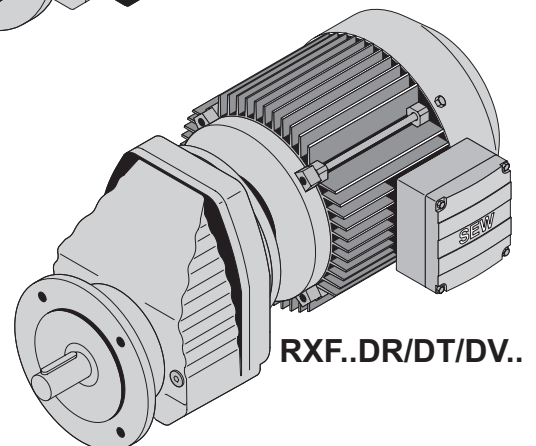
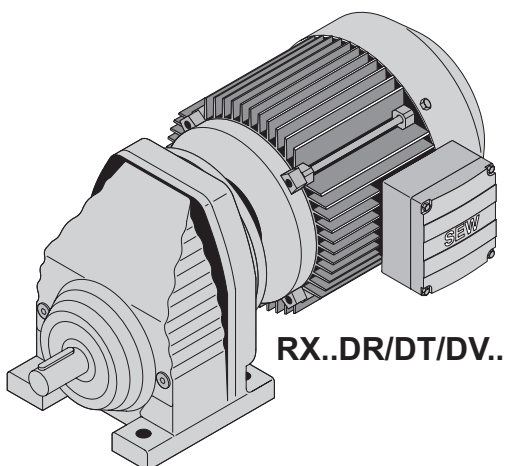
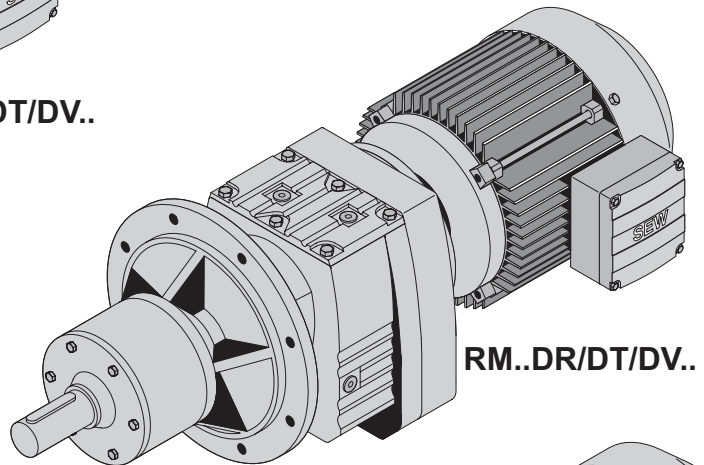
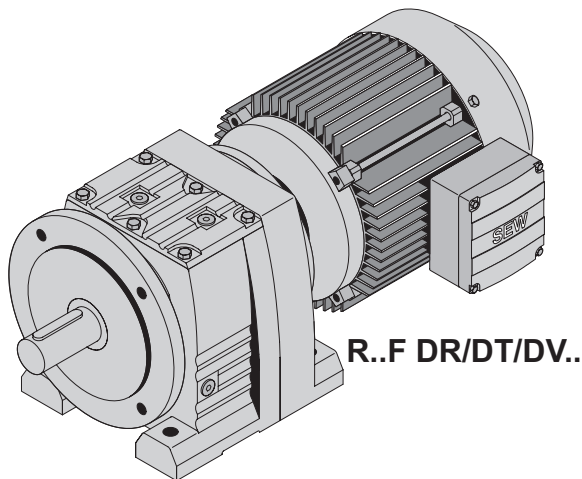
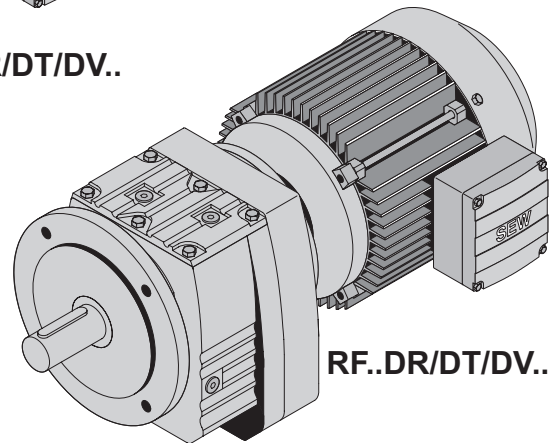
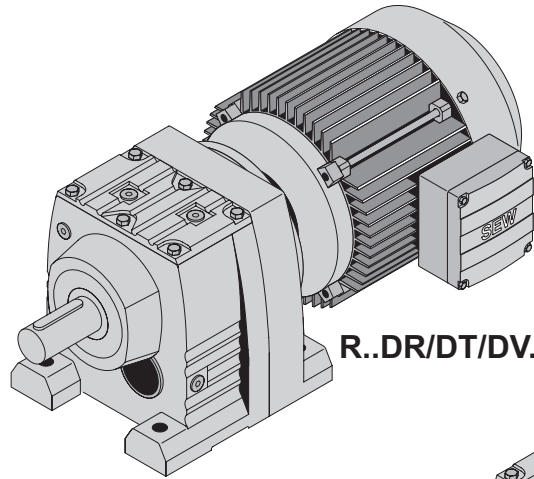


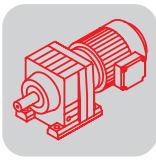
8 R..DR/DT/DV

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



8

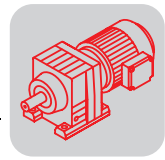
04453AXX


**8.2 R.. → DR/DT/DV**

<b>RX57, n<sub>e</sub> = 1400 1/min</b>										<b>69 Nm</b>
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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						

<b>RX67, n<sub>e</sub> = 1400 1/min</b>										<b>134 Nm</b>
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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*						

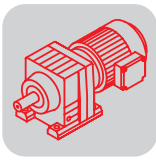
<b>RX77, n<sub>e</sub> = 1400 1/min</b>										<b>215 Nm</b>	
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
175	57	6330	-	8.00*							
187	53	6200	-	7.47							
218	103	5600	-	6.41							
249	110	5300	-	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							







<b>RX87, n<sub>e</sub> = 1400 1/min</b>					<b>405 Nm</b>						
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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							

<b>RX97, n<sub>e</sub> = 1400 1/min</b>					<b>595 Nm</b>							
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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								

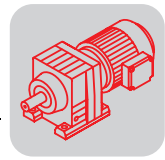
<b>RX107, n<sub>e</sub> = 1400 1/min</b>					<b>830 Nm</b>						
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	
211	460	9700	-	6.63*							
250	455	9080	-	5.61							
270	695	7850	-	5.19							
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

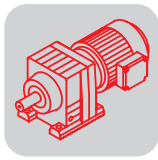
R07, $n_e = 1400$ 1/min					50 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT56 DT71	
 3						
18	50	1230	-	78.24		
20	50	1230	-	71.47		
23	50	1230	-	60.32		
27	50	1230	-	51.52		
29	50	1230	-	47.78		
32	50	1230	-	44.16		
34	50	1230	-	41.31		
35	50	1230	-	40.34		
36	50	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, $n_e = 1400$ 1/min					85 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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		











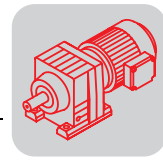


R17, n <sub>e</sub> = 1400 1/min					85 Nm	
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DR63 DT71	DT80
101	85	1270	-	13.84		
108	85	1230	-	12.98		
122	81	1180	-	11.45		
138	77	1140	-	10.15		
162	72	1090	-	8.63		
185	56	1040	-	7.55		
199	55	1010	-	7.04		
228	54	950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

R27, n <sub>e</sub> = 1400 1/min					130 Nm			
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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	-	7.63*				
212	106	880	-	6.59				
250	99	880	-	5.60*				
280	95	860	-	5.00*				
328	87	920	-	4.27				
350	85	910	-	4.00*				
415	79	900	-	3.37				



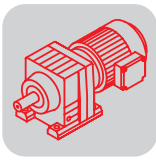
R27R17, $n_e = 1400$ 1/min					130 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80
 3  3						
0.16	130	4230	-	8612		
0.19	130	4230	-	7425		
0.20	130	4230	-	6921		
0.23	130	4230	-	6050		
0.27	130	4230	-	5217		
0.30	130	4230	-	4661		
0.34	130	4230	-	4073		
0.40	130	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, $n_e = 1400$ 1/min					130 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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		

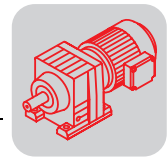
R37, $n_e = 1400$ 1/min					200 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
3								
10	200	4950	8	134.82				
11	200	4950	8	123.66				
13	200	4950	8	105.28				
15	200	4950	8	90.77				
17	200	4950	8	84.61				
19	200	4950	8	73.96				
20	200	4950	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, $n_e = 1400$ 1/min					200 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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		



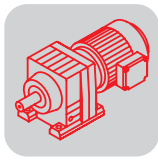
R..DR/DT/DV  
R.. → DR/DT/DV

R37R17, $n_e = 1400$ 1/min					200 Nm	
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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		











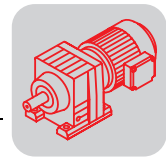
R37R17, n <sub>e</sub> = 1400 1/min					200 Nm	
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (°R) [ ' ]	i	DR63 DT71	DT80
11	200	4950	-	127		
13	200	4950	-	104		
16	200	4950	-	90		

R47, n <sub>e</sub> = 1400 1/min					300 Nm					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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	7.76*						
201	159	2620	10	6.96						
233	156	2470	10	6.00						
248	155	2410	10	5.64*						
289	150	2280	10	4.85						
323	146	2190	11	4.34						
366	144	2090	11	3.83						





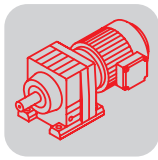
**R..DR/DT/DV**  
R.. → DR/DT/DV

R47R37, $n_e = 1400$ 1/min					300 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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, $n_e = 1400$ 1/min					300 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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				

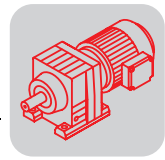
R57, $n_e = 1400$ 1/min					450 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
 3										
7.5	450	7110	7	186.89						
8.1	450	7110	7	172.17						
9.5	450	7110	7	147.92						
11	450	7110	7	128.77						
12	450	7110	7	120.63						
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						



**R..DR/DT/DV**  
R.. → DR/DT/DV

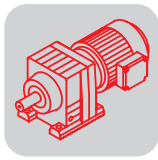
R57R37, $n_e = 1400$ 1/min					450 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
 3  3								
0.10	450	7110	-	14369				
0.12	450	7110	-	12095				
0.13	450	7110	-	10860				
0.15	450	7110	-	9445				
0.17	450	7110	-	8480				
0.19	450	7110	-	7312				
0.21	450	7110	-	6521				
0.25	450	7110	-	5585				
0.28	450	7110	-	4928				
0.32	450	7110	-	4378				
0.36	450	7110	-	3873				
0.42	450	7110	-	3344				
0.48	450	7110	-	2907				
0.55	450	7110	-	2567				
0.62	450	7110	-	2244				
0.71	450	7110	-	1967				
 2  3								
0.47	450	7110	-	2957				
0.56	450	7110	-	2508				
0.61	450	7110	-	2309				
0.70	450	7110	-	1991				
0.79	450	7110	-	1768				
0.92	450	7110	-	1520				
1.0	450	7110	-	1342				
1.2	450	7110	-	1164				
1.4	450	7110	-	1027				
1.6	450	7110	-	894				
1.7	450	7110	-	805				
2.0	450	7110	-	683				
2.3	450	7110	-	603				
2.6	450	7110	-	534				
3.1	450	7110	-	454				
3.4	450	7110	-	410				
 3  2								
0.81	450	7110	-	1732				
0.90	450	7110	-	1555				
1.0	450	7110	-	1399				
1.2	450	7110	-	1189				
1.4	450	7110	-	1034				
1.8	450	7110	-	782				
2.1	450	7110	-	678				
2.3	450	7110	-	604				
2.6	450	7110	-	537				
3.0	450	7110	-	471				
3.9	450	7110	-	357				
4.4	450	7110	-	319				
5.1	450	7110	-	273				
5.8	450	7110	-	241				
6.5	450	7110	-	215				
7.5	450	7110	-	187				
8.5	450	7110	-	164				
9.9	450	7110	-	142				
 2  2								
3.9	450	7110	-	359				
4.3	450	7110	-	324				











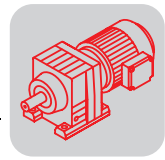


R57R37, $n_e = 1400$ 1/min					450 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
4.8	450	7110	-	290				
5.3	450	7110	-	262				
5.7	450	7110	-	246				
6.4	450	7110	-	220				
7.4	450	7110	-	188				
8.8	450	7110	-	159				
9.6	450	7110	-	146				
10	450	7110	-	134				

R67, $n_e = 1400$ 1/min					600 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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						



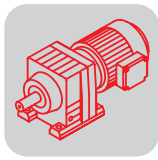
<b>R67R37, n<sub>e</sub> = 1400 1/min</b>					<b>600 Nm</b>			
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DR63 DT71	DT80	DT90	DV100
 3  3								
0.09	600	7560	-	15361				
0.11	600	7560	-	12931				
0.12	600	7560	-	11996				
0.14	600	7560	-	10097				
0.15	600	7560	-	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				



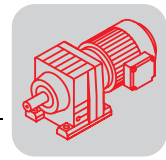
R67R37, $n_e = 1400$ 1/min					600 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
4.5	600	7560	-	310				
5.3	600	7560	-	264				
6.0	600	7560	-	235				
7.0	600	7560	-	201				
7.7	600	7560	-	181				
8.8	600	7560	-	159				

R77, $n_e = 1400$ 1/min					820 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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, $n_e = 1400$ 1/min					820 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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				



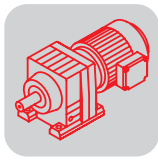
R77R37, $n_e = 1400$ 1/min					820 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
0.21	820	9920	-	6770				
0.24	820	9920	-	5838				
0.27	820	9920	-	5184				
0.31	820	9920	-	4470				
0.35	820	9920	-	3999				
0.40	820	9920	-	3488				
0.46	820	9920	-	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				



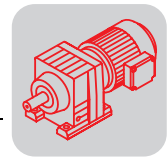
R77R37, $n_e = 1400$ 1/min					820 Nm			
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100
6.3	820	9920	-	221				
7.5	820	9920	-	186				

R87, $n_e = 1400$ 1/min					1550 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
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, $n_e = 1400$ 1/min					1550 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
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						



<b>R87R57, n<sub>e</sub> = 1400 1/min</b>					<b>1550 Nm</b>					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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						
2  3										
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						
3  2										
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  2										
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						

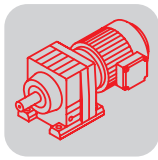


R87R57, $n_e = 1400$ 1/min					1550 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
5.5	1550	16900	-	256						
6.0	1550	16900	-	232						
7.2	1550	16900	-	195						

R97, $n_e = 1400$ 1/min					3000 Nm							
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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								

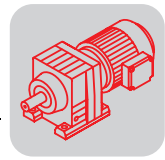
2												
44	2560	10600	5	32.05								
51	2560	8380	5	27.19								
56	2830	15900	5	25.03								
63	2720	15300	5	22.37								
70	2610	14800	5	20.14								
77	2500	14400	6	18.24								
87	2400	13800	6	16.17								
96	2300	13400	6	14.62								
113	2190	12700	6	12.39								
129	2090	12100	6	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, $n_e = 1400$ 1/min					3000 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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						



<b>R97R57, n<sub>e</sub> = 1400 1/min</b>					<b>3000 Nm</b>					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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						

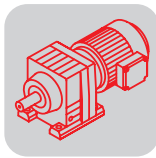










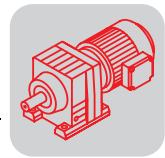
R97R57, $n_e = 1400$ 1/min					3000 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
4.7	3000	19800	-	297						
5.2	3000	19800	-	270						
6.2	3000	19800	-	227						

R107, $n_e = 1400$ 1/min					4300 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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, $n_e = 1400$ 1/min					4300 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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							



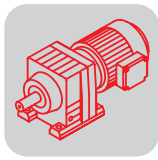
<b>R107R77, n<sub>e</sub> = 1400 1/min</b>					<b>4300 Nm</b>						
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (°R) [ ' ]	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
0.21	4300	29500	-	6743							
0.24	4300	29500	-	5914							
0.27	4300	29500	-	5168							
0.32	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, $n_e = 1400$ 1/min					8000 Nm				
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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					

8

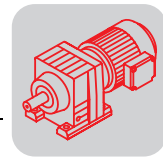
R137R77, $n_e = 1400$ 1/min					8000 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
3  3											
0.06	8000	53400	-	22203							
0.07	8000	53400	-	18945							
0.08	8000	53400	-	16566							
0.09	8000	53400	-	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

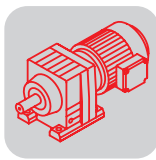
R137R77, $n_e = 1400$ 1/min					8000 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
0.35	8000	53400	-	4018							
0.40	8000	53400	-	3514							
0.42	8000	53400	-	3338							
0.48	8000	53400	-	2929							
0.56	8000	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							
3  2											
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  2											
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, $n_e = 1400$ 1/min					13000 Nm				
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280S D280M	D315S D315M
3									
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, $n_e = 1400$ 1/min					13000 Nm				
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/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					
2									
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, $n_e = 1400$ 1/min					13000 Nm						
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	$i$	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
3  3											
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							
3  2											
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							

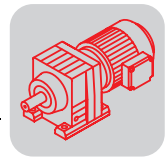






**R..DR/DT/DV**  
R.. → DR/DT/DV



<b>R147R77, n<sub>e</sub> = 1400 1/min</b>					<b>13000 Nm</b>						
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
2.9	13000	62700	-	489							
3.4	13000	62700	-	415							

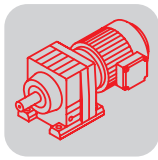
<b>R147R87, n<sub>e</sub> = 1400 1/min</b>					<b>13000 Nm</b>					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
3  2										
2.6	13000	62700	-	533						
3.0	13000	62700	-	462						
3.3	13000	62700	-	426						
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						





<b>R167, n<sub>e</sub> = 1400 1/min</b>					<b>18000 Nm</b>					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [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						



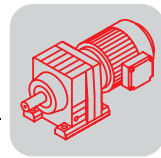
R167R97, $n_e = 1400$ 1/min					18000 Nm							
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
 3 												
0.05	18000	120000	-	27001								
0.06	18000	120000	-	22482								
0.07	18000	120000	-	20002								
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 												
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, $n_e = 1400$ 1/min					18000 Nm					
$n_a$ [1/min]	$M_{amax}$ [Nm]	$F_{Ra}$ [N]	$\varphi$ (/R) [ ' ]	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 2 										
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						





