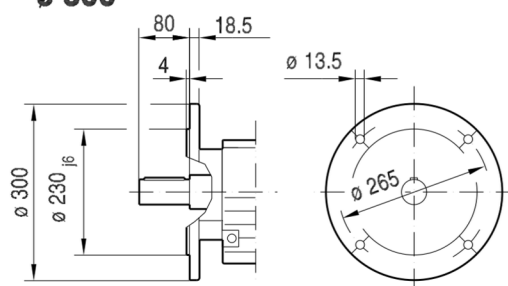
RF77..



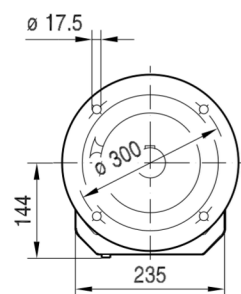
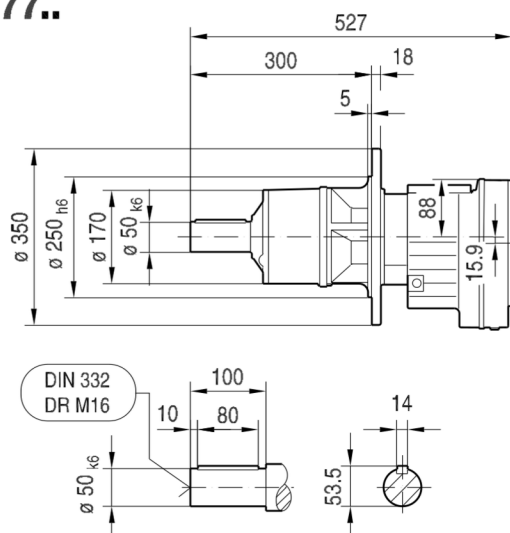
ø 250



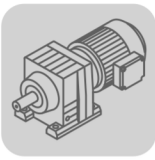
ø 300



RM77..



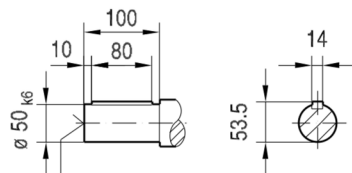
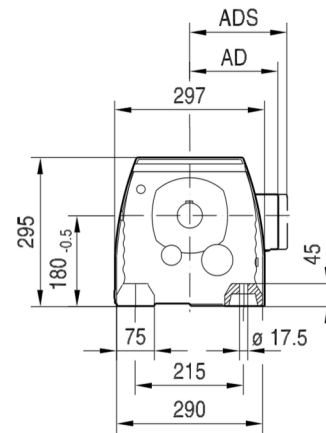
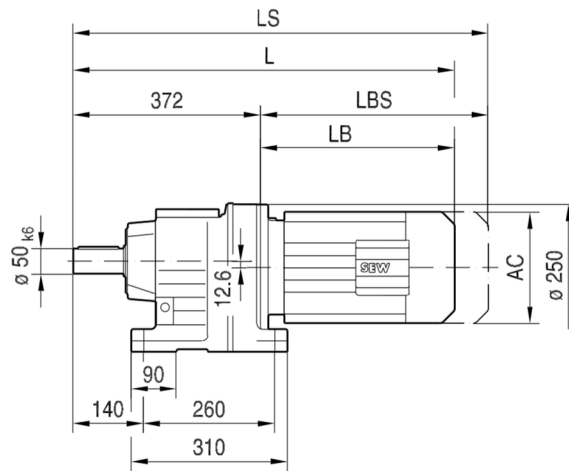
(102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
ADS	105	127	127	161	166	166	182	182	230	230	230
L LS	479	493	543	561	611	641	645	690	712	772	772
LB	534	557	607	646	696	726	725	770	824	884	884
LBS	179	193	243	261	311	341	345	390	412	472	472
	234	257	307	346	396	426	425	470	524	584	584



R..DR/DT/DV
R.. [mm]

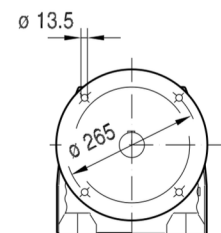
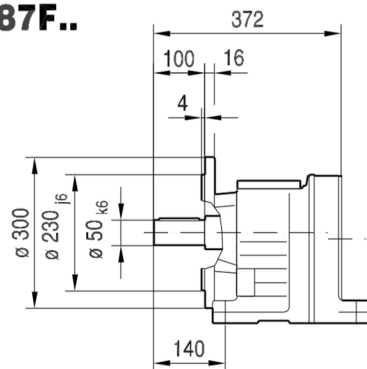
04 008 03 00

R87..

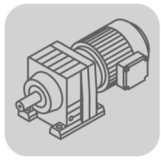


DIN 332
DR M16

R87F..

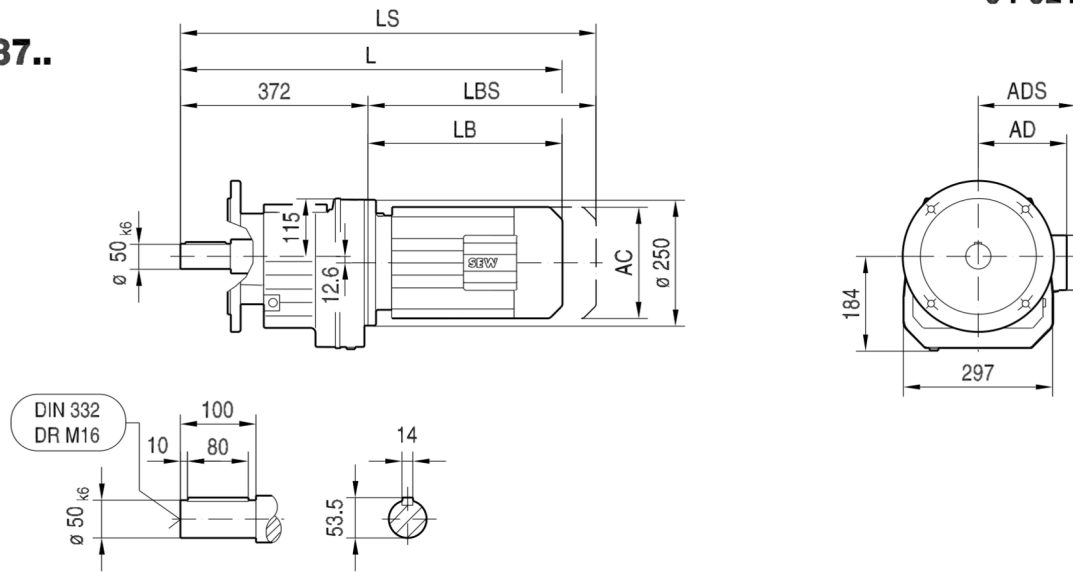


(102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L LS	610	629	679	709	712	757	779	839	839	886	958
LB	674	714	764	794	792	837	891	951	951	1042	1114
LBS	238	257	307	337	340	385	407	467	467	514	586
	302	342	392	422	420	465	519	579	579	670	742