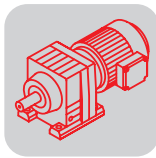
<b>R167R107, n<sub>e</sub> = 1400 1/min</b>					<b>18000 Nm</b>					
n <sub>a</sub> [1/min]	M <sub>amax</sub> [Nm]	F <sub>Ra</sub> [N]	φ (/R) [ ' ]	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
1.5	18000	120000	-	950						
1.6	18000	120000	-	860						
1.8	18000	120000	-	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						

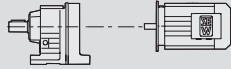



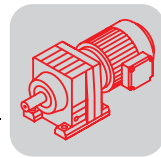


8.3 R..D.. [kW]

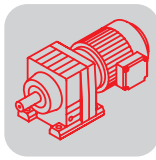
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>0.09</b>	17	52	78.24	1490	0.95						
	18	47	71.47	1520	1.05						
	22	40	60.32	1570	1.25						
	25	34	51.52	1590	1.45						
	27	32	47.78	1600	1.60						
	29	29	44.16	1610	1.70						
	31	27	41.31	1600	1.85	R	07	DT	56M4	5.9	218
	32	27	40.34	1590	1.85	RF	07	DT	56M4	5.9	219
	34	26	38.51	1570	1.95						
	38	23	34.05	1520	2.2						
	45	19	29.08	1460	2.6						
	48	18	26.97	1430	2.8						
	56	15	23.32	1370	3.3						
	60	14	21.73	1350	3.5						
	71	12	18.31	1280	4.1						
	78	11	16.73	1250	4.5						
	92	9.3	14.12	1190	5.4						
	108	8.0	12.06	1140	6.3						
	116	7.4	11.18	1110	6.8						
	134	6.4	9.67	1060	7.8						
144	6.0	9.01	1040	8.3							
166	5.2	7.85	1000	9.4	R	07	DT	56M4	5.7	218	
174	4.9	7.48	980	8.8	RF	07	DT	56M4	5.7	219	
190	4.5	6.83	960	9.6							
226	3.8	5.76	910	11							
264	3.3	4.92	860	11							
285	3.0	4.57	840	12							
329	2.6	3.95	810	13							
353	2.4	3.68	790	14							
405	2.1	3.21	755	15							
<b>0.12</b>	0.06	13300	21342	62000	1.00						
	0.08	11400	18210	65700	1.15	R	147 R77	DR	63S4	420	246
	0.09	9930	15923	67900	1.30	RF	147 R77	DR	63S4	430	246
	0.10	8780	14075	69400	1.50						
	0.11	7650	12344	70700	1.70						
	0.12	6740	11143	71600	1.95						
	0.14	6040	9743	72200	2.2						
	0.16	4830	8443	73100	2.7	R	147 R77	DR	63S4	420	246
	0.19	4180	7307	73400	3.1	RF	147 R77	DR	63S4	430	246
	0.21	3690	6447	73700	3.5						
	0.25	3190	5568	73900	4.1						
	0.11	8060	12921	53300	1.00						
	0.12	7260	11712	54900	1.10						
	0.13	6390	10573	56400	1.25						
	0.16	5030	8784	58400	1.60	R	137 R77	DR	63S4	290	246
	0.18	4090	7479	59400	1.95	RF	137 R77	DR	63S4	310	246
	0.21	4060	6559	59400	1.95						
	0.24	3190	5834	60200	2.5						
	0.27	3170	5116	60200	2.5						
	0.18	4410	7583	28800	0.95						
	0.20	3690	6743	32400	1.15						
	0.23	3660	5914	32500	1.15						
	0.27	2830	5168	35500	1.50	R	107 R77	DR	63S4	200	246
	0.31	2540	4435	36100	1.70	RF	107 R77	DR	63S4	210	246
	0.35	2270	3896	36500	1.90						
	0.45	1880	3039	36900	2.3						
	0.35	2470	3918	36200	1.75						
	0.41	2110	3343	36700	2.0						
	0.45	1910	3034	36900	2.3	R	107 R77	DR	63S4	195	246
	0.52	1670	2653	37100	2.6	RF	107 R77	DR	63S4	200	246
0.61	1440	2280	37300	3.0							
0.67	1300	2067	37400	3.3							
0.30	3050	4559	17700	1.00	R	97 R57	DR	63S4	130	246	
0.34	2570	4004	23700	1.15	RF	97 R57	DR	63S4	145	246	
0.40	2270	3481	25200	1.30							


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

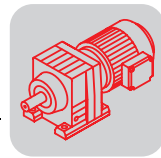
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]		
<b>0.12</b>	<b>0.29</b>	3240	4678	4840	0.95				
	<b>0.32</b>	2980	4309	20400	1.00				
	<b>0.37</b>	2560	3702	23700	1.15				
	<b>0.46</b>	2080	3019	26100	1.45	<b>R</b>	<b>97 R57</b>	<b>DR 63S4</b>	125 246
	<b>0.52</b>	1810	2668	27100	1.65	<b>RF</b>	<b>97 R57</b>	<b>DR 63S4</b>	145 246
	<b>0.61</b>	1480	2245	27700	2.0				
	<b>0.68</b>	1310	2016	27900	2.3				
	<b>0.80</b>	1200	1733	28000	2.5				
	<b>0.45</b>	2120	3065	25900	1.40				
	<b>0.51</b>	1880	2722	26800	1.60				
	<b>0.60</b>	1590	2311	27500	1.90				
	<b>0.66</b>	1430	2078	27700	2.1	<b>R</b>	<b>97 R57</b>	<b>DR 63S4</b>	130 246
	<b>0.76</b>	1240	1823	28000	2.4	<b>RF</b>	<b>97 R57</b>	<b>DR 63S4</b>	145 246
	<b>0.87</b>	1070	1583	28200	2.8				
	<b>0.99</b>	910	1396	28300	3.3				
	<b>1.1</b>	775	1228	28400	3.9				
	<b>0.48</b>	1770	2873	15200	0.90	<b>R</b>	<b>87 R57</b>	<b>DR 63S4</b>	86 246
	<b>0.70</b>	1300	1961	18500	1.20	<b>RF</b>	<b>87 R57</b>	<b>DR 63S4</b>	93 246
	<b>0.53</b>	1790	2595	15000	0.85				
	<b>0.65</b>	1430	2129	17700	1.10	<b>R</b>	<b>87 R57</b>	<b>DR 63S4</b>	85 246
	<b>0.72</b>	1270	1930	18600	1.20	<b>RF</b>	<b>87 R57</b>	<b>DR 63S4</b>	92 246
	<b>0.80</b>	1120	1733	19300	1.40				
	<b>0.79</b>	1150	1737	19200	1.35				
	<b>0.91</b>	1010	1524	19800	1.55				
	<b>1.1</b>	810	1303	20000	1.90				
	<b>1.2</b>	710	1143	20000	2.2	<b>R</b>	<b>87 R57</b>	<b>DR 63S4</b>	85 246
	<b>1.6</b>	585	885	20000	2.7	<b>RF</b>	<b>87 R57</b>	<b>DR 63S4</b>	92 246
	<b>1.8</b>	515	776	20000	3.0				
	<b>2.0</b>	450	685	20000	3.4				
	<b>2.3</b>	360	599	20000	4.3				
	<b>1.1</b>	940	1303	8660	0.85				
	<b>1.2</b>	800	1124	10100	1.05	<b>R</b>	<b>77 R37</b>	<b>DR 63S4</b>	45 246
	<b>1.3</b>	740	1047	10600	1.10	<b>RF</b>	<b>77 R37</b>	<b>DR 63S4</b>	51 246
	<b>1.5</b>	640	915	11300	1.30				
	<b>1.1</b>	820	1218	9910	1.00				
	<b>1.3</b>	740	1084	10600	1.10				
	<b>1.5</b>	665	940	11200	1.25	<b>R</b>	<b>77 R37</b>	<b>DR 63S4</b>	46 246
	<b>1.7</b>	525	821	12000	1.55	<b>RF</b>	<b>77 R37</b>	<b>DR 63S4</b>	52 246
	<b>1.9</b>	480	731	12200	1.70				
	<b>2.1</b>	460	646	12300	1.80				
	<b>2.6</b>	380	520	12600	2.2				
	<b>3.1</b>	325	451	12700	2.5	<b>R</b>	<b>77 R37</b>	<b>DR 63S4</b>	45 246
	<b>3.3</b>	300	422	12800	2.7	<b>RF</b>	<b>77 R37</b>	<b>DR 63S4</b>	51 246
	<b>3.8</b>	255	365	12900	3.2				
	<b>1.6</b>	630	891	7190	0.95				
	<b>1.9</b>	505	730	8530	1.20				
	<b>2.1</b>	440	644	9060	1.35	<b>R</b>	<b>67 R37</b>	<b>DR 63S4</b>	40 246
	<b>2.4</b>	385	571	9430	1.55	<b>RF</b>	<b>67 R37</b>	<b>DR 63S4</b>	43 246
	<b>2.8</b>	320	486	9790	1.85				
	<b>1.7</b>	590	836	7670	1.00				
	<b>1.8</b>	495	750	8630	1.20				
	<b>2.1</b>	440	646	9050	1.35	<b>R</b>	<b>67 R37</b>	<b>DR 63S4</b>	41 246
	<b>2.4</b>	400	574	9330	1.50	<b>RF</b>	<b>67 R37</b>	<b>DR 63S4</b>	44 246
	<b>2.8</b>	345	495	9660	1.75				
	<b>3.1</b>	285	438	9940	2.1				
	<b>1.8</b>	550	782	4650	0.80				
	<b>2.0</b>	455	678	7070	1.00				
	<b>2.3</b>	415	604	7260	1.10				
	<b>2.6</b>	375	537	7400	1.20	<b>R</b>	<b>57 R37</b>	<b>DR 63S4</b>	34 246
	<b>2.9</b>	330	471	7550	1.35	<b>RF</b>	<b>57 R37</b>	<b>DR 63S4</b>	38 246
	<b>3.9</b>	245	357	7770	1.85				
	<b>4.3</b>	215	319	7830	2.1				





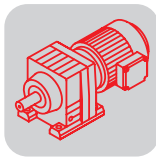
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DR	63S4		
0.12	3.8	260	359	7730	1.75						
	4.3	235	324	7790	1.95						
	4.8	205	290	7840	2.2	R	57 R37	DR	63S4	33	246
	5.3	185	262	7880	2.4	RF	57 R37	DR	63S4	37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


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

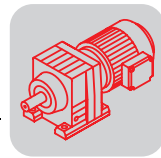
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>0.12</b>	5.1	225	176.88	5760	1.35							
	5.5	210	162.94	5830	1.45	<b>R</b>	<b>47</b>	<b>DR</b>	<b>63M6</b>	18	226	
	6.4	178	139.99	5920	1.70	<b>RF</b>	<b>47</b>	<b>DR</b>	<b>63M6</b>	18	227	
	7.4	155	121.87	5980	1.95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

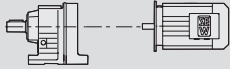



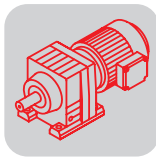
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.12</b>	22	53	60.32	1480	0.95						
	25	45	51.52	1540	1.10						
	27	42	47.78	1550	1.20						
	29	39	44.16	1550	1.30						
	31	36	41.31	1530	1.35						
	32	36	40.34	1520	1.40	R	07	DT	56L4	5.9	218
	34	34	38.51	1510	1.45	RF	07	DT	56L4	5.9	219
	38	30	34.05	1470	1.65						
	45	26	29.08	1410	1.95						
	48	24	26.97	1390	2.1						
	56	21	23.32	1340	2.4						
	60	19	21.73	1310	2.6						
	71	16	18.31	1250	3.1						
	78	15	16.73	1220	3.4						
	92	12	14.12	1170	4.0						
	108	11	12.06	1120	4.7						
	116	9.9	11.18	1090	5.1						
	134	8.5	9.67	1050	5.9						
	144	7.9	9.01	1030	6.3						
	166	6.9	7.85	990	7.1	R	07	DT	56L4	5.7	218
	174	6.6	7.48	970	6.5	RF	07	DT	56L4	5.7	219
	190	6.0	6.83	950	7.2						
	226	5.1	5.76	900	7.8						
	264	4.3	4.92	860	8.6						
	285	4.0	4.57	840	9.0						
	329	3.5	3.95	800	9.7						
	353	3.2	3.68	780	10						
	405	2.8	3.21	750	11						
	227	5.0	6.07	4270	8.6						
	267	4.3	5.18	4050	17	RX	67	DR	63S4	16	208
	305	3.8	4.53	3870	22	RXF	67	DR	63S4	20	209
	321	3.6	4.30*	3810	22						
	251	4.6	5.50*	3360	8.5						
	272	4.2	5.07	3270	8.6						
	317	3.6	4.35	3120	19						
	364	3.1	3.79	2980	22						
	389	2.9	3.55*	2910	24						
	440	2.6	3.14	2800	25	RX	57	DR	63S4	14	206
	474	2.4	2.91	2730	28	RXF	57	DR	63S4	16	207
	523	2.2	2.64*	2640	31						
	582	2.0	2.37	2550	35						
	676	1.7	2.04	2430	41						
	719	1.6	1.92*	2380	43						
	835	1.4	1.65	2260	49						
	<b>0.18</b>	0.09	15000	14075	50900	0.85	R				
0.11		13100	12344	62500	1.00	RF	147 R77	DR	63M4	420	246
0.12		11600	11143	65200	1.10			DR	63M4	430	246
0.14		10300	9743	67300	1.25						
0.16		8550	8443	69700	1.50						
0.18		7400	7307	70900	1.75						
0.20		6530	6447	71800	2.0						
0.24		5640	5568	72500	2.3	R	147 R77	DR	63M4	420	246
0.27		5150	4926	72800	2.5	RF	147 R77	DR	63M4	430	246
0.31		4420	4325	73300	2.9						
0.35		3920	3754	73600	3.3						
0.40		3380	3302	73800	3.9						
0.15		8900	8784	50100	0.90						
0.18		7390	7479	54600	1.10						
0.20		6950	6559	55500	1.15						
0.23		5770	5834	57400	1.40	R	137 R77	DR	63M4	290	246
0.26		5420	5116	57900	1.50	RF	137 R77	DR	63M4	310	246
0.30		4520	4464	59000	1.75						
0.34		3980	3928	59500	2.0						
0.28		5060	4709	58300	1.60						
0.33		4320	4018	59200	1.85						
0.38		3780	3514	59700	2.1	R	137 R77	DR	63M4	280	246
0.40		3590	3338	59900	2.2	RF	137 R77	DR	63M4	300	246
0.45	3150	2929	60200	2.5							


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

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

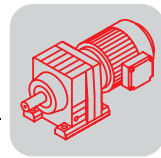




P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DR	63M4		
0.18	2.8	540	471	5250	0.85						
	3.7	405	357	7300	1.10						
	4.1	355	319	7460	1.25	R	57 R37	DR	63M4	34	246
	4.8	300	273	7630	1.50	RF	57 R37	DR	63M4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


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

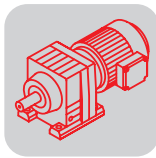
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.18</b>	7.1	245	186.89	7770	1.85						
	7.7	225	172.17	7810	2.0						
	8.9	193	147.92	7870	2.3						
	10	168	128.77	7900	2.7	<b>R</b>	<b>57</b>	<b>DR</b>	<b>63M4</b>	23	228
	11	157	120.63	7920	2.9	<b>RF</b>	<b>57</b>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



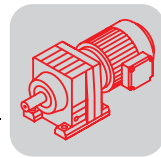


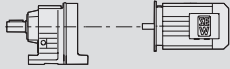

P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DR	63M4		
0.18	52	33	25.23	2110	2.6						
	57	30	23.15	2060	2.8	R	17	DR	63M4	7.3	220
	67	26	19.71	1970	3.3	RF	17	DR	63M4	7.2	221
	78	22	16.99	1890	3.9						
	28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

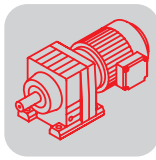
8


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

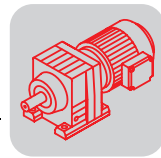
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>0.18</b>	240	7.2	5.50*	3400	5.4							
	261	6.6	5.07	3310	5.5							
	303	5.7	4.35	3150	12							
	348	4.9	3.79	3010	14							
	372	4.6	3.55*	2950	15							
	421	4.1	3.14	2830	16	<b>RX</b>	<b>57</b>	<b>DR</b>	<b>63M4</b>	14	206	
	453	3.8	2.91	2760	18	<b>RXF</b>	<b>57</b>	<b>DR</b>	<b>63M4</b>	16	207	
	500	3.4	2.64*	2670	20							
	557	3.1	2.37	2580	22							
	647	2.7	2.04	2460	26							
	688	2.5	1.92*	2410	28							
799	2.2	1.65	2290	31								
<b>0.25</b>	0.13	15200	9743	48200	0.85							
	0.15	12800	8443	63100	1.00							
	0.18	11000	7307	66200	1.20							
	0.20	9740	6447	68100	1.35							
	0.23	8410	5568	69800	1.55	<b>R</b>	<b>147 R77</b>	<b>DR</b>	<b>63L4</b>	420	246	
	0.26	7600	4926	70700	1.70	<b>RF</b>	<b>147 R77</b>	<b>DR</b>	<b>63L4</b>	430	246	
	0.30	6570	4325	71700	2.0							
	0.35	5790	3754	72400	2.3							
	0.39	5020	3302	72900	2.6							
	0.45	4380	2898	73300	3.0							
	0.22	8670	5834	51100	0.90							
	0.25	7970	5116	53500	1.00	<b>R</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	290	246	
	0.29	6740	4464	55800	1.20	<b>RF</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	310	246	
	0.33	5930	3928	57100	1.35							
	0.28	7430	4709	54600	1.10							
	0.32	6340	4018	56500	1.25	<b>R</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	280	246	
	0.37	5550	3514	57700	1.45	<b>RF</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	300	246	
	0.39	5270	3338	58100	1.50							
	0.44	4620	2929	58900	1.75							
	0.49	4190	2658	59300	1.90							
	0.54	3800	2412	59700	2.1							
	0.63	3270	2073	60100	2.5	<b>R</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	290	246	
	0.71	2810	1839	60500	2.8	<b>RF</b>	<b>137 R77</b>	<b>DR</b>	<b>63L4</b>	310	246	
	0.93	2180	1397	60800	3.7							
	1.1	1890	1226	61000	4.2							
	0.43	4730	3039	25600	0.90	<b>R</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	205	246	
						<b>RF</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	210	246	
	0.43	4790	3034	23600	0.90	<b>R</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	195	246	
						<b>RF</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	200	246	
	0.65	3100	1987	34600	1.40							
	0.71	2790	1827	35600	1.55							
	0.81	2410	1599	36300	1.80	<b>R</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	200	246	
	0.93	2140	1400	36600	2.0	<b>RF</b>	<b>107 R77</b>	<b>DR</b>	<b>63L4</b>	205	246	
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	<b>R</b>	<b>97 R57</b>	<b>DR</b>	<b>63L4</b>	125	246		
0.80	2660	1623	23200	1.15	<b>RF</b>	<b>97 R57</b>	<b>DR</b>	<b>63L4</b>	145	246		
0.71	2960	1823	21100	1.00								
0.82	2570	1583	23700	1.15								
0.93	2230	1396	25400	1.35								
1.1	1940	1228	26600	1.55	<b>R</b>	<b>97 R57</b>	<b>DR</b>	<b>63L4</b>	130	246		
1.2	1750	1069	27300	1.70	<b>RF</b>	<b>97 R57</b>	<b>DR</b>	<b>63L4</b>	145	246		
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	<b>R</b>	<b>87 R57</b>	<b>DR</b>	<b>63L4</b>	85	246		
1.4	1490	931	17400	1.05	<b>RF</b>	<b>87 R57</b>	<b>DR</b>	<b>63L4</b>	93	246		
1.6	1270	802	18600	1.20								

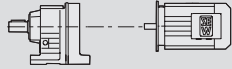



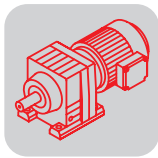
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]		
<b>0.25</b>	1.1	1800	1143	14700	0.85				
	1.5	1420	885	17800	1.10				
	1.7	1250	776	18700	1.25				
	1.9	1100	685	19400	1.40	R	87 R57	DR 63L4	86 246
	2.2	930	599	20000	1.65	RF	87 R57	DR 63L4	93 246
	2.5	820	525	20000	1.90				
	2.9	715	456	20000	2.2				
	4.9	415	268	20000	3.7				
	2.3	920	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	R	57 R37	DR 63L4	35 246	
6.0	340	215	7510	1.30	RF	57 R37	DR 63L4	38 246	
7.0	300	187	7630	1.50					
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	R	57 R37	DR 63L4	34 246	
5.0	435	262	7160	1.05	RF	57 R37	DR 63L4	37 246	
5.3	405	246	7280	1.10					
5.9	360	220	7450	1.25					
5.7	375	228	2440	0.80					
6.7	315	195	5320	0.95	R	47 R37	DR 63L4	29 246	
7.1	295	182	5440	1.00	RF	47 R37	DR 63L4	29 246	
8.5	245	154	5680	1.20					
8.7	250	150	2540	0.80					
10	210	130	4790	0.95	R	37 R17	DR 63L4	18 246	
10	200	124	4930	1.00	RF	37 R17	DR 63L4	19 246	
12	178	110	5200	1.10					
14	152	94	5460	1.30					
9.7	220	135	4660	0.90					
10	215	127	4770	0.95	R	37 R17	DR 63L4	18 246	
13	174	104	5250	1.15	RF	37 R17	DR 63L4	19 246	
14	150	90	5470	1.35					
2.4	1020	289.74	28200	3.0					
2.7	900	255.71	28300	3.3	R	97	DT 80N8	110 236	
2.8	850	241.25	28400	3.5	RF	97	DT 80N8	125 237	
3.1	760	216.28	28400	4.0					


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

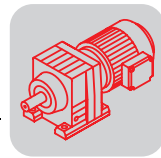
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>0.25</b>	2.8	870	246.54	20000	1.80							
	3.1	760	216.54	20000	2.0	R	87	DT	80N8	68	234	
	3.3	720	205.71	20000	2.2	RF	87	DT	80N8	75	235	
	3.7	640	181.77	20000	2.4							
	4.1	585	166.59	11600	1.40							
	4.7	510	145.67	12000	1.60	R	77	DT	80N8	42	232	
	4.9	485	138.39	12100	1.70	RF	77	DT	80N8	48	233	
	5.6	425	121.42	12400	1.90							
	4.5	530	195.24*	11900	1.55	R	77	DT	71D6	38	232	
	5.3	450	166.59	12300	1.80	RF	77	DT	71D6	44	233	
	6.0	395	145.67	12500	2.1							
	6.7	360	195.24*	12600	2.3							
	7.8	305	166.59	12800	2.7	R	77	DR	63L4	38	232	
	8.9	270	145.67	12900	3.1	RF	77	DR	63L4	43	233	
	9.4	255	138.39	12900	3.2							
	11	225	121.42	13000	3.7							
	4.3	555	158.14	8060	1.10							
	4.9	485	137.67	8730	1.25	R	67	DT	80N8	35	230	
	5.3	455	128.97	8970	1.35	RF	67	DT	80N8	38	231	
	6.0	400	113.94	9340	1.50							
	4.4	540	199.81	8190	1.10							
	4.8	500	184.07	8590	1.20							
	5.6	430	158.14	9140	1.40	R	67	DT	71D6	32	230	
	6.4	375	137.67	9500	1.60	RF	67	DT	71D6	35	231	
	6.8	350	128.97	9630	1.70							
	7.7	310	113.94	9840	1.95							
	8.3	285	105.83	9940	2.1							
	6.5	365	199.81	9540	1.65							
	7.1	340	184.07	9700	1.80							
	8.2	290	158.14	9930	2.1							
	9.4	255	137.67	10100	2.4	R	67	DR	63L4	31	230	
	10	235	128.97	10100	2.5	RF	67	DR	63L4	34	231	
	11	210	113.94	10200	2.9							
	12	194	105.83	10300	3.1							
	14	176	95.91	10300	3.4							
	15	158	86.11	10400	3.8							
	4.7	505	186.89	6450	0.90							
	5.1	465	172.17	7030	0.95							
	6.0	400	147.92	7300	1.10	R	57	DT	71D6	25	228	
	6.8	350	128.77	7480	1.30	RF	57	DT	71D6	29	229	
	7.3	325	120.63	7550	1.35							
	8.3	290	106.58	7660	1.55							
	8.9	270	98.99	7710	1.70							
	7.0	345	186.89	7500	1.30							
	7.5	315	172.17	7590	1.40							
	8.8	270	147.92	7700	1.65							
	10	235	128.77	7780	1.90							
	11	220	120.63	7810	2.0	R	57	DR	63L4	24	228	
12	196	106.58	7860	2.3	RF	57	DR	63L4	27	229		
13	182	98.99	7880	2.5								
14	165	89.71	7910	2.7								
16	148	80.55	7930	3.0								
19	127	69.23	7960	3.5								

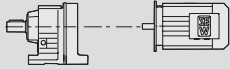



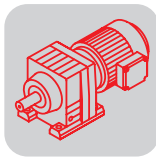
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]		
<b>0.25</b>	7.4	325	176.88	5280	0.90				
	8.0	300	162.94	5420	1.00				
	9.3	255	139.99	5630	1.15				
	11	225	121.87	5770	1.35				
	11	210	114.17	5820	1.45				
	13	185	100.86	5900	1.60				
	14	172	93.68	5940	1.75	R 47	DR 63L4	19	226
	15	156	84.90	5980	1.90	RF 47	DR 63L4	19	227
	17	140	76.23	6020	2.1				
	19	126	68.54	6050	2.4				
	20	118	64.21	6070	2.5				
	23	104	56.73	6090	2.9				
	25	97	52.69	6100	3.1				
	27	88	47.75	6080	3.4				
	9.6	250	134.82	2630	0.80				
	11	225	123.66	4560	0.90				
	12	193	105.28	5030	1.05				
14	167	90.77	5320	1.20					
15	155	84.61	5420	1.30					
18	136	73.96	5590	1.45					
19	127	69.33	5650	1.55	R 37	DR 63L4	15	224	
21	112	61.18	5750	1.80	RF 37	DR 63L4	16	225	
23	102	55.76	5800	1.95					
27	88	48.08	5870	2.3					
29	82	44.81	5760	2.4					
33	72	39.17	5540	2.8					
35	67	36.72	5430	3.0					
40	60	32.40	5230	3.4					
15	156	84.78	4100	0.85					
18	136	74.11	4210	0.95					
19	128	69.47	4250	1.00					
21	113	61.30	4190	1.15					
23	103	55.87	4090	1.25					
27	89	48.17	3940	1.45	R 27	DR 63L4	9.0	222	
29	83	44.90	3870	1.60	RF 27	DR 63L4	8.9	223	
33	72	39.25	3730	1.80					
35	68	36.79	3670	1.90					
40	60	32.47	3540	2.2					
45	53	28.78	3420	2.5					
53	45	24.47	3270	2.9					
46	52	28.37	3410	2.5					
50	48	26.09	3330	2.7					
58	41	22.32	3180	3.2					
67	36	19.35	3050	3.7					
72	33	18.08	2990	3.9					
83	29	15.63	2860	4.5					
98	24	13.28*	2730	5.3					
110	22	11.86	2630	5.9					
128	19	10.13	2510	6.6	R 27	DR 63L4	8.7	222	
138	17	9.41	2440	7.1	RF 27	DR 63L4	8.6	223	
159	15	8.16	2330	7.7					
170	14	7.63*	2290	8.0					
197	12	6.59	2180	8.8					
232	10	5.60*	2080	9.6					
260	9.2	5.00*	2000	10					
304	7.8	4.27	1910	11					
325	7.3	4.00*	1870	12					
386	6.2	3.37	1770	13					
23	105	57.35	156	0.80					
24	99	53.76	785	0.85					
27	87	47.44	1630	1.00					
29	81	44.18	2000	1.05	R 17	DR 63L4	8.3	220	
34	71	38.61	2200	1.20	RF 17	DR 63L4	8.2	221	
36	67	36.20	2180	1.30					
41	59	31.94	2130	1.45					
46	52	28.32	2070	1.65					
54	44	24.07	2000	1.90					


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
0.25	52	46	25.23	2020	1.85						
	56	43	23.15	1980	2.0						
	66	36	19.71	1910	2.4						
	77	31	16.99	1840	2.7	R	17	DR	63L4	8.0	220
	82	29	15.84	1810	2.9	RF	17	DR	63L4	7.9	221
	94	25	13.84	1750	3.4						
	100	24	12.98	1720	3.6						
	114	21	11.45	1660	3.9						
	38	63	34.05	1090	0.80						
	45	53	29.08	1200	0.95	R	07	DR	63L4	7.2	218
	48	50	26.97	1190	1.00	RF	07	DR	63L4	7.2	219
	56	43	23.32	1170	1.15						
	60	40	21.73	1160	1.25						
	71	34	18.31	1120	1.50						
	78	31	16.73	1100	1.65						
	92	26	14.12	1070	1.95						
	108	22	12.06	1030	2.3						
	116	21	11.18	1010	2.4						
	134	18	9.67	980	2.8						
	144	17	9.01	960	3.0						
	166	14	7.85	930	3.4	R	07	DR	63L4	7.0	218
	174	14	7.48	920	3.1	RF	07	DR	63L4	7.0	219
	190	13	6.83	900	3.4						
	226	11	5.76	860	3.8						
	264	9.0	4.92	820	4.1						
	285	8.4	4.57	800	4.3						
	329	7.3	3.95	770	4.7						
	353	6.8	3.68	755	4.9						
	405	5.9	3.21	725	5.3						
	238	10	11.18	840	5.0						
	275	8.7	9.67	810	5.8						
	295	8.1	9.01	795	6.2						
	339	7.0	7.85	765	7.0						
	356	6.7	7.48	755	6.4						
	389	6.1	6.83	735	7.1	R	07	DR	63M2	6.3	218
	461	5.2	5.76	700	7.7	RF	07	DR	63M2	6.3	219
	540	4.4	4.92	665	8.4						
	583	4.1	4.57	650	8.8						
	674	3.5	3.95	625	9.7						
	723	3.3	3.68	610	10						
	829	2.9	3.21	585	11						
	145	17	6.07	4890	2.6						
	170	14	5.18	4650	5.4	RX	67	DT	71D6	19	208
	194	12	4.53	4450	6.7	RXF	67	DT	71D6	23	209
	205	12	4.30*	4380	6.8						
	214	11	6.07	4310	3.9						
251	9.5	5.18	4100	7.9							
287	8.3	4.53	3920	9.9							
302	7.9	4.30*	3860	10							
345	6.9	3.77	3700	13	RX	67	DR	63L4	17	208	
406	5.9	3.20*	3500	17	RXF	67	DR	63L4	21	209	
450	5.3	2.89	3390	20							
511	4.7	2.54	3250	25							
542	4.4	2.40*	3190	28							
636	3.8	2.04	3020	35							
160	15	5.50*	3840	2.6							
174	14	5.07	3740	2.6	RX	57	DT	71D6	16	206	
202	12	4.35	3560	5.8	RXF	57	DT	71D6	18	207	
232	10	3.79	3410	6.7							

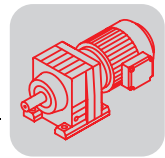


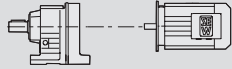

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
0.25	236	10	5.50*	3390	3.9						
	257	9.3	5.07	3300	3.9						
	299	8.0	4.35	3150	8.5						
	343	7.0	3.79	3010	9.9						
	366	6.5	3.55*	2950	11						
	414	5.8	3.14	2830	11	RX	57	DR	63L4	14	206
	446	5.3	2.91	2760	13	RXF	57	DR	63L4	16	207
	492	4.8	2.64*	2680	14						
	548	4.4	2.37	2580	16						
	637	3.7	2.04	2460	19						
	677	3.5	1.92*	2410	20						
787	3.0	1.65	2300	23							
0.37	0.19	15900	7307	37500	0.80						
	0.21	14100	6447	60400	0.90						
	0.25	12100	5568	64300	1.05						
	0.28	10900	4926	66400	1.20	R	147 R77	DT	71D4	420	246
	0.32	9480	4325	68500	1.35	RF	147 R77	DT	71D4	430	246
	0.37	8310	3754	70000	1.55						
	0.42	7240	3302	71100	1.80						
	0.48	6320	2898	71900	2.1						
	0.31	9740	4464	39400	0.80	R	137 R77	DT	71D4	290	246
	0.35	8570	3928	51500	0.95	RF	137 R77	DT	71D4	315	246
	0.34	9080	4018	49200	0.90						
	0.39	7940	3514	53500	1.00						
	0.41	7540	3338	54300	1.05	R	137 R77	DT	71D4	280	246
	0.47	6620	2929	56000	1.20	RF	137 R77	DT	71D4	305	246
	0.56	5600	2484	57600	1.45						
	0.62	5030	2242	58400	1.60						
	0.52	6000	2658	57000	1.35						
	0.57	5440	2412	57800	1.45						
	0.67	4680	2073	58800	1.70						
	0.75	4060	1839	59400	1.95	R	137 R77	DT	71D4	290	246
	0.99	3130	1397	60200	2.6	RF	137 R77	DT	71D4	310	246
	1.1	2720	1226	60500	2.9						
	1.3	2440	1090	60700	3.3						
	1.4	2130	951	60900	3.8						
	0.67	4660	2067	27300	0.90						
	0.82	3790	1693	31900	1.15						
	0.89	3420	1550	33500	1.25	R	107 R77	DT	71D4	195	246
	0.98	3110	1407	34600	1.40	RF	107 R77	DT	71D4	205	246
	1.1	2670	1209	35900	1.60						
	1.3	2330	1055	36400	1.85						
	0.69	4450	1987	28600	0.95						
	0.76	4030	1827	30800	1.05						
	0.86	3490	1599	33200	1.25	R	107 R77	DT	71D4	200	246
	0.99	3090	1400	34600	1.40	RF	107 R77	DT	71D4	210	246
	1.1	2670	1226	35900	1.60						
	1.5	2070	939	36700	2.1						
	1.7	1790	822	37000	2.4						
	1.1	2760	1207	22500	1.10	R	97 R57	DT	71D4	130	246
	1.3	2470	1084	24300	1.20	RF	97 R57	DT	71D4	145	246
	0.99	3180	1396	10800	0.95						
	1.1	2780	1228	22500	1.10						
	1.3	2480	1069	24200	1.20						
	1.5	2160	938	25700	1.40						
	1.7	1860	824	26900	1.60	R	97 R57	DT	71D4	130	246
	1.9	1670	737	27400	1.80	RF	97 R57	DT	71D4	145	246
	2.2	1430	632	27700	2.1						
	3.2	980	431	28200	3.1						
3.6	860	379	28300	3.5							
4.1	765	336	28400	3.9							
1.7	1810	802	13800	0.85	R	87 R57	DT	71D4	87	246	
1.8	1700	754	15800	0.90	RF	87 R57	DT	71D4	94	246	
2.1	1450	649	17600	1.05							

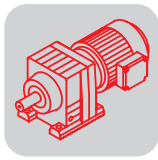

**R..DR/DT/DV**  
**R..D.. [kW]**

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.37</b>	1.8	1780	776	15100	0.85						
	2.0	1570	685	16800	1.00						
	2.3	1340	599	18300	1.15						
	2.6	1170	525	19100	1.30	R	87 R57	DT	71D4	87	246
	3.0	1030	456	19700	1.50	RF	87 R57	DT	71D4	95	246
	5.2	595	268	20000	2.6						
	5.9	525	236	20000	2.9						
	2.6	1260	538	18700	1.25						
	2.9	1100	472	19400	1.40	R	87 R57	DT	71D4	86	246
	3.5	930	400	20000	1.65	RF	87 R57	DT	71D4	93	246
	3.8	830	361	20000	1.85						
	3.7	860	373	9520	0.95						
	4.2	755	327	10500	1.10						
	4.8	670	289	11100	1.20						
	5.3	600	260	11600	1.35	R	77 R37	DT	71D4	48	246
	6.2	510	224	12000	1.60	RF	77 R37	DT	71D4	53	246
	7.0	445	197	12300	1.85						
	8.2	390	169	12500	2.1						
	9.3	340	149	12700	2.4						
	4.7	665	294	4670	0.90						
5.3	600	261	7550	1.00	R	67 R37	DT	71D4	42	246	
5.9	540	234	8220	1.10	RF	67 R37	DT	71D4	45	246	
6.9	460	200	8930	1.30							
2.7	1330	255.71	27900	2.3							
2.8	1250	241.25	28000	2.4	R	97	DT	90S8	115	236	
3.1	1120	216.28	28100	2.7	RF	97	DT	90S8	130	237	
3.6	970	186.30	28300	3.1							
3.1	1140	289.74	28100	2.6							
3.5	1000	255.71	28200	3.0	R	97	DT	80K6	105	236	
3.7	950	241.25	28300	3.2	RF	97	DT	80K6	125	237	
4.2	850	216.28	28400	3.5							
3.1	1130	216.54	19300	1.40	R	87	DT	90S8	73	234	
3.3	1070	205.71	19600	1.45	RF	87	DT	90S8	80	235	
3.7	940	181.77	20000	1.65							
3.6	970	246.54	20000	1.60							
4.2	850	216.54	20000	1.80							
4.4	810	205.71	20000	1.90	R	87	DT	80K6	66	234	
5.0	715	181.77	20000	2.2	RF	87	DT	80K6	73	235	
5.8	610	155.34	20000	2.5							
6.3	560	142.41	20000	2.8							
4.7	755	145.67	10500	1.10	R	77	DT	90S8	47	232	
4.9	720	138.39	10800	1.15	RF	77	DT	90S8	53	233	
5.6	630	121.42	11400	1.30							
5.4	655	166.59	11200	1.25	R	77	DT	80K6	40	232	
6.2	570	145.67	11700	1.45	RF	77	DT	80K6	46	233	
6.5	545	138.39	11900	1.50							
7.1	500	195.24*	12100	1.65							
8.3	425	166.59	12400	1.90							
9.5	375	145.67	12600	2.2	R	77	DT	71D4	38	232	
10	355	138.39	12600	2.3	RF	77	DT	71D4	44	233	
11	310	121.42	12800	2.6							
13	265	102.99	12900	3.1							
15	240	92.97	12900	3.5							
5.7	620	158.14	7300	0.95							
6.5	540	137.67	8210	1.10	R	67	DT	80K6	34	230	
7.0	505	128.97	8530	1.20	RF	67	DT	80K6	37	231	
7.9	445	113.94	9010	1.35							