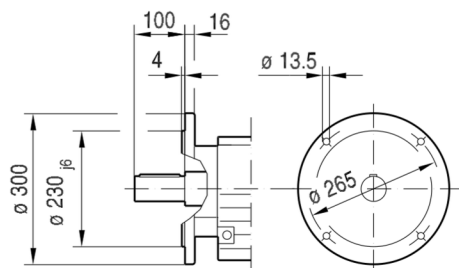


04 021 03 00

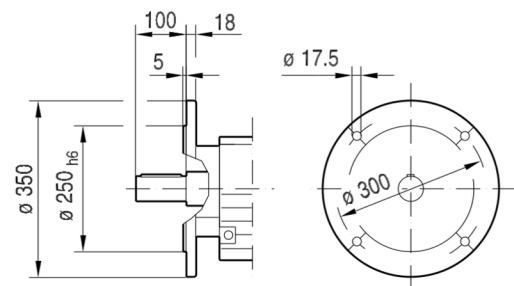
RF87..



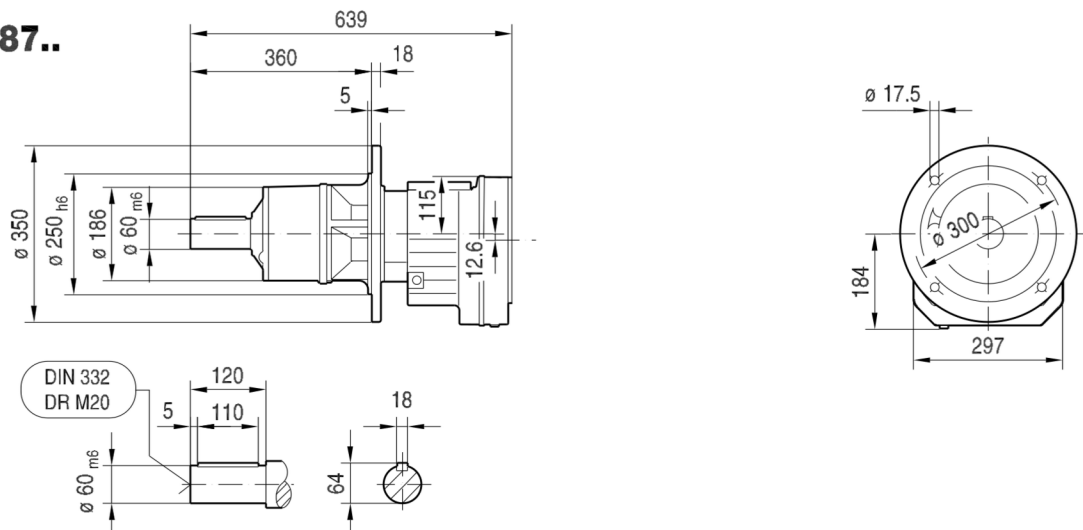
ø 300



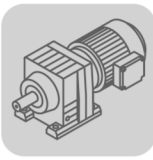
ø 350



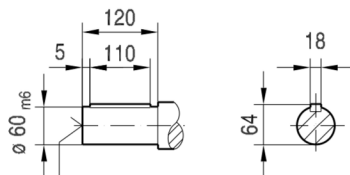
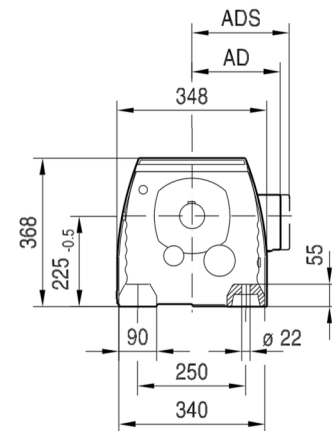
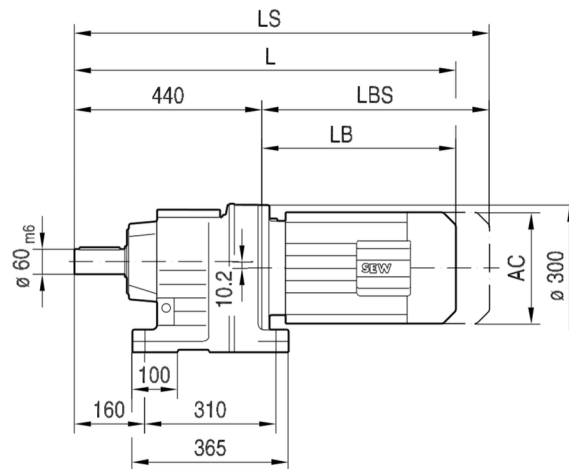
RM87..



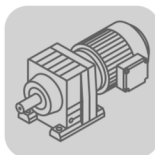
(102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L LS	610	629	679	709	712	757	779	839	839	886	958
LB	674	714	764	794	792	837	891	951	951	1042	1114
LBS	238	257	307	337	340	385	407	467	467	514	586
	302	342	392	422	420	465	519	579	579	670	742



04 009 03 00

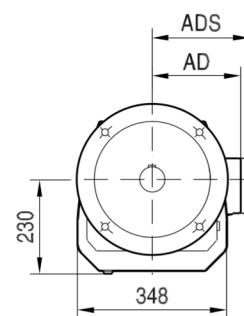
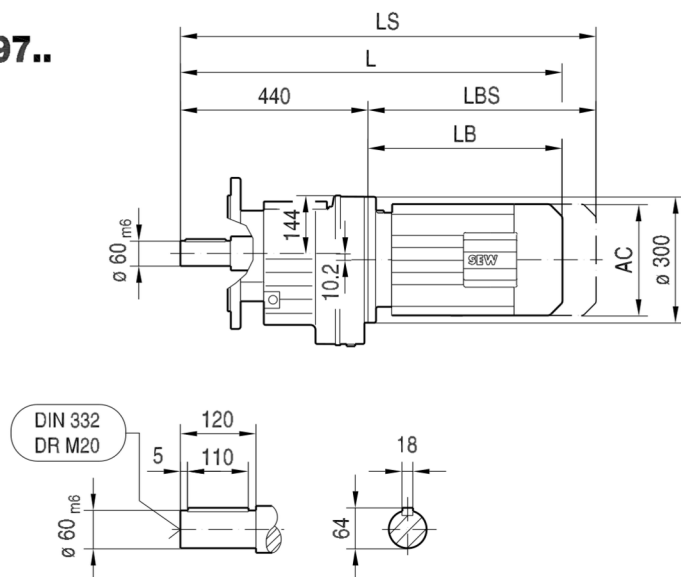
R97..
 DIN 332
 DR M20

(102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	145	197	197	197	221	221	275	275	275	331	331	394
AD	122	154	166	166	179	179	230	230	230	258	258	285
ADS	127	161	166	166	182	182	230	230	230	258	258	285
L LS	671	691	741	771	775	820	842	902	902	949	1021	1069
LB	735	776	826	856	855	900	954	1014	1014	1105	1177	1225
LBS	231	251	301	331	335	380	402	462	462	509	581	629
	295	336	386	416	415	460	514	574	574	665	737	785

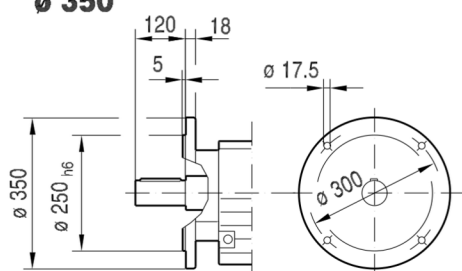


04 022 03 00

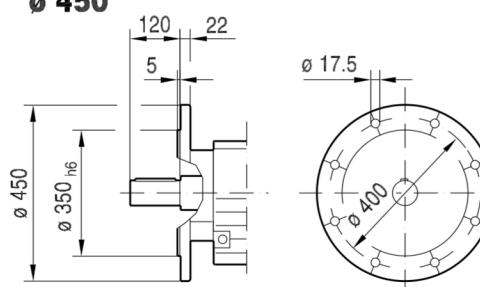
RF97..



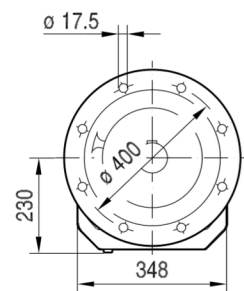
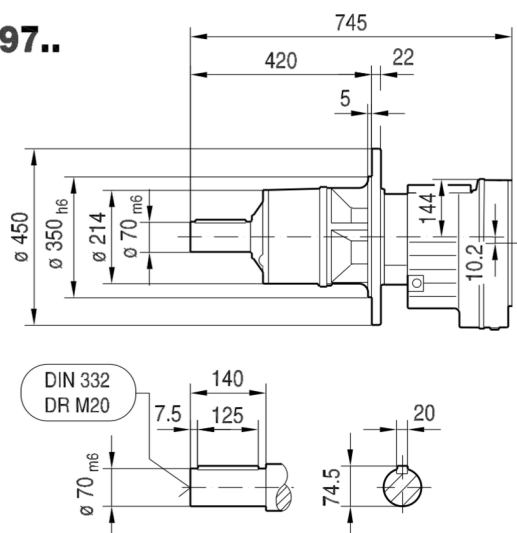
ø 350



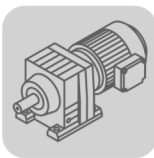
ø 450



RM97..



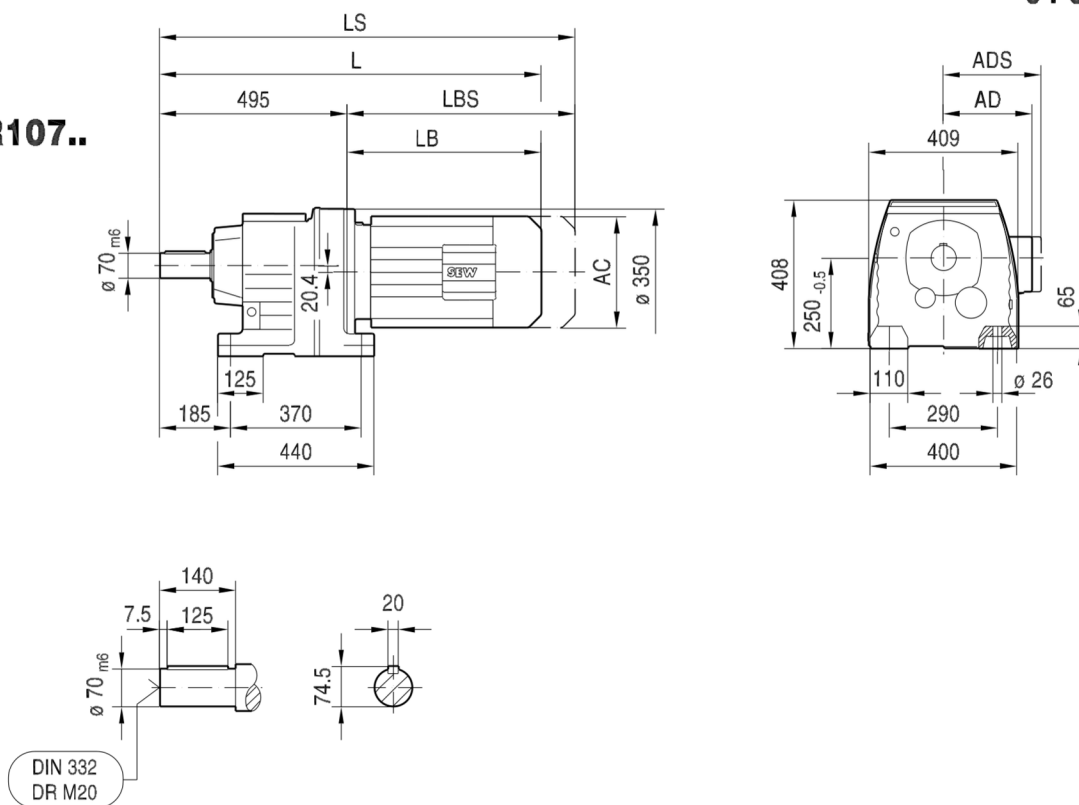
(102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	145	197	197	197	221	221	275	275	275	331	331	394
AD	122	154	166	166	179	179	230	230	230	258	258	285
ADS	127	161	166	166	182	182	230	230	230	258	258	285
L LS	671	691	741	771	775	820	842	902	902	949	1021	1069
LB	735	776	826	856	855	900	954	1014	1014	1105	1177	1225
LBS	231	251	301	331	335	380	402	462	462	509	581	629
	295	336	386	416	415	460	514	574	574	665	737	785



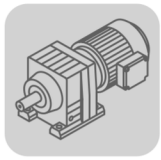
R..DR/DT/DV
R.. [mm]

04 010 03 00

R107..