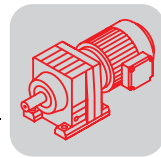


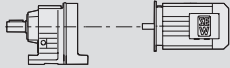



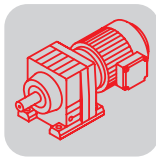
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.37</b>	6.9	510	199.81	8480	1.15						
	7.5	470	184.07	8820	1.25						
	8.7	405	158.14	9310	1.50						
	10	355	137.67	9620	1.70						
	11	330	128.97	9740	1.80						
	12	290	113.94	9920	2.1						
	13	270	105.83	10000	2.2	R	67	DT	71D4	32	230
	14	245	95.91	10100	2.4	RF	67	DT	71D4	35	231
	16	220	86.11	10200	2.7						
	19	190	74.17	10300	3.2						
	20	179	69.75	10300	3.4						
	23	157	61.26	10400	3.8						
	24	146	56.89	10400	4.1						
	7.0	505	128.77	6510	0.90						
	7.5	475	120.63	7000	0.95	R	57	DT	80K6	27	228
	8.4	420	106.58	7240	1.10	RF	57	DT	80K6	31	229
	9.1	390	98.99	7350	1.15						
	7.4	480	186.89	6980	0.95						
	8.0	440	172.17	7140	1.00						
	9.3	380	147.92	7390	1.20						
	11	330	128.77	7550	1.35						
	11	310	120.63	7610	1.45						
	13	275	106.58	7700	1.65						
	14	255	98.99	7750	1.80	R	57	DT	71D4	25	228
15	230	89.71	7800	1.95	RF	57	DT	71D4	29	229	
17	205	80.55	7840	2.2							
20	177	69.23	7890	2.5							
21	166	64.85	7910	2.7							
24	147	57.29	7760	3.1							
26	136	53.22	7600	3.3							
29	124	48.23	7380	3.6							
9.9	360	139.99	3490	0.85							
11	310	121.87	5350	0.95							
12	290	114.17	5460	1.05							
14	260	100.86	5630	1.15							
15	240	93.68	5700	1.25							
16	215	84.90	5790	1.40							
18	195	76.23	5870	1.55							
20	176	68.54	5930	1.70	R	47	DT	71D4	20	226	
21	164	64.21	5960	1.80	RF	47	DT	71D4	20	227	
24	145	56.73	6010	2.1							
26	135	52.69	5990	2.2							
29	122	47.75	5820	2.5							
32	110	42.87	5650	2.7							
37	95	36.93	5410	3.2							
40	89	34.73	5310	3.4							
41	87	33.79	5270	2.8							
44	80	31.12	5150	2.8	R	47	DT	71D4	20	226	
52	69	26.74	4920	4.4	RF	47	DT	71D4	20	227	
59	60	23.28	4720	5.0							
63	56	21.81	4620	5.4							
15	230	90.77	4250	0.85							
16	215	84.61	4720	0.90	R	37	DT	71D4	16	224	
19	189	73.96	5070	1.05	RF	37	DT	71D4	17	225	
20	178	69.33	5210	1.15							
23	157	61.18	5410	1.30							
25	143	55.76	5530	1.40							
29	123	48.08	5590	1.60							
31	115	44.81	5480	1.75	R	37	DT	71D4	16	224	
35	100	39.17	5290	2.0	RF	37	DT	71D4	17	225	
38	94	36.72	5190	2.1							
43	83	32.40	5010	2.4							
48	74	28.73	4850	2.7							
57	63	24.42	4620	3.2							

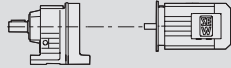


**R..DR/DT/DV**  
**R..D.. [kW]**

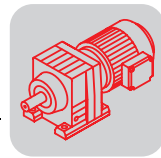
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.37</b>	<b>49</b>	73	28.32	4830	2.8						
	<b>53</b>	67	26.03	4710	2.8	<b>R</b>	<b>37</b>	<b>DT</b>	<b>71D4</b>	16	224
	<b>62</b>	57	22.27	4500	3.5	<b>RF</b>	<b>37</b>	<b>DT</b>	<b>71D4</b>	17	225
	<b>71</b>	49	19.31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





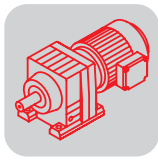
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>0.37</b>	274	13	9.67	780	3.9						
	294	12	9.01	765	4.2						
	337	11	7.85	740	4.7						
	354	10	7.48	730	4.3						
	388	9.1	6.83	715	4.7						
	460	7.7	5.76	680	5.2	R	07	DR	63L2	7.0	218
	538	6.6	4.92	650	5.6	RF	07	DR	63L2	7.0	219
	580	6.1	4.57	640	5.9						
	671	5.3	3.95	610	6.4						
	720	4.9	3.68	600	6.7						
	826	4.3	3.21	575	7.2						
	174	20	5.18	4570	3.7						
	199	18	4.53	4380	4.6	RX	67	DT	80K6	21	208
	209	17	4.30*	4310	4.7	RXF	67	DT	80K6	25	209
	239	15	3.77	4130	5.9						
	227	16	6.07	4200	2.8						
	267	13	5.18	3990	5.6						
	305	12	4.53	3820	7.1						
	321	11	4.30*	3760	7.3						
	366	9.7	3.77	3610	9.0	RX	67	DT	71D4	19	208
	431	8.2	3.20*	3420	12	RXF	67	DT	71D4	23	209
	478	7.4	2.89	3310	14						
	543	6.5	2.54	3170	18						
	575	6.1	2.40*	3110	20						
	675	5.2	2.04	2950	26						
	207	17	4.35	3500	4.0	RX	57	DT	80K6	18	206
	238	15	3.79	3350	4.6	RXF	57	DT	80K6	20	207
	254	14	3.55*	3280	5.0						
251	14	5.50*	3300	2.8							
272	13	5.07	3210	2.8							
317	11	4.35	3060	6.1							
364	9.7	3.79	2930	7.1							
389	9.1	3.55*	2870	7.6							
440	8.0	3.14	2760	8.1	RX	57	DT	71D4	16	206	
474	7.5	2.91	2690	8.9	RXF	57	DT	71D4	18	207	
523	6.8	2.64*	2610	10							
582	6.1	2.37	2520	11							
676	5.2	2.04	2400	13							
719	4.9	1.92*	2350	14							
835	4.2	1.65	2240	16							
<b>0.55</b>	0.22	19800	6077	120000	0.90						
	0.25	17600	5407	120000	1.00	R	167 R97	DT	80K4	750	246
	0.29	15000	4650	120000	1.20	RF	167 R97	DT	80K4	760	246
	0.33	13100	4129	120000	1.35						
	0.28	16900	4926	22000	0.75						
	0.31	14700	4325	53900	0.90	R	147 R77	DT	80K4	425	246
	0.36	12900	3754	62900	1.00	RF	147 R77	DT	80K4	430	246
	0.41	11200	3302	65900	1.15						
	0.47	9830	2898	68000	1.30						
	0.53	8890	2555	69300	1.45						
	0.62	7700	2211	70600	1.70						
	0.70	6790	1951	71500	1.90						
	0.80	5810	1705	72400	2.2	R	147 R77	DT	80K4	420	246
	0.89	5210	1536	72800	2.5	RF	147 R77	DT	80K4	430	246
	1.0	4510	1329	73300	2.9						
	1.2	3920	1166	73600	3.3						
	0.55	8650	2484	51200	0.90	R	137 R77	DT	80K4	280	246
						RF	137 R77	DT	80K4	305	246


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

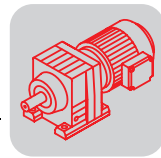
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>0.55</b>	<b>0.51</b>	9250	2658	48400	0.85						
	<b>0.56</b>	8400	2412	52300	0.95						
	<b>0.66</b>	7220	2073	55000	1.10						
	<b>0.74</b>	6320	1839	56500	1.25						
	<b>0.85</b>	5420	1598	57900	1.50	<b>R</b>	<b>137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

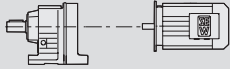



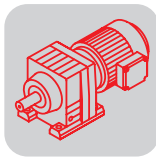
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.55</b>	5.5	950	246.54	20000	1.65						
	6.3	840	216.54	20000	1.85						
	6.6	795	205.71	20000	1.95						
	7.5	700	181.77	20000	2.2						
	8.8	600	155.34	20000	2.6	R	87	DT	80K4	66	234
	9.6	550	142.41	20000	2.8	RF	87	DT	80K4	73	235
	11	485	124.97	20000	3.2						
	11	455	118.43*	20000	3.4						
	13	400	103.65	20000	3.9						
	8.2	645	166.59	11300	1.25						
9.3	565	145.67	11800	1.45							
9.8	535	138.39	11900	1.55							
11	470	121.42	12200	1.75	R	77	DT	80K4	40	232	
13	400	102.99	12500	2.1	RF	77	DT	80K4	46	233	
15	360	92.97	12600	2.3							
17	315	81.80	12800	2.6							
18	300	77.24	12800	2.8							
21	255	65.77	12900	3.2							
8.6	610	158.14	7430	1.00							
9.9	530	137.67	8290	1.15							
11	500	128.97	8600	1.20							
12	440	113.94	9060	1.35							
13	410	105.83	9280	1.45	R	67	DT	80K4	34	230	
14	370	95.91	9520	1.60	RF	67	DT	80K4	37	231	
16	335	86.11	9730	1.80							
18	285	74.17	9940	2.1							
20	270	69.75	10000	2.2							
22	235	61.26	10100	2.5							
24	220	56.89	10200	2.7							
11	465	120.63	7030	0.95							
13	410	106.58	7260	1.10							
14	380	98.99	7370	1.20							
15	345	89.71	7490	1.30							
17	310	80.55	7600	1.45							
20	265	69.23	7710	1.70							
21	250	64.85	7750	1.80	R	57	DT	80K4	27	228	
24	220	57.29	7530	2.0	RF	57	DT	80K4	31	229	
26	205	53.22	7390	2.2							
28	186	48.23	7190	2.4							
31	167	43.30	6980	2.7							
36	144	37.30*	6700	3.1							
39	136	35.07	6580	3.3							
52	102	26.31	6060	4.4							
54	97	24.99*	5970	4.7	R	57	DT	80K4	27	228	
62	85	21.93	5740	5.3	RF	57	DT	80K4	30	229	
73	72	18.60*	5460	6.3							
15	360	93.68	3280	0.85							
16	330	84.90	5230	0.90							
18	295	76.23	5450	1.00							
20	265	68.54	5600	1.15							
21	250	64.21	5670	1.20							
24	220	56.73	5790	1.35	R	47	DT	80K4	22	226	
26	205	52.69	5770	1.45	RF	47	DT	80K4	22	227	
28	184	47.75	5630	1.65							
32	166	42.87	5470	1.80							
37	143	36.93	5260	2.1							
39	134	34.73	5180	2.2							
46	115	29.88	4970	2.6							
51	103	26.74	4820	2.9	R	47	DT	80K4	22	226	
58	90	23.28	4630	3.3	RF	47	DT	80K4	22	227	
62	84	21.81	4550	3.6							


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>0.55</b>	22	235	61.18	3910	0.85							
	24	215	55.76	4740	0.95							
	28	186	48.08	5120	1.10							
	30	173	44.81	5230	1.15							
	35	151	39.17	5070	1.30	R	37	DT	80K4	18	224	
	37	142	36.72	4990	1.40	RF	37	DT	80K4	19	225	
	42	125	32.40	4840	1.60							
	47	111	28.73	4700	1.80							
	56	94	24.42	4500	2.1							
	61	86	22.27	4390	2.3							
	70	75	19.31	4220	2.7							
	75	70	18.05	4140	2.9	R	37	DT	80K4	18	224	
	87	60	15.60	3970	3.3	RF	37	DT	80K4	19	225	
	103	51	13.25	3790	3.7							
	115	46	11.83	3670	4.0							
	35	152	39.25	3280	0.85							
	37	142	36.79	3240	0.90							
	42	125	32.47	3160	1.05	R	27	DT	80K4	12	222	
	47	111	28.78	3080	1.15	RF	27	DT	80K4	12	223	
	56	95	24.47	2970	1.40							
	61	86	22.32	2910	1.50							
	70	75	19.35	2810	1.75							
	75	70	18.08	2760	1.85							
	87	60	15.63	2660	2.2							
	102	51	13.28*	2550	2.5							
	115	46	11.86	2470	2.8							
	134	39	10.13	2370	3.1							
	145	36	9.41	2290	3.4	R	27	DT	80K4	12	222	
	167	32	8.16	2200	3.7	RF	27	DT	80K4	12	223	
	178	29	7.63*	2160	3.8							
	206	26	6.59	2070	4.2							
	243	22	5.60*	1980	4.6							
	272	19	5.00*	1910	4.9							
	318	17	4.27	1830	5.3							
	340	15	4.00*	1790	5.5							
	404	13	3.37	1700	6.1							
	50	105	53.76	235	0.80							
	57	92	47.44	1280	0.90	R	17	DT	71D2	9.2	220	
	61	86	44.18	1610	1.00	RF	17	DT	71D2	9.1	221	
	70	75	38.61	1590	1.15							
	69	76	19.71	1590	1.10							
	80	66	16.99	1560	1.30							
	86	61	15.84	1550	1.40							
	98	54	13.84	1510	1.60							
	105	50	12.98	1500	1.70							
	119	44	11.45	1460	1.85							
134	39	10.15	1430	1.95								
158	33	8.63	1380	2.2	R	17	DT	80K4	11	220		
180	29	7.55	1290	1.90	RF	17	DT	80K4	11	221		
193	27	7.04	1270	2.0								
221	24	6.15	1240	2.3								
236	22	5.76	1220	2.4								
267	20	5.09	1190	2.6								
302	17	4.51	1150	2.8								
355	15	3.83	1110	3.0								
313	17	8.63	1170	4.3								
358	15	7.55	1100	3.8	R	17	DT	71D2	8.9	220		
384	14	7.04	1080	4.0	RF	17	DT	71D2	8.8	221		
439	12	6.15	1050	4.5								

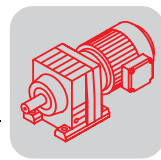


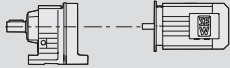

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>0.55</b>	147	36	18.31	810	1.40						
	161	33	16.73	800	1.55						
	191	28	14.12	780	1.80						
	224	24	12.06	760	2.1						
	241	22	11.18	750	2.3						
	279	19	9.67	730	2.7						
	300	18	9.01	720	2.9						
	344	15	7.85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

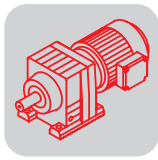

**R..DR/DT/DV**  
**R..D.. [kW]**

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

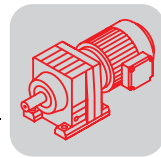


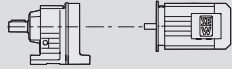



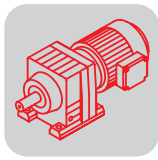
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
0.75	5.6	1280	246.54	18600	1.20						
	6.4	1120	216.54	19300	1.40						
	6.7	1070	205.71	19600	1.45						
	7.6	940	181.77	20000	1.65						
	8.9	810	155.34	20000	1.90	R	87	DT	80N4	68	234
	9.7	740	142.41	20000	2.1	RF	87	DT	80N4	75	235
	11	650	124.97	20000	2.4						
	12	615	118.43*	20000	2.5						
	13	540	103.65	20000	2.9						
	15	485	93.38	20000	3.2						
	8.3	860	166.59	9490	0.95	R	77	DT	80N4	42	232
	9.5	755	145.67	10500	1.10	RF	77	DT	80N4	48	233
	10	720	138.39	10800	1.15						
	11	630	121.42	11400	1.30						
	13	535	102.99	11900	1.55						
	15	485	92.97	12200	1.70						
	17	425	81.80	12400	1.95						
	18	400	77.24	12500	2.1	R	77	DT	80N4	42	232
	21	340	65.77	12700	2.4	RF	77	DT	80N4	48	233
	24	300	57.68	12800	2.7						
	27	270	52.07	12900	3.0						
	30	240	45.81	12900	3.5						
	32	225	43.26	13000	3.7						
	11	670	128.97	4040	0.90						
	12	590	113.94	7660	1.00						
	13	550	105.83	8120	1.10						
	14	500	95.91	8600	1.20						
	16	445	86.11	9010	1.35	R	67	DT	80N4	35	230
	19	385	74.17	9430	1.55	RF	67	DT	80N4	38	231
	20	360	69.75	9570	1.65						
	23	320	61.26	9800	1.90						
	24	295	56.89	9910	2.0						
	27	270	51.56	10000	2.2						
	30	240	46.29	10100	2.5						
	13	555	106.58	4610	0.80						
	14	515	98.99	6200	0.90						
	15	465	89.71	7040	0.95	R	57	DT	80N4	28	228
	17	420	80.55	7240	1.10	RF	57	DT	80N4	32	229
	20	360	69.23	7450	1.25						
	21	335	64.85	7430	1.35						
	24	295	57.29	7220	1.50						
	26	275	53.22	7090	1.65						
	29	250	48.23	6930	1.80						
	32	225	43.30	6740	2.0	R	57	DT	80N4	28	228
	37	194	37.30*	6490	2.3	RF	57	DT	80N4	32	229
	39	182	35.07	6380	2.5						
	46	157	30.18	6130	2.9						
	51	140	26.97	5940	3.2						
	52	137	26.31	5900	3.3						
	55	130	24.99*	5820	3.5	R	57	DT	80N4	28	228
63	114	21.93	5610	4.0	RF	57	DT	80N4	31	229	
74	97	18.60*	5350	4.7							
20	355	68.54	3660	0.85	R	47	DT	80N4	23	226	
21	335	64.21	4950	0.90	RF	47	DT	80N4	23	227	
24	295	56.73	5450	1.00							
26	275	52.69	5480	1.10							
29	250	47.75	5370	1.20							
32	225	42.87	5240	1.35	R	47	DT	80N4	23	226	
37	192	36.93	5060	1.55	RF	47	DT	80N4	23	227	
40	180	34.73	4980	1.65							
46	155	29.88	4800	1.95							
52	139	26.70	4660	2.2							
58	122	23.59	4510	2.5							
52	139	26.74	4660	2.2							
59	121	23.28	4490	2.5							
63	113	21.81	4420	2.7	R	47	DT	80N4	23	226	
72	100	19.27	4270	3.0	RF	47	DT	80N4	23	227	
77	93	17.89	4180	3.1							
85	84	16.22	4070	3.3							


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

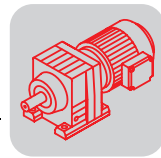
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>0.75</b>	29	250	48.08	2330	0.80							
	31	235	44.81	4230	0.85	R	37	DT	80N4	19	224	
	35	205	39.17	4720	1.00	RF	37	DT	80N4	20	225	
	38	191	36.72	4740	1.05							
	43	168	32.40	4610	1.20	R	37	DT	80N4	19	224	
	48	149	28.73	4490	1.35	RF	37	DT	80N4	20	225	
	57	127	24.42	4320	1.60							
	62	116	22.27	4230	1.75							
	71	100	19.31	4080	2.0							
	76	94	18.05	4010	2.1							
	88	81	15.60	3850	2.5	R	37	DT	80N4	19	224	
	104	69	13.25	3690	2.8	RF	37	DT	80N4	20	225	
	117	61	11.83	3570	3.0							
	137	53	10.11	3420	3.2							
	146	49	9.47	3360	3.4							
	48	149	28.78	2880	0.85	R	27	DT	80N4	13	222	
	56	127	24.47	2800	1.00	RF	27	DT	80N4	13	223	
	62	116	22.32	2750	1.10							
	71	100	19.35	2670	1.30							
	76	94	18.08	2630	1.40							
	88	81	15.63	2550	1.60							
	104	69	13.28*	2450	1.90							
	116	62	11.86	2380	2.1							
	136	53	10.13	2290	2.3	R	27	DT	80N4	13	222	
	147	49	9.41	2210	2.5	RF	27	DT	80N4	13	223	
	169	42	8.16	2130	2.7							
	181	40	7.63*	2090	2.8							
	209	34	6.59	2010	3.1							
	246	29	5.60*	1930	3.4							
	276	26	5.00*	1870	3.7							
	70	102	19.71	465	0.85							
	81	88	16.99	1390	0.95							
	87	82	15.84	1380	1.05							
	100	72	13.84	1370	1.20							
	106	67	12.98	1360	1.25							
	121	59	11.45	1350	1.35							
	136	53	10.15	1320	1.45							
	160	45	8.63	1290	1.60	R	17	DT	80N4	12	220	
	183	39	7.55	1200	1.45	RF	17	DT	80N4	12	221	
	196	37	7.04	1180	1.50							
	224	32	6.15	1160	1.70							
	239	30	5.76	1150	1.75							
	271	26	5.09	1120	1.95							
	306	23	4.51	1090	2.1							
	360	20	3.83	1060	2.3							
	236	30	11.45	1200	2.7							
	266	27	10.15	1170	2.9							
	313	23	8.63	1130	3.1							
	358	20	7.55	1060	2.8							
	384	19	7.04	1040	2.9	R	17	DT	80K2	11	220	
439	16	6.15	1010	3.3	RF	17	DT	80K2	11	221		
468	15	5.76	990	3.5								
531	14	5.09	960	3.8								
599	12	4.51	930	4.0								
704	10	3.83	890	4.4								
199	36	4.53	4260	2.3								
209	34	4.30*	4200	2.3	RX	67	DT	90S6	27	208		
239	30	3.77	4040	2.9	RXF	67	DT	90S6	31	209		
281	26	3.20*	3840	3.9								



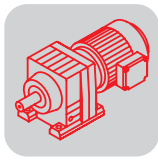
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>0.75</b>	267	27	5.18	3900	2.8						
	305	24	4.53	3750	3.5						
	321	22	4.30*	3690	3.6						
	366	20	3.77	3540	4.4						
	431	17	3.20*	3360	6.0						
	478	15	2.89	3260	7.1	RX	67	DT	80N4	22	208
	543	13	2.54	3130	8.9	RXF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


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

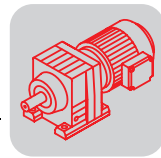
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
1.1	2.3	4150	614	30200	1.05							
	2.6	3670	544	32500	1.15							
	2.8	3310	492	33900	1.30							
	3.4	2810	417	35500	1.55	R	107 R77	DT	90S4	210	246	
	3.8	2510	369	36200	1.70	RF	107 R77	DT	90S4	215	246	
	4.3	2200	323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

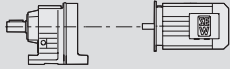



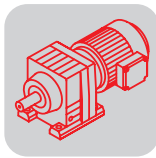
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DT	90S4		
1.1	16	645	86.11	6820	0.95						
	19	555	74.17	8040	1.10						
	20	525	69.75	8370	1.15						
	23	460	61.26	8920	1.30						
	25	425	56.89	9160	1.40						
	27	385	51.56	9420	1.55	R	67	DT	90S4	40	230
	30	345	46.29	9650	1.75	RF	67	DT	90S4	43	231
	35	300	39.88*	9890	1.95						
	37	280	37.50	9970	2.0						
	43	240	32.27	10100	2.2						
	49	215	28.83	10200	2.4						
	50	210	28.13	10200	2.6						
	52	200	26.72	10100	2.7	R	67	DT	90S4	39	230
	60	176	23.44	9730	3.2	RF	67	DT	90S4	42	231
	70	149	19.89	9270	4.0						
	20	520	69.23	5990	0.85	R	57	DT	90S4	34	228
	22	485	64.85	6850	0.90	RF	57	DT	90S4	37	229
	24	430	57.29	6700	1.05						
	26	400	53.22	6610	1.15						
	29	360	48.23	6490	1.25						
	32	325	43.30	6350	1.40	R	57	DT	90S4	34	228
	38	280	37.30*	6140	1.60	RF	57	DT	90S4	37	229
	40	265	35.07	6060	1.70						
	46	225	30.18	5850	2.0						
	52	200	26.97	5690	2.2						
	53	197	26.31	5650	2.3						
	56	188	24.99*	5580	2.4	R	57	DT	90S4	33	228
64	165	21.93	5400	2.7	RF	57	DT	90S4	36	229	
75	140	18.60*	5170	3.2							
83	126	16.79	5030	3.6							
29	360	47.75	3500	0.85							
33	320	42.87	4850	0.95							
38	275	36.93	4720	1.10	R	47	DT	90S4	28	226	
40	260	34.73	4660	1.15	RF	47	DT	90S4	28	227	
47	225	29.88	4520	1.35							
52	200	26.70	4410	1.50							
59	177	23.59	4290	1.70							
60	175	23.28	4270	1.70							
64	164	21.81	4210	1.85							
73	145	19.27	4080	2.0							
78	134	17.89	4010	2.2							
86	122	16.22	3910	2.3	R	47	DT	90S4	28	226	
96	109	14.56	3800	2.4	RF	47	DT	90S4	28	227	
112	94	12.54	3650	2.7							
119	89	11.79	3590	2.8							
138	76	10.15	3450	3.0							
154	68	9.07	3340	3.2							
43	245	32.40	2900	0.80	R	37	DT	90S4	24	224	
49	215	28.73	3300	0.95	RF	37	DT	90S4	26	225	
57	183	24.42	3720	1.10							
73	145	19.31	3840	1.40	R	37	DT	90S4	24	224	
78	135	18.05	3790	1.50	RF	37	DT	90S4	25	225	
90	117	15.60	3660	1.70							
106	99	13.25	3520	1.90							
118	89	11.83	3430	2.1							
139	76	10.11	3290	2.2							
148	71	9.47	3230	2.4	R	37	DT	90S4	24	224	
176	60	7.97	3090	2.6	RF	37	DT	90S4	25	225	
210	50	6.67	2920	2.9							
247	43	5.67	2790	3.3							
277	38	5.06	2700	3.6							


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>1.1</b>	72	145	19.35	2430	0.90						
	77	136	18.08	2410	0.95						
	90	117	15.63	2360	1.10						
	105	100	13.28*	2290	1.30						
	118	89	11.86	2240	1.45						
	138	76	10.13	2160	1.60						
	172	61	8.16	2010	1.90	<b>R</b>	<b>27</b>	<b>DT</b>	<b>90S4</b>	18	222
	184	57	7.63*	1980	1.95	<b>RF</b>	<b>27</b>	<b>DT</b>	<b>90S4</b>	18	223
	212	50	6.59	1920	2.1						
	250	42	5.60*	1840	2.4						
	280	38	5.00*	1790	2.5						
	328	32	4.27	1720	2.7						
	350	30	4.00*	1690	2.8						
	415	25	3.37	1610	3.1						
	203	52	13.28*	1980	2.5						
	228	46	11.86	1920	2.8						
	267	39	10.13	1840	3.1						
	287	37	9.41	1780	3.3						
	331	32	8.16	1720	3.7						
	354	30	7.63*	1690	3.8	<b>R</b>	<b>27</b>	<b>DT</b>	<b>80N2</b>	13	222
410	26	6.59	1620	4.1	<b>RF</b>	<b>27</b>	<b>DT</b>	<b>80N2</b>	13	223	
482	22	5.60*	1550	4.5							
540	20	5.00*	1500	4.9							
632	17	4.27	1430	5.2							
675	16	4.00*	1410	5.5							
801	13	3.37	1340	6.0							
137	77	19.71	1150	1.10							
159	66	16.99	1140	1.30							
170	62	15.84	1140	1.40							
195	54	13.84	1120	1.60							
208	51	12.98	1120	1.70							
236	45	11.45	1100	1.80							
266	40	10.15	1080	1.95	<b>R</b>	<b>17</b>	<b>DT</b>	<b>80N2</b>	12	220	
313	34	8.63	1050	2.1	<b>RF</b>	<b>17</b>	<b>DT</b>	<b>80N2</b>	12	221	
358	29	7.55	970	1.90							
384	27	7.04	960	2.0							
439	24	6.15	940	2.3							
468	22	5.76	930	2.4							
531	20	5.09	910	2.6							
599	18	4.51	880	2.7							
704	15	3.83	850	3.0							
249	42	5.63	5680	2.6	<b>RX</b>	<b>77</b>	<b>DT</b>	<b>90S4</b>	37	210	
262	40	5.35*	5590	2.6	<b>RXF</b>	<b>77</b>	<b>DT</b>	<b>90S4</b>	40	211	
296	36	4.73	5380	3.5							
203	52	4.53	4130	1.60	<b>RX</b>	<b>67</b>	<b>DT</b>	<b>90L6</b>	29	208	
214	49	4.30*	4070	1.65	<b>RXF</b>	<b>67</b>	<b>DT</b>	<b>90L6</b>	33	209	
244	43	3.77	3920	2.0							
309	34	4.53	3660	2.4							
326	32	4.30*	3610	2.5							
371	28	3.77	3470	3.1							
438	24	3.20*	3300	4.2							
485	22	2.89	3200	4.9							
551	19	2.54	3070	6.2	<b>RX</b>	<b>67</b>	<b>DT</b>	<b>90S4</b>	27	208	
583	18	2.40*	3020	6.8	<b>RXF</b>	<b>67</b>	<b>DT</b>	<b>90S4</b>	31	209	
685	15	2.04	2870	8.8							
754	14	1.86	2780	9.1							
870	12	1.61	2660	9.4							
1000	11	1.40*	2550	9.9							
243	43	3.79	3120	1.60							
259	41	3.55*	3060	1.70							
293	36	3.14	2960	1.80	<b>RX</b>	<b>57</b>	<b>DT</b>	<b>90L6</b>	26	206	
316	33	2.91	2900	2.0	<b>RXF</b>	<b>57</b>	<b>DT</b>	<b>90L6</b>	28	207	
348	30	2.64*	2820	2.3							

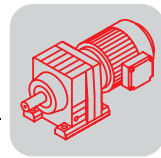


$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>1.1</b>	369	28	3.79	2780	2.4						
	394	27	3.55*	2730	2.6						
	446	24	3.14	2630	2.8						
	481	22	2.91	2570	3.1						
	530	20	2.64*	2500	3.5						
	591	18	2.37	2420	3.9	RX	57	DT	90S4	24	206
	686	15	2.04	2310	4.5	RXF	57	DT	90S4	26	207
	729	14	1.92*	2270	4.8						
	847	12	1.65	2160	5.6						
	948	11	1.48	2090	6.1						
1075	9.8	1.30	2010	6.4							
<b>1.5</b>	0.60	21400	2333	120000	0.85						
	0.68	19000	2085	120000	0.95						
	0.75	17000	1877	120000	1.05						
	0.84	15100	1670	120000	1.20	R	167 R97	DT	90L4	760	246
	0.98	13300	1438	120000	1.35	RF	167 R97	DT	90L4	760	246
	1.1	11800	1279	120000	1.50						
	1.3	10300	1123	120000	1.75						
	1.4	9180	999	120000	1.95						
	3.3	3920	426	73600	3.3	R	147 R87	DT	90L4	450	246
	3.8	3380	368	73800	3.8	RF	147 R87	DT	90L4	460	246
	0.83	15900	1705	37900	0.80						
	0.92	14300	1536	58600	0.90						
	1.1	12400	1329	63900	1.05						
	1.2	10800	1166	66500	1.20						
	1.4	9530	1029	68400	1.35	R	147 R77	DT	90L4	430	246
	1.6	8250	889	70000	1.60	RF	147 R77	DT	90L4	440	246
	1.8	7260	784	71100	1.80						
	2.0	6420	695	71900	2.0						
	2.3	5780	619	72400	2.3						
	2.5	5200	558	72800	2.5						
	1.4	9770	1043	38800	0.80						
	1.6	8290	888	52700	0.95	R	137 R77	DT	90L4	290	246
	2.0	6500	699	56200	1.25	RF	137 R77	DT	90L4	315	246
	2.3	5640	609	57600	1.40						
	1.3	10200	1090	26100	0.80						
	1.5	8940	951	49900	0.90						
	1.7	7750	831	53900	1.05						
	1.9	6770	730	55800	1.20						
	2.2	5800	629	57300	1.40	R	137 R77	DT	90L4	300	246
	2.5	5230	560	58100	1.55	RF	137 R77	DT	90L4	320	246
	2.9	4530	490	59000	1.75						
	3.3	3950	428	59600	2.0						
	3.7	3560	381	59900	2.3						
	4.4	3020	323	60300	2.7						
	2.7	4900	528	18500	0.90	R	107 R77	DT	90L4	205	246
						RF	107 R77	DT	90L4	215	246
	2.6	5030	544	10400	0.85						
	2.9	4550	492	28100	0.95						
	3.4	3850	417	31700	1.10	R	107 R77	DT	90L4	210	246
	3.8	3440	369	33400	1.25	RF	107 R77	DT	90L4	220	246
4.4	3000	323	34900	1.45							
3.0	4470	469	28500	0.95	R	107 R77	DT	90L4	205	246	
					RF	107 R77	DT	90L4	210	246	
4.2	3170	336	11300	0.95							
4.8	2790	296	22400	1.10	R	97 R57	DT	90L4	140	246	
5.7	2330	249	24900	1.30	RF	97 R57	DT	90L4	155	246	
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	190	238	
4.1	3530	172.34	33100	1.20	RF	107	DV	112M8	195	239	
4.4	3250	158.68	34100	1.30							

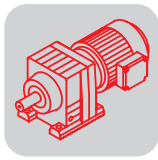

**R..DR/DT/DV**  
**R..D.. [kW]**

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

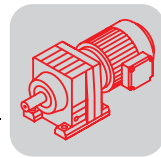


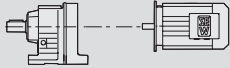



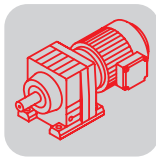
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DT	90L4		
1.5	54	265	26.31	5390	1.70						
	56	255	24.99*	5330	1.75						
	64	225	21.93	5170	2.0						
	76	189	18.60*	4980	2.4	R	57	DT	90L4	35	228
	84	171	16.79	4850	2.6	RF	57	DT	90L4	38	229
	95	150	14.77*	4700	2.9						
	101	142	13.95*	4630	3.0						
	119	121	11.88	4440	3.4						
	38	375	36.93	2380	0.80						
	41	355	34.73	3840	0.85						
	47	305	29.88	4220	1.00	R	47	DT	90L4	30	226
	53	270	26.70	4140	1.10	RF	47	DT	90L4	30	227
	60	240	23.59	4050	1.25						
	61	235	23.28	4040	1.25						
	65	220	21.81	3990	1.35						
	73	196	19.27	3890	1.50						
	79	182	17.89	3830	1.60						
	87	165	16.22	3740	1.65						
	97	148	14.56	3650	1.80						
	112	127	12.54	3520	1.95						
	120	120	11.79	3470	2.1						
	139	103	10.15	3340	2.2	R	47	DT	90L4	30	226
	155	92	9.07	3240	2.4	RF	47	DT	90L4	30	227
	176	81	8.01	3140	2.5						
	182	79	7.76*	3060	2.1						
	203	71	6.96	2980	2.3						
	235	61	6.00	2860	2.6						
	250	57	5.64*	2810	2.7						
	291	49	4.85	2700	3.0						
	325	44	4.34	2610	3.3						
	368	39	3.83	2520	3.7						
	73	196	19.31	2660	1.00	R	37	DT	90L4	25	224
	78	183	18.05	2840	1.10	RF	37	DT	90L4	27	225
	90	159	15.60	3160	1.25						
	106	135	13.25	3350	1.40						
	119	120	11.83	3270	1.50						
	140	103	10.11	3160	1.65						
	149	96	9.47	3110	1.75						
	177	81	7.97	2980	1.95						
	211	68	6.67	2820	2.1	R	37	DT	90L4	25	224
	249	58	5.67	2710	2.5	RF	37	DT	90L4	27	225
	279	51	5.06	2630	2.6						
326	44	4.32	2520	2.9							
348	41	4.05	2470	3.0							
414	35	3.41	2360	3.2							
211	68	13.25	2850	2.8							
237	61	11.83	2770	3.0							
277	52	10.11	2650	3.3	R	37	DT	90S2	24	224	
296	48	9.47	2610	3.5	RF	37	DT	90S2	25	225	
351	41	7.97	2480	3.8							
90	159	15.63	1700	0.80							
106	135	13.28*	2020	0.95							
119	121	11.86	2080	1.05							
139	103	10.13	2030	1.20							
173	83	8.16	1880	1.40							
185	78	7.63*	1860	1.45	R	27	DT	90L4	19	222	
214	67	6.59	1810	1.60	RF	27	DT	90L4	19	223	
252	57	5.60*	1750	1.75							
282	51	5.00*	1710	1.85							
330	43	4.27	1650	2.0							
353	41	4.00*	1630	2.1							
418	34	3.37	1560	2.3							