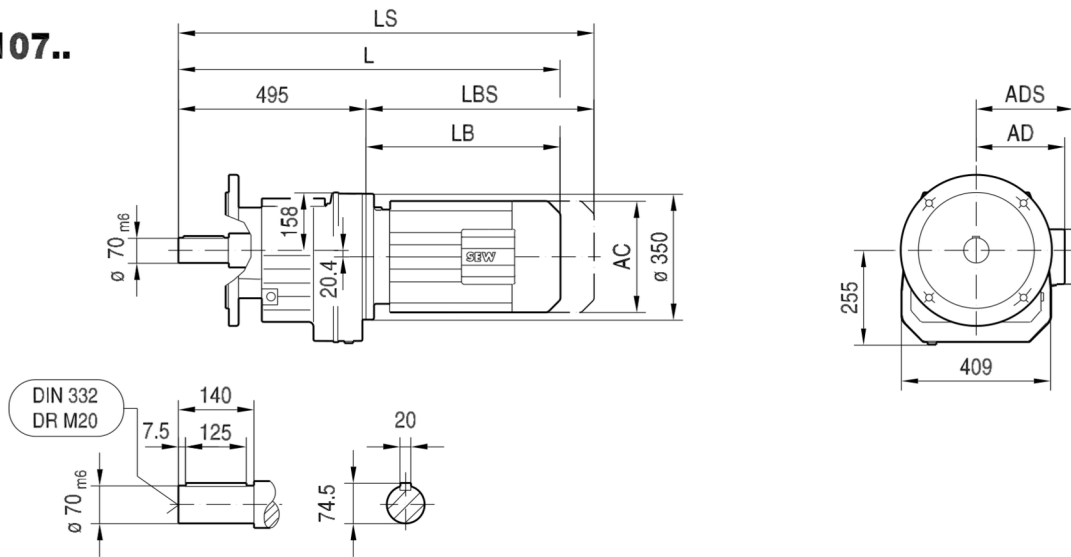


(102)	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
ADS	166	166	182	182	230	230	230	258	258	285	289
L LS	790	820	824	869	891	951	951	998	1070	1118	1200
LB	875	905	904	949	1003	1063	1063	1154	1226	1274	1356
LBS	295	325	329	374	396	456	456	503	575	623	705
	380	410	409	454	508	568	568	659	731	779	861

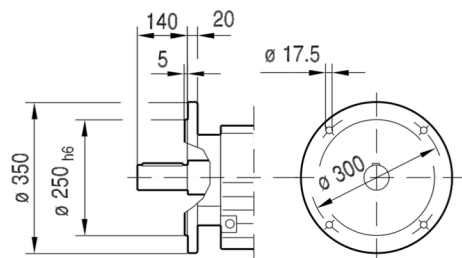


04 023 03 00

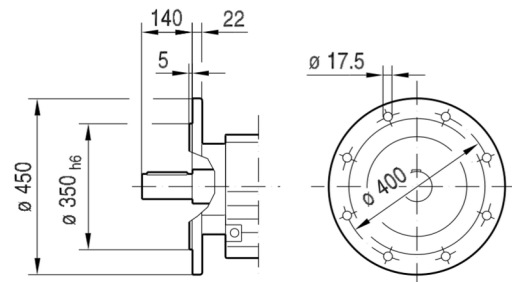
RF107..



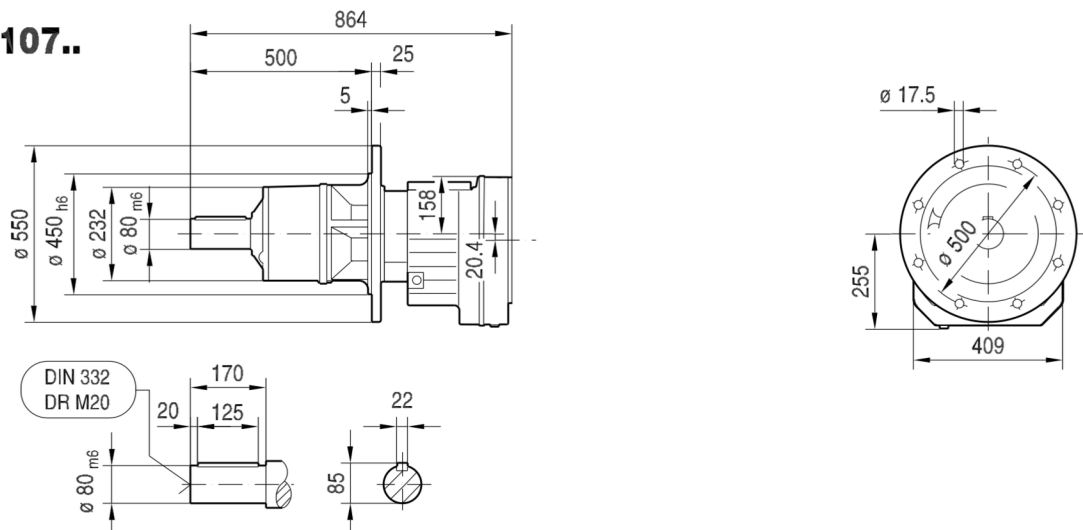
$\varnothing 350$



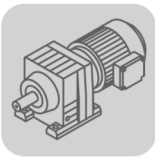
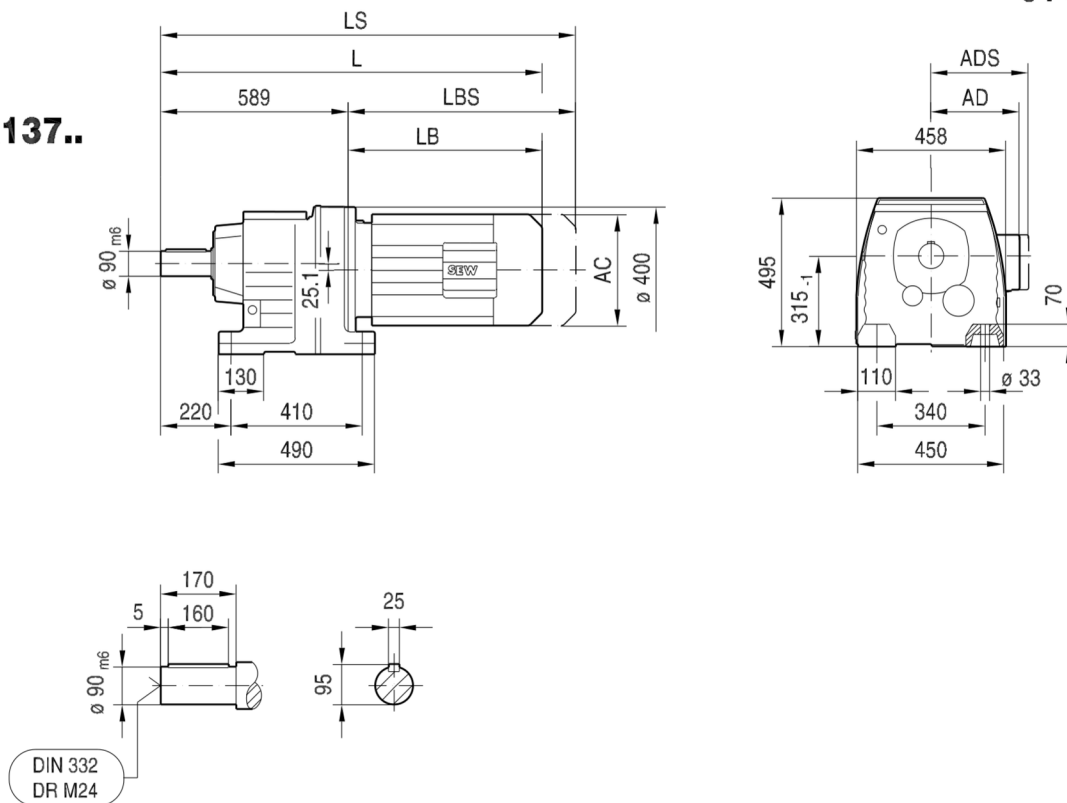
$\varnothing 450$