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

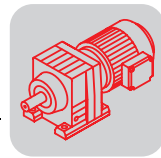
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>1.5</b>	236	61	11.86	1820	2.1						
	276	52	10.13	1760	2.4						
	343	42	8.16	1640	2.8						
	367	39	7.63*	1610	2.9						
	425	34	6.59	1550	3.2	<b>R</b>	<b>27</b>	<b>DT</b>	<b>90S2</b>	18	222
	500	29	5.60*	1490	3.5	<b>RF</b>	<b>27</b>	<b>DT</b>	<b>90S2</b>	18	223
	560	26	5.00*	1450	3.7						
	656	22	4.27	1390	4.0						
	700	21	4.00*	1360	4.2						
	831	17	3.37	1300	4.6						
	250	57	5.63	5580	1.90						
	264	54	5.35*	5490	1.90						
	298	48	4.73	5300	2.6						
	349	41	4.04*	5050	3.5						
	381	38	3.70	4920	4.1	<b>RX</b>	<b>77</b>	<b>DT</b>	<b>90L4</b>	38	210
	434	33	3.25*	4720	5.5	<b>RXF</b>	<b>77</b>	<b>DT</b>	<b>90L4</b>	41	211
	458	31	3.08*	4650	6.2						
	523	27	2.70	4460	7.9						
	581	25	2.43	4310	8.7						
	312	46	4.53	3570	1.80						
	328	44	4.30*	3520	1.85						
	374	38	3.77	3390	2.3						
	441	33	3.20*	3230	3.1						
	488	29	2.89	3140	3.6	<b>RX</b>	<b>67</b>	<b>DT</b>	<b>90L4</b>	29	208
	555	26	2.54	3020	4.6	<b>RXF</b>	<b>67</b>	<b>DT</b>	<b>90L4</b>	33	209
	588	24	2.40*	2970	5.0						
	690	21	2.04	2820	6.4						
759	19	1.86	2740	6.7							
876	16	1.61	2620	7.0							
1005	14	1.40*	2510	7.3							
372	39	3.79	2700	1.80							
397	36	3.55*	2650	1.90							
450	32	3.14	2560	2.0							
484	30	2.91	2510	2.3							
534	27	2.64*	2440	2.6							
595	24	2.37	2360	2.9	<b>RX</b>	<b>57</b>	<b>DT</b>	<b>90L4</b>	26	206	
691	21	2.04	2260	3.3	<b>RXF</b>	<b>57</b>	<b>DT</b>	<b>90L4</b>	28	207	
734	20	1.92*	2220	3.5							
853	17	1.65	2120	4.1							
955	15	1.48	2050	4.5							
1080	13	1.30	1980	4.7							
<b>2.2</b>	0.84	22600	1670	120000	0.80						
	0.98	19700	1438	120000	0.90						
	1.1	17500	1279	120000	1.05						
	1.3	15300	1123	120000	1.15	<b>R</b>	<b>167 R97</b>	<b>DV</b>	<b>100M4</b>	770	246
	1.4	13600	999	120000	1.30	<b>RF</b>	<b>167 R97</b>	<b>DV</b>	<b>100M4</b>	770	246
	1.6	11800	861	120000	1.55						
	1.9	10400	760	120000	1.75						
	2.1	8730	656	120000	2.1						
	2.6	7200	533	71100	1.80						
	3.1	6190	462	72100	2.1	<b>R</b>	<b>147 R87</b>	<b>DV</b>	<b>100M4</b>	460	246
	3.3	5820	426	72400	2.2	<b>RF</b>	<b>147 R87</b>	<b>DV</b>	<b>100M4</b>	465	246
	3.8	5030	368	72900	2.6						
	4.3	4450	326	73300	2.9						
	1.2	16000	1166	36000	0.80						
	1.4	14100	1029	60300	0.90						
	1.6	12200	889	64200	1.05						
	1.8	10800	784	66600	1.20	<b>R</b>	<b>147 R77</b>	<b>DV</b>	<b>100M4</b>	435	246
	2.0	9520	695	68500	1.35	<b>RF</b>	<b>147 R77</b>	<b>DV</b>	<b>100M4</b>	445	246
	2.3	8550	619	69700	1.50						
	2.5	7690	558	70600	1.70						
	2.9	6730	489	71600	1.95						
2.0	9620	699	41800	0.85	<b>R</b>	<b>137 R77</b>	<b>DV</b>	<b>100M4</b>	295	246	
2.3	8350	609	52500	0.95	<b>RF</b>	<b>137 R77</b>	<b>DV</b>	<b>100M4</b>	320	246	



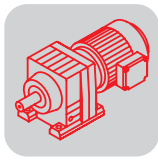
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
2.2	1.9	10000	730	33300	0.80						
	2.2	8610	629	51400	0.95						
	2.5	7730	560	54000	1.05						
	2.9	6720	490	55900	1.20						
	3.3	5860	428	57200	1.35	R	137 R77	DV	100M4	305	246
	3.7	5260	381	58100	1.50	RF	137 R77	DV	100M4	330	246
	4.4	4460	323	59000	1.80						
	4.8	4020	291	59500	2.0						
	5.5	3510	255	59900	2.3						
	6.3	3070	223	60300	2.6						
	4.4	4450	323	28600	0.95						
	4.9	3920	285	31400	1.10	R	107 R77	DV	100M4	220	246
	5.6	3470	253	33300	1.25	RF	107 R77	DV	100M4	225	246
	6.6	2940	214	35100	1.45						
	4.4	4540	325	28100	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						
	4.0	5230	174.40*	58100	1.55	R	137	DV	132S8	295	240
	4.5	4690	156.31	58800	1.70	RF	137	DV	132S8	320	241
	5.0	4240	141.12*	59300	1.90						
	5.5	3850	128.18	59600	2.1						
	6.2	3410	113.72	60000	2.3	R	137	DV	132S8	295	240
	6.8	3100	103.20*	60300	2.6	RF	137	DV	132S8	320	241
	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	R	107	DV	100M4	180	238
	6.1	3430	229.95	33500	1.25	RF	107	DV	100M4	185	239
	6.9	3030	203.16	34900	1.40						
	8.2	2570	172.34	36100	1.65						
	8.9	2360	158.68	36300	1.80						
	9.9	2110	141.83	36600	2.0	R	107	DV	100M4	180	238
	11	1900	127.68	36900	2.3	RF	107	DV	100M4	185	239
	12	1720	115.63	37000	2.5						
	14	1530	102.53	37200	2.8						
	15	1380	92.70	37300	3.1						
	6.5	3220	216.28	7030	0.95	R	97	DV	100M4	125	236
	7.6	2780	186.30	22500	1.10	RF	97	DV	100M4	140	237
	8.3	2530	170.02	23900	1.20						
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	R	97	DV	100M4	125	236	
20	1080	72.17	28200	2.8	RF	97	DV	100M4	140	237	
22	970	65.21	27700	3.1							
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	R	87	DV	100M4	82	234	
15	1390	93.38	17900	1.10	RF	87	DV	100M4	89	235	
17	1220	81.92	18900	1.25							
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	R	87	DV	100M4	82	234	
34	620	41.74	19900	2.5	RF	87	DV	100M4	89	235	
38	550	36.84*	19200	2.8							
43	485	32.66*	18500	3.2							

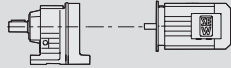


**R..DR/DT/DV**  
**R..D.. [kW]**

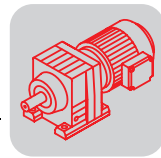
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R RF	87 87	DV DV	100M4 100M4		
<b>2.2</b>	<b>41</b>	515	34.40*	18800	2.9						
	<b>45</b>	470	31.40	18300	3.3						
	<b>51</b>	415	27.84*	17700	3.7	R	87	DV	100M4	81	234
	<b>60</b>	350	23.40	16800	4.5	RF	87	DV	100M4	88	235
	<b>66</b>	320	21.51	16400	4.7						
	<b>21</b>	980	65.77	5470	0.85						
	<b>24</b>	860	57.68	9540	0.95	R	77	DV	100M4	55	232
	<b>27</b>	775	52.07	10300	1.05	RF	77	DV	100M4	61	233
	<b>31</b>	685	45.81	11000	1.20						
	<b>33</b>	645	43.26	11300	1.25						
	<b>38</b>	550	36.83	11800	1.50	R	77	DV	100M4	55	232
	<b>42</b>	500	33.47	12100	1.65	RF	77	DV	100M4	61	233
	<b>49</b>	430	29.00	12100	1.90						
	<b>56</b>	375	25.23	11700	2.1						
	<b>60</b>	350	23.37	11400	2.4						
	<b>66</b>	320	21.43	11200	2.6	R	77	DV	100M4	54	232
	<b>75</b>	280	18.80	10800	2.8	RF	77	DV	100M4	60	233
	<b>79</b>	265	17.82*	10600	2.9						
	<b>90</b>	230	15.60	10200	3.2						
	<b>100</b>	210	14.05	9910	3.4						
<b>35</b>	595	39.88*	7630	1.00							
<b>38</b>	560	37.50	8020	1.00	R	67	DV	100M4	49	230	
<b>44</b>	480	32.27	8750	1.10	RF	67	DV	100M4	52	231	
<b>49</b>	430	28.83	9140	1.20							
<b>60</b>	350	23.44	9140	1.60							
<b>71</b>	295	19.89	8760	2.0							
<b>79</b>	270	17.95	8530	2.2							
<b>89</b>	235	15.79	8240	2.4							
<b>95</b>	220	14.91	8110	2.5	R	67	DV	100M4	48	230	
<b>111</b>	189	12.70	7760	2.8	RF	67	DV	100M4	51	231	
<b>122</b>	172	11.54	7560	2.9							
<b>141</b>	149	10.00	7250	3.2							
<b>162</b>	130	8.70*	6960	3.4							
<b>181</b>	116	7.79	6760	3.3							
<b>38</b>	555	37.30*	4490	0.80							
<b>40</b>	525	35.07	5110	0.85	R	57	DV	100M4	43	228	
<b>47</b>	450	30.18	5030	1.00	RF	57	DV	100M4	46	229	
<b>52</b>	400	26.97	4960	1.10							
<b>64</b>	325	21.93	4800	1.40							
<b>76</b>	275	18.60*	4660	1.60							
<b>84</b>	250	16.79	4570	1.80							
<b>95</b>	220	14.77*	4450	2.0							
<b>101</b>	210	13.95*	4390	2.1	R	57	DV	100M4	42	228	
<b>119</b>	177	11.88	4230	2.3	RF	57	DV	100M4	45	229	
<b>131</b>	161	10.79	4140	2.4							
<b>151</b>	139	9.35	4000	2.7							
<b>156</b>	135	9.06	3980	2.8							
<b>177</b>	119	7.97	3850	3.0							
<b>107</b>	197	26.31	4340	2.3							
<b>112</b>	187	24.99*	4290	2.4							
<b>128</b>	164	21.93	4160	2.8							
<b>151</b>	139	18.60*	3990	3.2	R	57	DT	90L2	35	228	
<b>167</b>	126	16.79	3890	3.6	RF	57	DT	90L2	38	229	
<b>190</b>	111	14.77*	3760	3.9							
<b>201</b>	104	13.95*	3710	4.1							

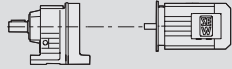



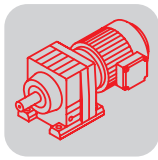
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DT	DV		
2.2	73	285	19.27	3550	1.05						
	87	240	16.22	3460	1.15						
	97	215	14.56	3400	1.20						
	112	187	12.54	3310	1.35						
	120	176	11.79	3270	1.40						
	139	151	10.15	3160	1.50						
	155	135	9.07	3090	1.65						
	176	119	8.01	3000	1.70	R	47	DV	100M4	37	226
	182	116	7.76*	2910	1.40	RF	47	DV	100M4	37	227
	203	104	6.96	2840	1.55						
	235	89	6.00	2740	1.75						
	250	84	5.64*	2700	1.85						
	291	72	4.85	2600	2.1						
	325	65	4.34	2530	2.3						
	368	57	3.83	2440	2.5						
	121	174	23.28	3260	1.70						
	129	163	21.81	3220	1.85						
	146	144	19.27	3130	2.1						
	157	134	17.89	3080	2.2						
	173	121	16.22	3010	2.3	R	47	DT	90L2	30	226
	193	109	14.56	2930	2.4	RF	47	DT	90L2	30	227
	224	94	12.54	2830	2.7						
	238	88	11.79	2780	2.8						
	277	76	10.15	2680	3.0						
	310	68	9.07	2600	3.2						
	351	60	8.01	2510	3.4						
	90	230	15.60	1070	0.85	R	37	DV	100M4	31	224
	106	198	13.25	1660	0.95	RF	37	DV	100M4	33	225
	119	176	11.83	1990	1.05						
	140	151	10.11	2360	1.15						
	149	141	9.47	2480	1.20						
	177	119	7.97	2750	1.30						
	211	99	6.67	2470	1.45	R	37	DV	100M4	31	224
	249	84	5.67	2570	1.70	RF	37	DV	100M4	33	225
	279	75	5.06	2500	1.80						
	326	64	4.32	2410	1.95						
348	60	4.05	2370	2.0							
414	51	3.41	2270	2.2							
146	144	19.31	2440	1.40	R	37	DT	90L2	25	224	
156	135	18.05	2560	1.50	RF	37	DT	90L2	27	225	
180	117	15.60	2780	1.70							
212	99	13.25	2700	1.90							
237	89	11.83	2630	2.1							
278	76	10.11	2540	2.3							
297	71	9.47	2500	2.4							
352	60	7.97	2390	2.6	R	37	DT	90L2	25	224	
421	50	6.67	2260	2.9	RF	37	DT	90L2	27	225	
496	42	5.67	2170	3.4							
555	38	5.06	2100	3.6							
650	32	4.32	2010	3.9							
694	30	4.05	1980	4.0							
824	26	3.41	1880	4.4							
139	151	10.13	1120	0.80							
214	98	6.59	1130	1.10							
252	83	5.60*	1390	1.20	R	27	DV	100M4	26	222	
282	75	5.00*	1540	1.30	RF	27	DV	100M4	26	223	
330	64	4.27	1540	1.35							
353	60	4.00*	1520	1.45							
418	50	3.37	1470	1.55							
212	99	13.28*	1710	1.30							
237	89	11.86	1680	1.45							
277	76	10.13	1640	1.60							
344	61	8.16	1520	1.90							
369	57	7.63*	1500	1.95							
426	49	6.59	1460	2.2	R	27	DT	90L2	20	222	
502	42	5.60*	1410	2.4	RF	27	DT	90L2	19	223	
562	37	5.00*	1380	2.5							
658	32	4.27	1330	2.7							
703	30	4.00*	1310	2.8							
834	25	3.37	1250	3.1							


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>2.2</b>	298	70	4.73	5180	1.75						
	349	60	4.04*	4950	2.4						
	381	55	3.70	4820	2.8						
	434	48	3.25*	4640	3.8						
	458	46	3.08*	4560	4.2						
	523	40	2.70	4380	5.4	<b>RX</b>	<b>77</b>	<b>DV</b>	<b>100M4</b>	45	210
	581	36	2.43	4250	5.9	<b>RXF</b>	<b>77</b>	<b>DV</b>	<b>100M4</b>	48	211
	662	32	2.13	4080	6.3						
	750	28	1.88*	3920	6.7						
	846	25	1.67	3780	7.0						
	991	21	1.42	3590	7.3						
	374	56	3.77	3280	1.55						
	441	48	3.20*	3130	2.1						
	488	43	2.89	3050	2.5						
	555	38	2.54	2940	3.1	<b>RX</b>	<b>67</b>	<b>DV</b>	<b>100M4</b>	36	208
	588	36	2.40*	2890	3.4	<b>RXF</b>	<b>67</b>	<b>DV</b>	<b>100M4</b>	40	209
	690	30	2.04	2760	4.4						
	759	28	1.86	2680	4.6						
	876	24	1.61	2570	4.8						
	1005	21	1.40*	2460	5.0						
	450	47	3.14	2450	1.40						
	534	39	2.64*	2340	1.75						
	595	35	2.37	2280	1.95						
	691	30	2.04	2190	2.3	<b>RX</b>	<b>57</b>	<b>DV</b>	<b>100M4</b>	33	206
	734	29	1.92*	2150	2.4	<b>RXF</b>	<b>57</b>	<b>DV</b>	<b>100M4</b>	35	207
	853	25	1.65	2060	2.8						
	955	22	1.48	1990	3.1						
1080	19	1.30	1930	3.3							
<b>3.0</b>	1.2	21200	1123	120000	0.85						
	1.4	18900	999	120000	0.95						
	1.6	16300	861	120000	1.10	<b>R</b>	<b>167 R97</b>	<b>DV</b>	<b>100L4</b>	770	246
	1.8	14400	760	120000	1.25	<b>RF</b>	<b>167 R97</b>	<b>DV</b>	<b>100L4</b>	780	246
	2.1	12200	656	120000	1.50						
	2.8	9330	503	120000	1.95						
	2.6	9990	533	67800	1.30						
	3.0	8610	462	69600	1.50						
	3.3	8060	426	70200	1.60	<b>R</b>	<b>147 R87</b>	<b>DV</b>	<b>100L4</b>	465	246
	3.8	6960	368	71400	1.85	<b>RF</b>	<b>147 R87</b>	<b>DV</b>	<b>100L4</b>	470	246
	4.3	6150	326	72100	2.1						
	5.0	5230	280	72800	2.5						
	1.6	16900	889	21900	0.75						
	1.8	14900	784	52000	0.85						
	2.0	13200	695	62300	1.00	<b>R</b>	<b>147 R77</b>	<b>DV</b>	<b>100L4</b>	440	246
	2.3	11800	619	64900	1.10	<b>RF</b>	<b>147 R77</b>	<b>DV</b>	<b>100L4</b>	450	246
	2.5	10600	558	66900	1.20						
	2.9	9280	490	48100	0.85						
	3.3	8100	428	53200	1.00						
	3.7	7260	381	54900	1.10						
	4.3	6160	323	56800	1.30	<b>R</b>	<b>137 R77</b>	<b>DV</b>	<b>100L4</b>	310	246
	4.8	5540	291	57700	1.45	<b>RF</b>	<b>137 R77</b>	<b>DV</b>	<b>100L4</b>	335	246
	5.5	4840	255	58600	1.65						
	6.3	4240	223	59300	1.90						
	2.7	9990	517	34100	0.80	<b>R</b>	<b>137 R77</b>	<b>DV</b>	<b>100L4</b>	300	246
	3.1	8760	453	50700	0.90	<b>RF</b>	<b>137 R77</b>	<b>DV</b>	<b>100L4</b>	325	246
	5.5	4790	253	23500	0.90						
	6.5	4060	214	30700	1.05	<b>R</b>	<b>107 R77</b>	<b>DV</b>	<b>100L4</b>	225	246
	7.5	3550	187	33000	1.20	<b>RF</b>	<b>107 R77</b>	<b>DV</b>	<b>100L4</b>	230	246
	5.5	4930	256	17400	0.85	<b>R</b>	<b>107 R77</b>	<b>DV</b>	<b>100L4</b>	215	246
						<b>RF</b>	<b>107 R77</b>	<b>DV</b>	<b>100L4</b>	225	246