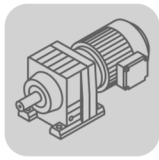
RM107..



(102)	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
ADS	166	166	182	182	230	230	230	258	258	285	289
L LS	790	820	824	869	891	951	951	998	1070	1118	1200
LB	875	905	904	949	1003	1063	1063	1154	1226	1274	1356
LBS	295	325	329	374	396	456	456	503	575	623	705
	380	410	409	454	508	568	568	659	731	779	861

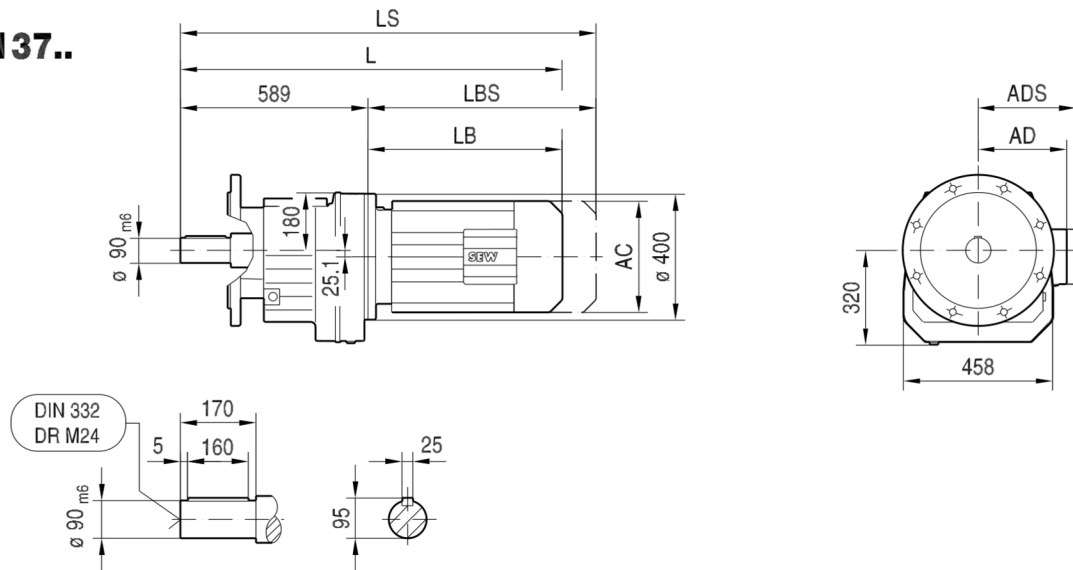
**R137..**

(102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M		
AC	221	275	275	275	331	331	394	394	510		
AD	179	230	230	230	258	258	285	289	397		
ADS	182	230	230	230	258	258	285	289	397		
L LS	956	978	1038	1038	1085	1157	1205	1287	1378		
LB	1036	1090	1150	1150	1241	1313	1361	1443	1563		
LBS	367	389	449	449	496	568	616	698	789		
	447	501	561	561	652	724	772	854	974		

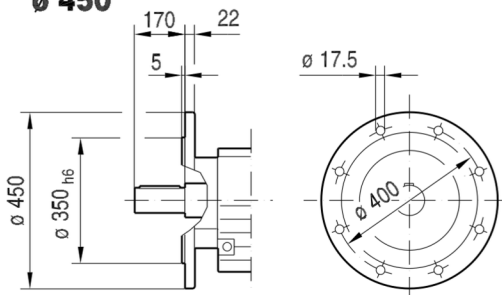


04 024 03 00

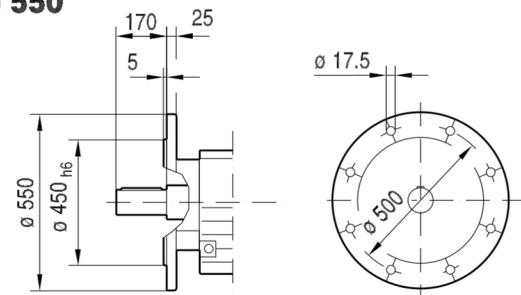
RF137..



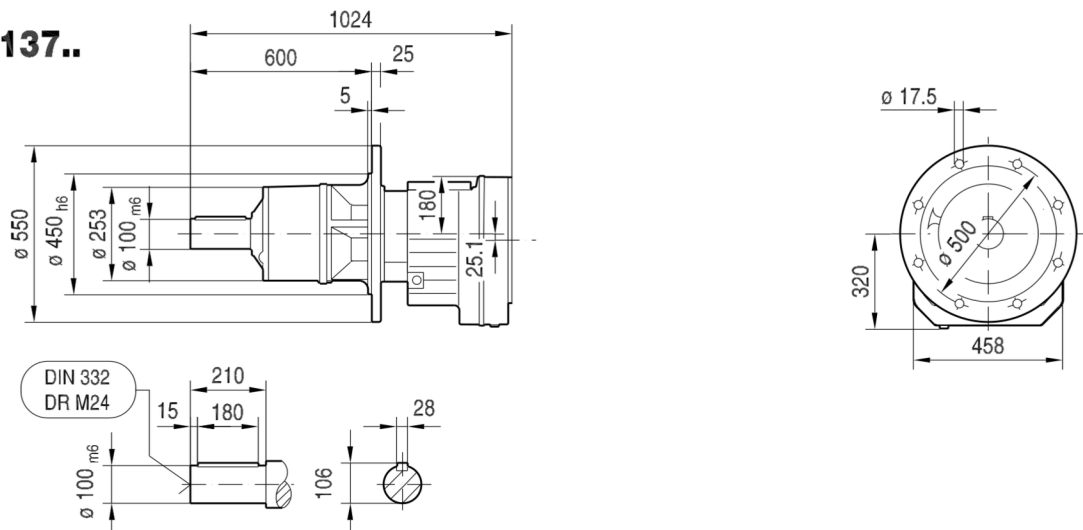
ø 450



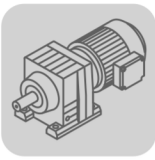
ø 550



RM137..



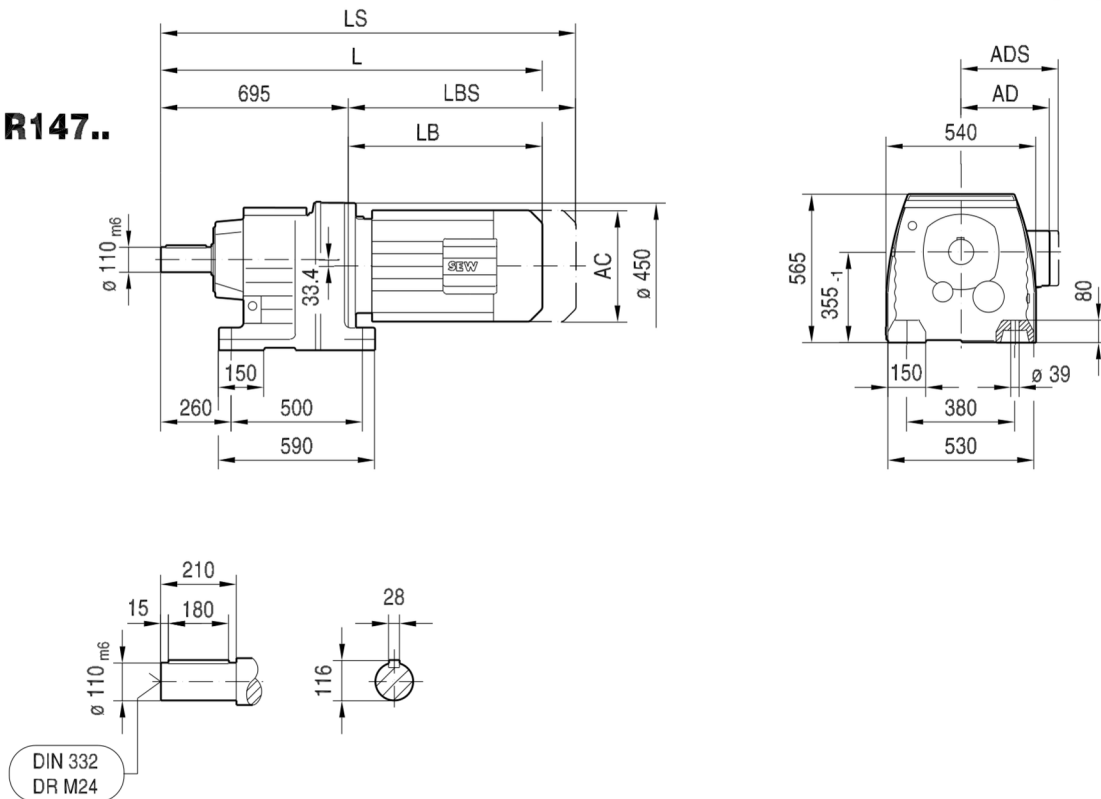
(102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M		
AC	221	275	275	275	331	331	394	394	510		
AD	179	230	230	230	258	258	285	289	397		
ADS	182	230	230	230	258	258	285	289	397		
L LS	956	978	1038	1038	1085	1157	1205	1287	1378		
LB	1036	1090	1150	1150	1241	1313	1361	1443	1563		
LBS	367	389	449	449	496	568	616	698	789		
	447	501	561	561	652	724	772	854	974		



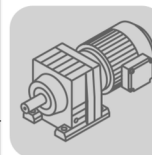
R..DR/DT/DV
R.. [mm]

04 012 03 00

R147..

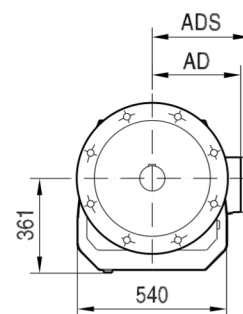
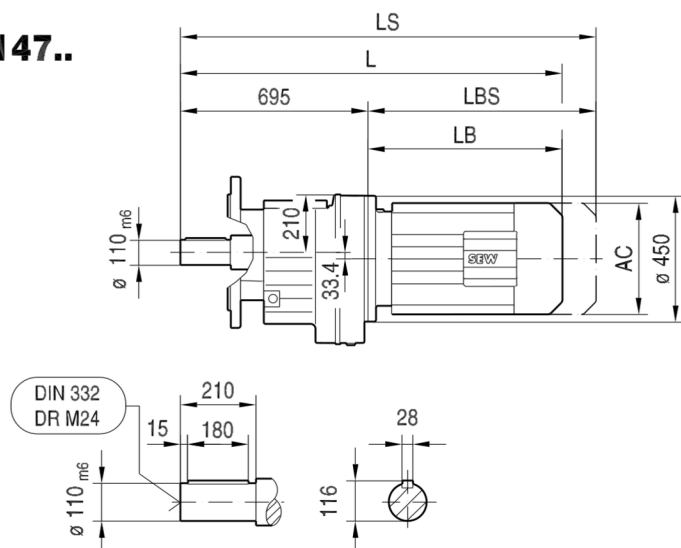


(102)DV132MLDV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M		
AC	275	275	331	331	394	394	510	510	537
AD	230	230	258	258	285	289	397	397	382
ADS	230	230	258	258	285	289	397	397	382
L LS	1136	1136	1183	1255	1303	1385	1475	1475	1601
LB	1248	1248	1339	1411	1459	1541	1660	1660	1812
LBS	441	441	488	560	608	690	780	780	906
	553	553	644	716	764	846	965	965	1117

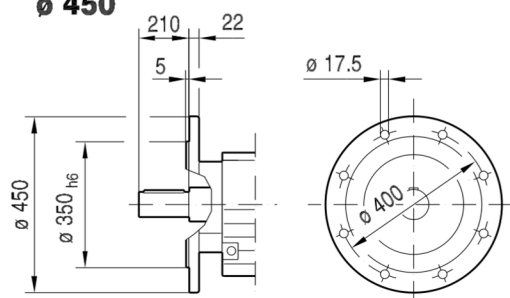


04 025 03 00

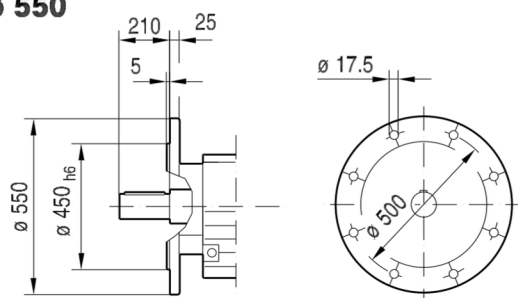
RF147..