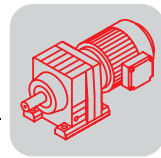




P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	132M8		
3.0	3.2	8860	222.60*	50300	0.90						
	3.8	7500	188.45	54400	1.05	R	137	DV	132M8	305	240
	4.1	6940	174.40*	55500	1.15	RF	137	DV	132M8	325	241
	4.6	6220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

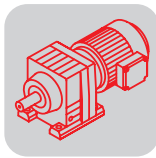

**R..DR/DT/DV**  
**R..D.. [kW]**

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

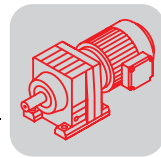




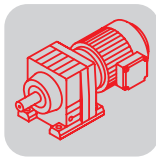
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	100M2		
3.0	237	121	11.79	2670	2.0						
	276	104	10.15	2580	2.2						
	309	93	9.07	2510	2.4						
	349	82	8.01	2430	2.5						
	361	79	7.76*	2370	2.1						
	402	71	6.96	2310	2.2	R	47	DV	100M2	37	226
	467	61	6.00	2220	2.5	RF	47	DV	100M2	37	227
	496	58	5.64*	2190	2.7						
	577	50	4.85	2100	3.0						
	646	44	4.34	2040	3.3						
	731	39	3.83	1970	3.7						
	139	205	10.11	780	0.80	R	37	DV	100L4	35	224
	148	194	9.47	1010	0.85	RF	37	DV	100L4	37	225
	176	163	7.97	1510	0.95						
	210	137	6.67	1250	1.05						
	247	116	5.67	1630	1.25						
	277	104	5.06	1830	1.30	R	37	DV	100L4	35	224
	324	88	4.32	2070	1.45	RF	37	DV	100L4	37	225
	346	83	4.05	2140	1.45						
	411	70	3.41	2180	1.60						
	277	103	10.11	2340	1.65						
	296	97	9.47	2380	1.70						
	351	82	7.97	2290	1.90						
	420	68	6.67	2170	2.1	R	37	DV	100M2	31	224
	494	58	5.67	2090	2.5	RF	37	DV	100M2	33	225
	553	52	5.06	2030	2.6						
	648	44	4.32	1950	2.9						
	692	41	4.05	1920	3.0						
	821	35	3.41	1840	3.2						
	250	115	5.60*	360	0.85						
	280	102	5.00*	615	0.95	R	27	DV	100L4	30	222
	328	87	4.27	910	1.00	RF	27	DV	100L4	30	223
	350	82	4.00*	1010	1.05						
	415	69	3.37	1230	1.15						
	425	67	6.59	1260	1.55						
	500	57	5.60*	1330	1.75						
	560	51	5.00*	1300	1.85	R	27	DV	100M2	26	222
	656	44	4.27	1260	2.0	RF	27	DV	100M2	26	223
	700	41	4.00*	1240	2.1						
	831	35	3.37	1200	2.3						
	217	132	6.45	7130	1.45						
	252	114	5.56*	6830	2.0	RX	87	DV	100L4	66	212
	276	104	5.07	6650	2.4	RXF	87	DV	100L4	71	213
	311	92	4.50*	6430	3.2						
	370	77	3.78	6100	3.9						
	296	97	4.73	5050	1.25						
	347	83	4.04*	4830	1.75	RX	77	DV	100L4	49	210
	378	76	3.70	4720	2.0	RXF	77	DV	100L4	52	211
	431	67	3.25*	4550	2.7						
	455	63	3.08*	4480	3.1						
	371	77	3.77	3150	1.15						
	438	66	3.20*	3030	1.55						
	485	59	2.89	2950	1.80						
	551	52	2.54	2850	2.3	RX	67	DV	100L4	40	208
	583	49	2.40*	2810	2.5	RXF	67	DV	100L4	44	209
	685	42	2.04	2690	3.2						
	754	38	1.86	2610	3.3						
	870	33	1.61	2510	3.5						
	1000	29	1.40*	2410	3.6						
	446	64	3.14	2330	1.00						
	530	54	2.64*	2240	1.30						
	591	49	2.37	2180	1.40						
	686	42	2.04	2100	1.65	RX	57	DV	100L4	37	206
	729	39	1.92*	2070	1.75	RXF	57	DV	100L4	39	207
	847	34	1.65	1990	2.0						
	948	30	1.48	1930	2.3						
	1075	27	1.30	1870	2.4						


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

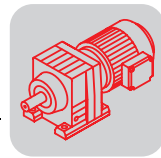
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>4.0</b>	1.7	21500	861	120000	0.85						
	1.9	19000	760	120000	0.95						
	2.2	16100	656	120000	1.10	R	167 R97	DV	112M4	780	246
	2.8	12400	503	120000	1.45	RF	167 R97	DV	112M4	780	246
	3.8	9260	376	120000	1.95						
	4.2	8240	335	120000	2.2						
	2.7	13200	533	62200	1.00						
	3.1	11400	462	65600	1.15						
	3.3	10600	426	66800	1.20						
	3.9	9190	368	68900	1.40						
	4.4	8130	326	70200	1.60	R	147 R87	DV	112M4	470	246
	5.1	6920	280	71400	1.90	RF	147 R87	DV	112M4	475	246
	5.7	6110	247	72100	2.1						
	6.7	5280	214	72800	2.5						
	7.5	4670	189	73200	2.8						
	9.0	3920	159	73600	3.3						
	2.3	15500	619	43200	0.85						
	2.5	14000	558	60500	0.95	R	147 R77	DV	112M4	445	246
	2.9	12300	489	64100	1.05	RF	147 R77	DV	112M4	455	246
	3.4	10400	415	67200	1.25						
	3.7	9570	381	42700	0.85						
	4.4	8120	323	53100	1.00	R	137 R77	DV	112M4	315	246
	4.9	7310	291	54800	1.10	RF	137 R77	DV	112M4	340	246
	5.6	6390	255	56400	1.25						
	6.4	5600	223	57600	1.45						
	3.8	9560	376	43000	0.85	R	137 R77	DV	112M4	305	246
	4.2	8600	339	51400	0.95	RF	137 R77	DV	112M4	330	246
	4.8	7540	297	54300	1.05						
	7.6	4680	187	27200	0.90	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							

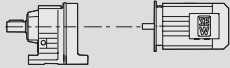



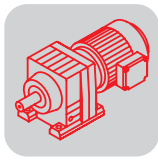
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	112M4		
4.0	12	3130	116.48	13800	0.95						
	14	2780	103.44	22400	1.10						
	15	2490	92.48	24100	1.20						
	17	2240	83.15	25400	1.35						
	20	1940	72.17	26600	1.55						
	22	1750	65.21	26000	1.70	R	97	DV	112M4	135	236
	24	1610	59.92	25500	1.85	RF	97	DV	112M4	150	237
	27	1430	53.21	24700	2.1						
	30	1280	47.58	24000	2.3						
	33	1150	42.78	23400	2.6						
	38	1000	37.13	22500	3.0						
	43	890	33.25	21800	3.2						
	44	860	32.05	21600	3.0						
	52	730	27.19	20600	3.5						
	57	675	25.03	20100	4.2	R	97	DV	112M4	130	236
	63	600	22.37	19500	4.5	RF	97	DV	112M4	150	237
	71	540	20.14	18900	4.8						
	22	1710	63.68*	13300	0.90	R	87	DV	112M4	91	234
	24	1620	60.35*	13900	0.95	RF	87	DV	112M4	98	235
	27	1420	52.82	15200	1.10						
	30	1280	47.58	16000	1.20						
	34	1120	41.74	16800	1.40						
	39	990	36.84*	17400	1.55	R	87	DV	112M4	91	234
	43	880	32.66*	17500	1.75	RF	87	DV	112M4	98	235
	51	750	27.88	16800	2.0						
	41	930	34.40*	17600	1.60						
	45	840	31.40	17400	1.85						
	51	750	27.84*	16800	2.1						
	61	630	23.40	16100	2.5						
	66	580	21.51	15700	2.6	R	87	DV	112M4	90	234
	74	515	19.10	15200	2.8	RF	87	DV	112M4	97	235
	83	460	17.08*	14700	3.0						
	92	415	15.35	14300	3.2						
107	360	13.33	13700	3.6							
119	320	11.93	13300	3.8							
39	990	36.83	4070	0.85							
42	900	33.47	9100	0.90	R	77	DV	112M4	65	232	
49	780	29.00	10300	1.05	RF	77	DV	112M4	71	233	
56	680	25.23	10800	1.15							
61	630	23.37	10600	1.30							
66	575	21.43	10400	1.40							
76	505	18.80	10100	1.55							
80	480	17.82*	9950	1.65							
91	420	15.60	9630	1.75							
101	380	14.05	9380	1.90							
115	330	12.33	9070	2.1	R	77	DV	112M4	64	232	
131	295	10.88	8780	2.3	RF	77	DV	112M4	70	233	
147	260	9.64	8500	2.4							
165	230	8.59	8320	2.7							
183	210	7.74	8070	2.9							
209	183	6.79	7770	3.2							
237	161	5.99*	7490	3.4							
267	143	5.31*	7230	3.6							
71	535	19.89	7960	1.10							
79	485	17.95	7800	1.20							
90	425	15.79	7600	1.30							
95	400	14.91	7510	1.35							
112	340	12.70	7240	1.50							
123	310	11.54	7080	1.60							
142	270	10.00	6840	1.75	R	67	DV	112M4	59	230	
163	235	8.70*	6600	1.90	RF	67	DV	112M4	62	231	
182	210	7.79	6440	1.80							
193	198	7.36*	6340	1.85							
227	169	6.27	6070	1.95							
249	153	5.70	5920	2.0							
288	133	4.93	5680	2.2							
331	116	4.29	5460	2.3							


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

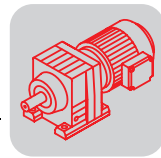
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
4.0	76	500	18.60*	3520	0.90							
	85	450	16.79	3830	1.00	R	57	DV	112M4	53	228	
	96	395	14.77*	3800	1.10	RF	57	DV	112M4	56	229	
	102	375	13.95*	3780	1.15							
	120	320	11.88	3710	1.25							
	132	290	10.79	3660	1.35							
	152	250	9.35	3580	1.45							
	157	245	9.06	3590	1.55							
	178	215	7.97	3500	1.65	R	57	DV	112M4	53	228	
	189	205	7.53	3470	1.75	RF	57	DV	112M4	56	229	
	222	172	6.41	3350	1.95							
	244	157	5.82	3280	2.0							
	281	136	5.05	3180	2.3							
	323	118	4.39	3070	2.4							
	140	275	10.15	1960	0.85							
	157	245	9.07	2350	0.90							
	177	215	8.01	2640	0.95							
	204	187	6.96	2480	0.85							
	237	161	6.00	2430	0.95	R	47	DV	112M4	48	226	
	252	152	5.64*	2410	1.00	RF	47	DV	112M4	48	227	
	293	131	4.85	2350	1.15							
	327	117	4.34	2300	1.25							
	371	103	3.83	2250	1.40							
	176	215	16.22	2640	1.25							
	196	195	14.56	2600	1.35							
	228	168	12.54	2540	1.50							
	242	158	11.79	2510	1.55							
	282	136	10.15	2440	1.70							
	315	121	9.07	2390	1.80							
	357	107	8.01	2320	1.90	R	47	DV	112M2	48	226	
	369	104	7.76*	2250	1.55	RF	47	DV	112M2	48	227	
	411	93	6.96	2200	1.70							
	477	80	6.00	2130	1.95							
	507	75	5.64*	2100	2.1							
	589	65	4.85	2020	2.3							
	660	58	4.34	1970	2.5							
	746	51	3.83	1910	2.8							
	255	150	5.56*	6630	1.50							
	280	137	5.07	6470	1.85	RX	87	DV	112M4	71	212	
	316	121	4.50*	6260	2.4	RXF	87	DV	112M4	76	213	
	375	102	3.78	5960	3.0							
	351	109	4.04*	4670	1.30							
	383	100	3.70	4560	1.55							
	437	87	3.25*	4410	2.1							
	461	83	3.08*	4350	2.3							
	527	73	2.70	4190	3.0	RX	77	DV	112M4	55	210	
	585	65	2.43	4070	3.3	RXF	77	DV	112M4	58	211	
	667	57	2.13	3920	3.5							
	755	51	1.88*	3780	3.7							
	852	45	1.67	3650	3.9							
	998	38	1.42	3480	4.1							
	444	86	3.20*	2870	1.15							
	492	78	2.89	2810	1.35							
	559	68	2.54	2730	1.75							
	592	65	2.40*	2690	1.90	RX	67	DV	112M4	47	208	
	695	55	2.04	2580	2.4	RXF	67	DV	112M4	51	209	
	765	50	1.86	2520	2.5							
	883	43	1.61	2420	2.6							
	1015	38	1.40*	2330	2.8							
	538	71	2.64*	1670	0.95							
	599	64	2.37	1780	1.10							
	696	55	2.04	1910	1.25							
	740	52	1.92*	1940	1.35	RX	57	DV	112M4	44	206	
	859	44	1.65	1900	1.55	RXF	57	DV	112M4	46	207	
	962	40	1.48	1840	1.70							
	1090	35	1.30	1790	1.80							



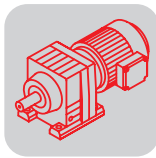
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
5.5	2.2	22200	656	120000	0.80						
	2.5	19400	579	120000	0.95						
	2.8	17000	503	120000	1.05						
	3.3	14500	432	120000	1.25	R	167 R97	DV	132S4	780	246
	3.8	12700	376	120000	1.40	RF	167 R97	DV	132S4	790	246
	4.3	11300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


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>5.5</b>	17	3050	83.15	17600	1.00							
	20	2650	72.17	21800	1.15							
	22	2390	65.21	24600	1.25							
	24	2200	59.92	24200	1.35							
	27	1950	53.21	23600	1.55	<b>R</b>	<b>97</b>	<b>DV</b>	<b>132S4</b>	140	236	
	30	1750	47.58	23000	1.70	<b>RF</b>	<b>97</b>	<b>DV</b>	<b>132S4</b>	155	237	
	33	1570	42.78	22500	1.90							
	39	1360	37.13	21700	2.2							
	43	1220	33.25	21100	2.4							
	52	1010	27.58	20100	2.6							
	45	1180	32.05	20900	2.2							
	53	1000	27.19	20000	2.6							
	57	920	25.03	19600	3.1	<b>R</b>	<b>97</b>	<b>DV</b>	<b>132S4</b>	135	236	
	64	820	22.37	19000	3.3	<b>RF</b>	<b>97</b>	<b>DV</b>	<b>132S4</b>	155	237	
	71	740	20.14	18400	3.5							
	78	670	18.24	17900	3.7							
	88	595	16.17	17300	4.0							
	30	1750	47.58	15400	0.90							
	34	1530	41.74	17000	1.00	<b>R</b>	<b>87</b>	<b>DV</b>	<b>132S4</b>	97	234	
	39	1350	36.84*	17200	1.15	<b>RF</b>	<b>87</b>	<b>DV</b>	<b>132S4</b>	105	235	
	44	1200	32.66*	16700	1.30							
	51	1020	27.88	16100	1.45							
	51	1020	27.84*	16100	1.50							
	61	860	23.40	15500	1.80							
	66	790	21.51	15200	1.90							
	75	700	19.10	14700	2.1							
	84	625	17.08*	14300	2.2							
	93	565	15.35	13900	2.4	<b>R</b>	<b>87</b>	<b>DV</b>	<b>132S4</b>	96	234	
	107	490	13.33	13400	2.6	<b>RF</b>	<b>87</b>	<b>DV</b>	<b>132S4</b>	105	235	
	120	440	11.93	13000	2.8							
	144	365	9.90*	12300	3.3							
	156	335	9.14*	12200	3.6							
	174	300	8.22	11800	3.8							
	200	260	7.13	11300	4.1							
	76	690	18.80	9240	1.15	<b>R</b>	<b>77</b>	<b>DV</b>	<b>132S4</b>	71	232	
	80	655	17.82*	9400	1.20	<b>RF</b>	<b>77</b>	<b>DV</b>	<b>132S4</b>	77	233	
	92	575	15.60	9150	1.30							
	102	515	14.05	8950	1.40							
	116	455	12.33	8690	1.50							
	131	400	10.88	8440	1.65							
	148	355	9.64	8190	1.80	<b>R</b>	<b>77</b>	<b>DV</b>	<b>132S4</b>	71	232	
	166	315	8.59	8080	2.0	<b>RF</b>	<b>77</b>	<b>DV</b>	<b>132S4</b>	77	233	
	185	285	7.74	7860	2.2							
	211	250	6.79	7580	2.3							
	239	220	5.99*	7320	2.5							
	269	195	5.31*	7070	2.6							
	91	580	15.79	6610	0.95							
	96	550	14.91	6900	1.00							
	113	465	12.70	6810	1.10							
	124	425	11.54	6690	1.20							
143	365	10.00	6500	1.30								
164	320	8.70*	6310	1.40	<b>R</b>	<b>67</b>	<b>DV</b>	<b>132S4</b>	64	230		
183	285	7.79	6180	1.35	<b>RF</b>	<b>67</b>	<b>DV</b>	<b>132S4</b>	67	231		
194	270	7.36*	6100	1.35								
228	230	6.27	5860	1.45								
251	210	5.70	5720	1.50								
290	181	4.93	5510	1.60								
333	158	4.29	5310	1.70								
331	159	8.70*	5300	2.8								
369	142	7.79	5160	2.7								
391	134	7.36*	5080	2.8								
460	114	6.27	4860	2.9	<b>R</b>	<b>67</b>	<b>DV</b>	<b>132S2</b>	64	230		
506	104	5.70	4730	3.0	<b>RF</b>	<b>67</b>	<b>DV</b>	<b>132S2</b>	67	231		
584	90	4.93	4540	3.2								
671	78	4.29	4350	3.5								