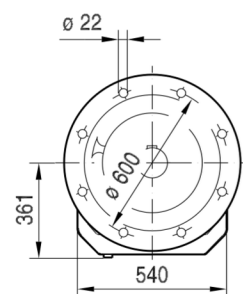
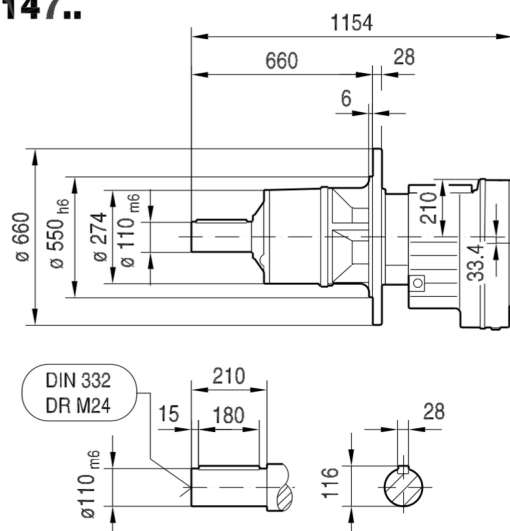
$\phi 450$



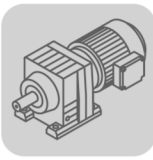
$\phi 550$



RM147..



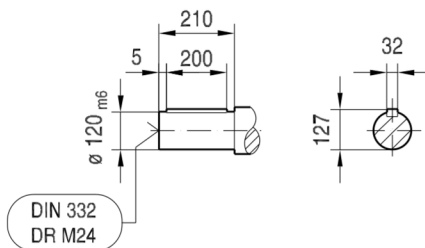
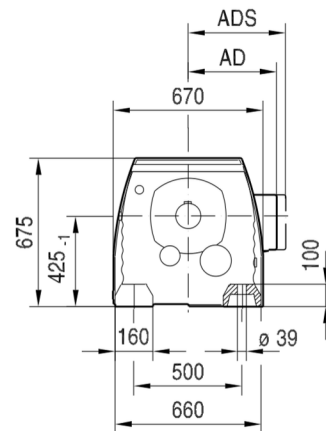
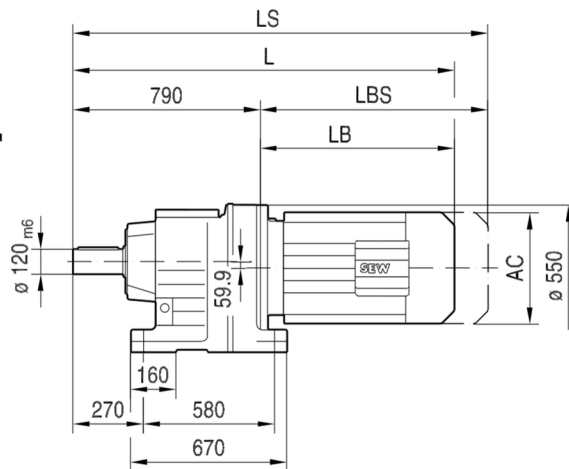
(102)	DV132MLDV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M		
AC	275	275	331	331	394	394	510	510	537	
AD	230	230	258	258	285	289	397	397	382	
ADS	230	230	258	258	285	289	397	397	382	
L LS	1136	1136	1183	1255	1303	1385	1475	1475	1601	
LB	1248	1248	1339	1411	1459	1541	1660	1660	1812	
LBS	441	441	488	560	608	690	780	780	906	
	553	553	644	716	764	846	965	965	1117	



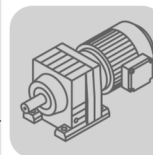
R..DR/DT/DV
R.. [mm]

04 013 03 00

R167..

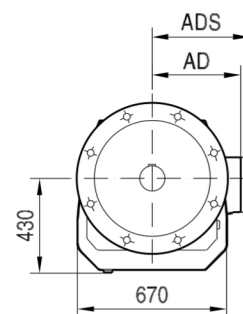
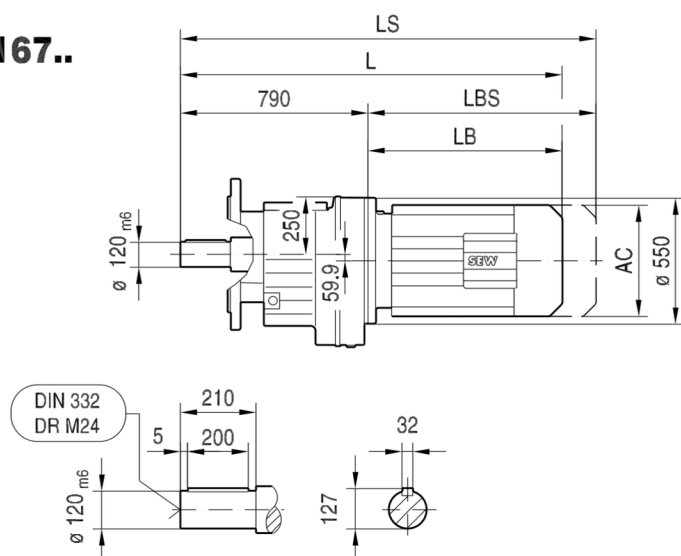


(102)DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M	D315S	D315M	
AC	275	331	331	394	394	510	510	537	612	612
AD	230	258	258	285	289	397	397	382	430	430
ADS	230	258	258	285	289	397	397	382	430	430
L LS	1223	1270	1342	1390	1472	1561	1561	1714	1765	1816
LB	1335	1426	1498	1546	1628	1746	1746	1925	1993	2044
LBS	433	480	552	600	682	771	771	924	975	1026
	545	636	708	756	838	956	956	1135	1203	1254

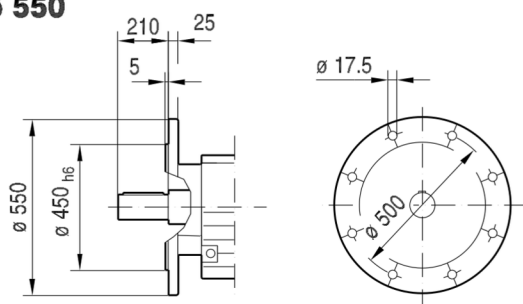


04 026 03 00

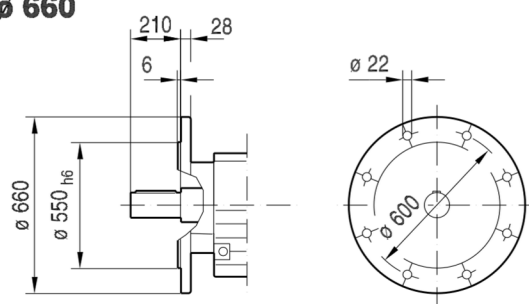
RF167..



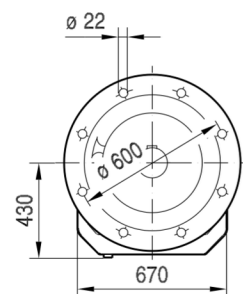
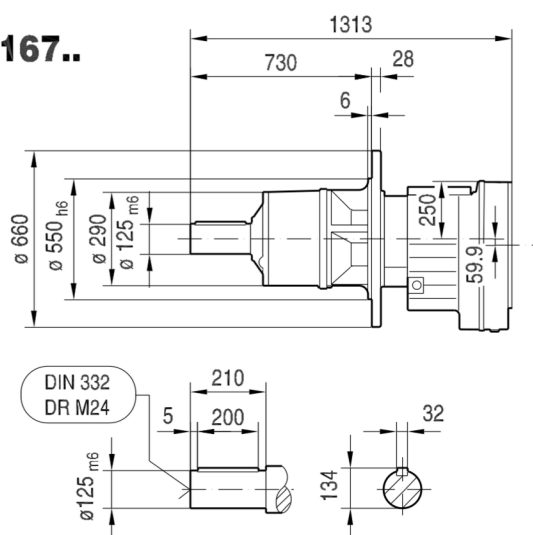
550



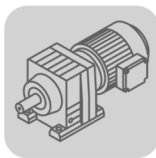
660



RM167..

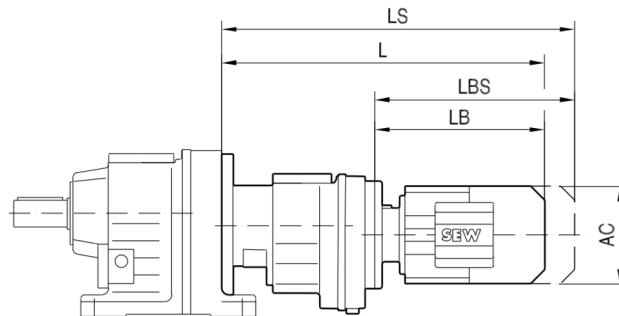


(102)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M	D315S	D315M	
AC	275	331	331	394	394	510	510	537	612	612	
AD	230	258	258	285	289	397	397	382	430	430	
ADS	230	258	258	285	289	397	397	382	430	430	
L LS	1223	1270	1342	1390	1472	1561	1561	1714	1765	1816	
LB	1335	1426	1498	1546	1628	1746	1746	1925	1993	2044	
LBS	433	480	552	600	682	771	771	924	975	1026	
	545	636	708	756	838	956	956	1135	1203	1254	



R..DR/DT/DV
R.. [mm]

04 039 02 00



(102)		AC	L	LS	LB	LBS
R..27R17 R..37R17	DR63..	132	324	379	149	204
	DT71D	145	339	403	164	228
	DT80..	145	389	453	214	278
R..47R37 R..57R37 R..67R37	DR63..	132	356	411	191	246
	DT71D	145	371	435	206	270
	DT80..	145	421	485	256	320
R..77R37	DR63..	132	348	403	191	246
	DT71D	145	363	427	206	270
	DT80..	145	413	477	256	320
	DT90..	197	433	518	276	361
R..87R57	DR63..	132	401	456	185	240
	DT71D	145	415	479	199	263
	DT80..	145	465	529	249	313
	DT90..	197	485	570	269	354
R..97R57	DR63..	132	396	451	185	240
	DT71D	145	410	474	199	263
	DT80..	145	460	524	249	313
	DT90..	197	480	565	269	354
	DV100M	197	530	615	319	404
	DV100L	197	560	645	349	434
	DR63..	132	426	481	179	234
	DT71D	145	440	504	193	257
	DT80..	145	490	554	243	307
	DT90..	197	508	593	261	346
R..107R77	DV100M	197	558	643	311	396
	DV100L	197	588	673	341	426
	DV112M	221	592	672	345	425
	DV132S	221	637	717	390	470
	DV132M	275	659	771	412	524
	DV132ML	275	719	831	472	584
	DV160M	275	719	831	472	584
	DR63..	132	419	474	179	234
	DT71D	145	433	497	193	257
	DT80..	145	483	547	243	307
R..137R77	DT90..	197	501	586	261	346
	DV100M	197	551	636	311	396
	DV100L	197	581	666	341	426
	DV112M	221	585	665	345	425
	DV132S	221	630	710	390	470
	DV132M	275	652	764	412	524
	DV132ML	275	712	824	472	584
	DV160M	275	712	824	472	584

(102)		AC	L	LS	LB	LBS
R..147R77	DR63..	132	411	466	179	234
	DT71D	145	425	489	193	257
	DT80..	145	475	539	243	307
	DT90..	197	493	578	261	346
	DV100M	197	543	628	311	396
	DV100L	197	573	658	341	426
	DV112M	221	577	657	345	425
	DV132S	221	622	702	390	470
	DV132M	275	644	756	412	524
	DV132ML	275	704	816	472	584
	DV160M	275	704	816	472	584
	DT90..	197	537	622	257	342
	DV100M	197	587	672	307	392
R..147R87	DV100L	197	617	702	337	422
	DV112M	221	620	700	340	420
	DV132S	221	665	745	385	465
	DV132M	275	687	799	407	519
	DV132ML	275	747	859	467	579
	DV160M	275	747	859	467	579
	DV160L	331	794	950	514	670
	DV180..	331	866	1022	586	742
	DT80..	145	556	620	231	295
	DT90..	197	576	661	251	336
R..167R97	DV100M	197	626	711	301	386
	DV100L	197	656	741	331	416
	DV112M	221	660	740	335	415
	DV132S	221	705	785	380	460
	DV132M	275	727	839	402	514
	DV132ML	275	787	899	462	574
	DV160M	275	787	899	462	574
	DV160L	331	834	990	509	665
	DV180..	331	906	1062	581	737
	DV100M	197	677	762	295	380
	DV100L	197	707	792	325	410
	DV112M	221	711	791	329	409
	DV132S	221	756	836	374	454
R..167R107	DV132M	275	778	890	396	508
	DV132ML	275	838	950	456	568
	DV160M	275	838	950	456	568
	DV160L	331	885	1041	503	659
	DV180..	331	957	1113	575	731
	DV200..	394	1005	1161	623	779
	DV225..	394	1087	1243	705	861