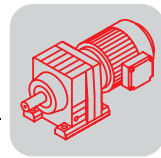


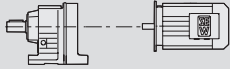

P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	132S4		
5.5	97	545	14.77*	1730	0.80						
	103	510	13.95*	2070	0.85	R	57	DV	132S4	58	228
	120	435	11.88	2900	0.95	RF	57	DV	132S4	61	229
	132	395	10.79	3270	1.00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

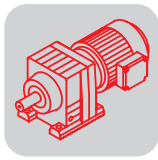

**R..DR/DT/DV**  
**R..D.. [kW]**

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

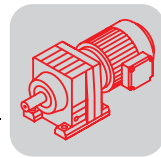




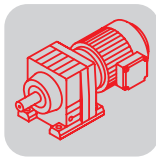
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
7.5	15	4640	92.70	27500	0.95						
	18	3940	78.57	31300	1.10						
	20	3650	72.88	31300	1.20						
	22	3290	65.60*	30600	1.30						
	24	2980	59.41	30000	1.45	R	107	DV	132M4	215	238
	27	2640	52.68	29200	1.65	RF	107	DV	132M4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


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

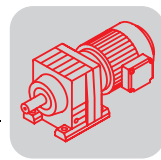
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
7.5	179	400	7.97	980	0.90						
	190	375	7.53	1280	0.95						
	223	320	6.41	2020	1.05	R	57	DV	132M4	81	228
	246	290	5.82	2380	1.10	RF	57	DV	132M4	84	229
	283	255	5.05	2760	1.20						
	326	220	4.39	2710	1.25						
	196	365	14.77*	2580	1.20						
	208	345	13.95*	2780	1.25						
	244	295	11.88	2780	1.40						
	269	265	10.79	2750	1.45						
	310	230	9.35	2710	1.60	R	57	DV	132M2	87	228
	364	197	7.97	2670	1.80	RF	57	DV	132M2	90	229
	385	186	7.53	2640	1.90						
	452	158	6.41	2570	2.1						
	498	144	5.82	2520	2.2						
	575	125	5.05	2440	2.5						
	660	108	4.39	2370	2.6						
	216	330	6.63*	10100	1.40						
	255	280	5.61	9690	1.60	RX	107	DV	132M4	155	216
	276	260	5.19	9490	2.7	RXF	107	DV	132M4	170	217
	307	235	4.65	9210	3.0						
	340	210	4.20*	8950	3.9						
	247	290	5.79	8080	1.45						
	291	245	4.91	7750	1.60						
	316	225	4.52	7580	2.6	RX	97	DV	132M4	125	214
	354	205	4.04	7360	2.9	RXF	97	DV	132M4	130	215
	393	182	3.64*	7160	3.3						
	434	165	3.30	6960	3.6						
	489	146	2.92	6730	4.1						
	318	225	4.50*	5760	1.30						
	378	189	3.78	5530	1.60						
	411	174	3.48	5420	2.3						
	463	155	3.09	5260	2.6						
	518	138	2.76*	5110	2.9	RX	87	DV	132M4	99	212
	576	124	2.48	4970	3.3	RXF	87	DV	132M4	105	213
	664	108	2.15	4780	3.6						
	741	97	1.93	4640	3.7						
	894	80	1.60*	4400	3.9						
	1030	70	1.39	4230	4.2						
	440	163	3.25*	3820	1.10						
	464	154	3.08*	3890	1.25						
	530	135	2.70	3820	1.60						
589	122	2.43	3730	1.75	RX	77	DV	132M4	83	210	
671	107	2.13	3620	1.85	RXF	77	DV	132M4	86	211	
761	94	1.88*	3510	2.0							
858	84	1.67	3400	2.1							
1005	71	1.42	3260	2.2							
563	127	2.54	1500	0.95							
596	120	2.40*	1610	1.00							
700	102	2.04	1810	1.30	RX	67	DV	132M4	75	208	
770	93	1.86	1930	1.35	RXF	67	DV	132M4	79	209	
889	81	1.61	2060	1.40							
1020	70	1.40*	2080	1.50							
9.2	3.8	21400	376	120000	0.85						
	4.3	19000	335	120000	0.95	R	167 R97	DV	132ML4	810	246
	4.8	17100	303	120000	1.05	RF	167 R97	DV	132ML4	820	246
	5.2	15700	279	120000	1.15						
	5.1	15900	280	37800	0.80						
	5.8	14000	247	60400	0.95						
	6.7	12100	214	64300	1.05	R	147 R87	DV	132ML4	500	246
	7.6	10700	189	66700	1.20	RF	147 R87	DV	132ML4	510	246
	9.1	9020	159	69100	1.45						



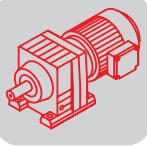
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
<b>9.2</b>	<b>8.8</b>	9960	163.31	67800	1.30						
	<b>9.8</b>	8960	146.91	69200	1.45	R	147	DV	132ML4	440	242
	<b>12</b>	7310	119.86	71000	1.80	RF	147	DV	132ML4	450	243
	<b>13</b>	6670	109.31	71600	1.95						
	<b>15</b>	5770	94.60*	72400	2.3						
	<b>17</b>	5090	83.47	72900	2.6	R	147	DV	132ML4	440	242
	<b>20</b>	4400	72.09	73300	3.0	RF	147	DV	132ML4	450	243
	<b>22</b>	4090	66.99	73500	3.2						
	<b>9.2</b>	9540	156.31	43400	0.85						
	<b>10</b>	8610	141.12*	51400	0.95	R	137	DV	132ML4	310	240
	<b>11</b>	7820	128.18	53800	1.00	RF	137	DV	132ML4	335	241
	<b>13</b>	6940	113.72	55500	1.15						
	<b>14</b>	6300	103.20*	56600	1.25						
	<b>16</b>	5410	88.70*	57900	1.50						
	<b>18</b>	4940	80.91*	58500	1.60						
	<b>20</b>	4480	73.49	59000	1.80	R	137	DV	132ML4	310	240
	<b>22</b>	3980	65.20	59500	2.0	RF	137	DV	132ML4	335	241
	<b>24</b>	3610	59.17*	59900	2.2						
	<b>28</b>	3100	50.86*	60300	2.6						
	<b>32</b>	2710	44.39	60500	3.0						
	<b>18</b>	4790	78.57	23300	0.90						
	<b>20</b>	4450	72.88	28600	0.95						
	<b>22</b>	4000	65.60*	29400	1.05						
	<b>24</b>	3620	59.41	28800	1.20						
	<b>27</b>	3210	52.68	28100	1.35	R	107	DV	132ML4	225	238
	<b>30</b>	2910	47.63	27500	1.50	RF	107	DV	132ML4	230	239
	<b>36</b>	2460	40.37*	26500	1.75						
	<b>41</b>	2150	35.26	25700	2.0						
	<b>49</b>	1800	29.49	24600	2.4						
	<b>47</b>	1880	30.77	24900	2.3						
	<b>52</b>	1680	27.58	24200	2.6						
	<b>58</b>	1520	24.90*	23500	2.8	R	107	DV	132ML4	220	238
	<b>64</b>	1380	22.62	23000	3.1	RF	107	DV	132ML4	225	239
	<b>72</b>	1220	20.07	22200	3.5						
	<b>27</b>	3250	53.21	3280	0.90						
	<b>30</b>	2900	47.58	20600	1.05	R	97	DV	132ML4	170	236
	<b>34</b>	2610	42.78	20300	1.15	RF	97	DV	132ML4	185	237
	<b>39</b>	2270	37.13	19800	1.30						
	<b>43</b>	2030	33.25	19400	1.40	R	97	DV	132ML4	170	236
	<b>52</b>	1680	27.58	18700	1.60	RF	97	DV	132ML4	185	237
	<b>58</b>	1530	25.03	18300	1.85						
	<b>64</b>	1370	22.37	17900	2.0						
	<b>71</b>	1230	20.14	17400	2.1						
	<b>79</b>	1110	18.24	17000	2.3	R	97	DV	132ML4	165	236
	<b>89</b>	990	16.17	16500	2.4	RF	97	DV	132ML4	185	237
	<b>98</b>	890	14.62	16100	2.6						
	<b>116</b>	755	12.39	15400	2.9						
	<b>67</b>	1310	21.51	13900	1.15						
	<b>75</b>	1170	19.10	13600	1.25						
	<b>84</b>	1040	17.08*	13200	1.35						
	<b>94</b>	940	15.35	13000	1.45						
	<b>108</b>	810	13.33	12600	1.55						
	<b>121</b>	730	11.93	12200	1.70	R	87	DV	132ML4	125	234
	<b>145</b>	605	9.90*	11700	1.95	RF	87	DV	132ML4	135	235
	<b>158</b>	560	9.14*	11700	2.2						
	<b>175</b>	500	8.22	11400	2.3						
	<b>202</b>	435	7.13	10900	2.5						
	<b>225</b>	390	6.39	10600	2.6						
	<b>102</b>	860	14.05	4740	0.85						
	<b>117</b>	750	12.33	5610	0.90	R	77	DV	132ML4	100	232
	<b>132</b>	665	10.88	6280	1.00	RF	77	DV	132ML4	105	233
	<b>149</b>	590	9.64	6800	1.05						
	<b>186</b>	470	7.74	6300	1.30						
	<b>212</b>	415	6.79	6720	1.40	R	77	DV	132ML4	100	232
	<b>240</b>	365	5.99*	6920	1.50	RF	77	DV	132ML4	105	233
	<b>271</b>	325	5.31*	6720	1.55						


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

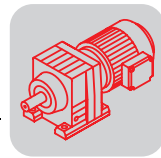
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>9.2</b>	<b>277</b>	315	5.19	9240	2.2						
	<b>310</b>	285	4.65	8990	2.5						
	<b>343</b>	255	4.20*	8760	3.2						
	<b>377</b>	235	3.81	8540	3.6						
	<b>425</b>	205	3.38	8270	4.0						
	<b>318</b>	275	4.52	7370	2.2						
	<b>356</b>	245	4.04	7170	2.4						
	<b>396</b>	220	3.64*	6980	2.7						
	<b>437</b>	200	3.30	6800	3.0						
	<b>493</b>	178	2.92	6590	3.3						
	<b>545</b>	161	2.64	6410	3.7						
	<b>643</b>	137	2.24*	6120	4.4						
	<b>736</b>	119	1.96	5890	4.8						
	<b>880</b>	100	1.64	5590	5.1						
	<b>1015</b>	86	1.42	5360	5.3						
	<b>414</b>	210	3.48	5220	1.90						
	<b>466</b>	188	3.09	5080	2.2						
	<b>522</b>	168	2.76*	4950	2.4						
	<b>580</b>	151	2.48	4820	2.7						
	<b>669</b>	131	2.15	4650	2.9						
<b>747</b>	118	1.93	4520	3.0							
<b>900</b>	98	1.60*	4300	3.2							
<b>1035</b>	85	1.39	4140	3.4							
<b>593</b>	148	2.43	3010	1.45							
<b>676</b>	130	2.13	3160	1.55							
<b>766</b>	115	1.88*	3260	1.65							
<b>864</b>	102	1.67	3280	1.70							
<b>1010</b>	87	1.42	3160	1.80							
<b>11.0</b>	<b>4.9</b>	19600	295	120000	0.90						
	<b>5.3</b>	18200	270	120000	1.00						
	<b>6.3</b>	15400	229	120000	1.15						
	<b>7.2</b>	13400	200	120000	1.35						
	<b>8.5</b>	11300	169	120000	1.60						
	<b>5.0</b>	20000	291	120000	0.90						
	<b>4.3</b>	22800	335	120000	0.80						
	<b>4.8</b>	20500	303	120000	0.90						
	<b>5.2</b>	18900	279	120000	0.95						
	<b>5.8</b>	16800	247	22800	0.75						
	<b>6.7</b>	14500	214	56000	0.90						
	<b>7.6</b>	12900	189	63000	1.00						
	<b>9.1</b>	10800	159	66600	1.20						
	<b>5.1</b>	20500	186.93*	120000	0.90						
	<b>6.3</b>	16700	153.07	120000	1.05						
	<b>6.9</b>	15300	139.98	120000	1.20						
	<b>7.9</b>	13300	121.81*	120000	1.35						
	<b>6.3</b>	16800	229.71	120000	1.05						
	<b>7.7</b>	13600	186.93*	120000	1.30						
	<b>9.4</b>	11200	153.07	120000	1.60						
	<b>10</b>	10200	139.98	120000	1.75						
	<b>12</b>	8890	121.81*	120000	2.0						
	<b>13</b>	7840	107.49	120000	2.3						
	<b>15</b>	6800	93.19	120000	2.7						
	<b>17</b>	6050	82.91*	120000	3.0						
	<b>6.5</b>	16100	146.91	35400	0.80						
	<b>8.0</b>	13100	119.86	62400	1.00						
	<b>8.8</b>	12000	109.31	64600	1.10						
<b>10</b>	10400	94.60*	67300	1.25							
<b>12</b>	9130	83.47	69000	1.40							



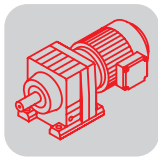
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	160M4		
<b>11.0</b>	<b>8.8</b>	11900	163.31	64700	1.10						
	<b>9.8</b>	10700	146.91	66700	1.20	R	147	DV	160M4	445	242
	<b>12</b>	8740	119.86	69400	1.50	RF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


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

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>11.0</b>	132	795	10.88	4250	0.85	<b>R</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	105	232
	149	705	9.64	5000	0.90	<b>RF</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	110	233
	186	565	7.74	4630	1.10						
	212	495	6.79	5250	1.15	<b>R</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	105	232
	240	435	5.99*	5720	1.25	<b>RF</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	110	233
	271	390	5.31*	6090	1.30						
	277	380	5.19	9000	1.85						
	310	340	4.65	8770	2.1						
	343	305	4.20*	8560	2.7						
	377	280	3.81	8360	3.0	<b>RX</b>	<b>107</b>	<b>DV</b>	<b>160M4</b>	170	216
	425	245	3.38	8100	3.4	<b>RXF</b>	<b>107</b>	<b>DV</b>	<b>160M4</b>	185	217
	469	225	3.07	7900	3.7						
	545	193	2.64*	7580	4.3						
	318	330	4.52	7150	1.80						
	356	295	4.04	6970	2.0						
	396	265	3.64*	6800	2.2						
	437	240	3.30	6640	2.5						
	493	215	2.92	6440	2.8	<b>RX</b>	<b>97</b>	<b>DV</b>	<b>160M4</b>	135	214
	545	193	2.64	6280	3.1	<b>RXF</b>	<b>97</b>	<b>DV</b>	<b>160M4</b>	145	215
	643	163	2.24*	6000	3.6						
	736	143	1.96	5790	4.0						
	880	119	1.64	5500	4.2						
	1015	103	1.42	5280	4.4						
	414	255	3.48	5030	1.60	<b>RX</b>	<b>87</b>	<b>DV</b>	<b>160M4</b>	110	212
	466	225	3.09	4910	1.80	<b>RXF</b>	<b>87</b>	<b>DV</b>	<b>160M4</b>	115	213
	522	200	2.76*	4790	2.0						
	580	181	2.48	4680	2.2						
	669	157	2.15	4530	2.5	<b>RX</b>	<b>87</b>	<b>DV</b>	<b>160M4</b>	110	212
	747	141	1.93	4400	2.5	<b>RXF</b>	<b>87</b>	<b>DV</b>	<b>160M4</b>	115	213
	900	117	1.60*	4200	2.7						
1035	102	1.39	4050	2.9							
593	177	2.43	1890	1.20	<b>RX</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	96	210	
676	155	2.13	2140	1.30	<b>RXF</b>	<b>77</b>	<b>DV</b>	<b>160M4</b>	99	211	
766	137	1.88*	2330	1.35							
864	122	1.67	2460	1.40							
1010	104	1.42	2580	1.50							
<b>15.0</b>	6.4	20800	229	120000	0.85	<b>R</b>	<b>167 R107</b>	<b>DV</b>	<b>160L4</b>	900	246
	7.3	18200	200	120000	1.00	<b>RF</b>	<b>167 R107</b>	<b>DV</b>	<b>160L4</b>	910	246
	8.6	15300	169	120000	1.20						
	6.4	20900	227	120000	0.85	<b>R</b>	<b>167 R107</b>	<b>DV</b>	<b>160L4</b>	900	246
	7.4	18200	198	120000	1.00	<b>RF</b>	<b>167 R107</b>	<b>DV</b>	<b>160L4</b>	900	246
	6.3	22600	153.07	120000	0.80						
	6.9	20700	139.98	120000	0.85	<b>R</b>	<b>167</b>	<b>DV</b>	<b>180L6</b>	770	244
	8.0	18000	121.81*	120000	1.00	<b>RF</b>	<b>167</b>	<b>DV</b>	<b>180L6</b>	770	245
	9.0	15900	107.49	120000	1.15						
	6.4	22500	229.71	120000	0.80	<b>R</b>	<b>167</b>	<b>DV</b>	<b>160L4</b>	730	244
	7.8	18300	186.93*	120000	1.00	<b>RF</b>	<b>167</b>	<b>DV</b>	<b>160L4</b>	740	245
	9.5	15000	153.07	120000	1.20						
	10	13700	139.98	120000	1.30						
	12	12000	121.81*	120000	1.50						
	14	10500	107.49	120000	1.70	<b>R</b>	<b>167</b>	<b>DV</b>	<b>160L4</b>	730	244
	16	9140	93.19	120000	1.95	<b>RF</b>	<b>167</b>	<b>DV</b>	<b>160L4</b>	740	245
	18	8130	82.91*	120000	2.2						
	20	7230	73.70*	120000	2.5						
	22	6610	67.40	120000	2.7						
	8.9	16100	109.31	34400	0.80						
	10	14000	94.60*	60600	0.95	<b>R</b>	<b>147</b>	<b>DV</b>	<b>180L6</b>	520	242
	12	12300	83.47	64000	1.05	<b>RF</b>	<b>147</b>	<b>DV</b>	<b>180L6</b>	530	243
	13	10600	72.09	66800	1.20						
	14	9890	66.99	67900	1.30						

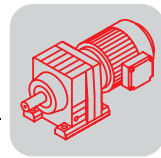


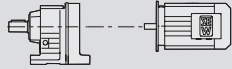

P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	160L4		
<b>15.0</b>	8.9	16000	163.31	36200	0.80						
	9.9	14400	146.91	57400	0.90	R	147	DV	160L4	480	242
	12	11800	119.86	65000	1.10	RF	147	DV	160L4	490	243
	13	10700	109.31	66700	1.20						
	15	9280	94.60*	68800	1.40						
	17	8190	83.47	70100	1.60						
	20	7070	72.09	71300	1.85	R	147	DV	160L4	480	242
	22	6570	66.99	71700	2.0	RF	147	DV	160L4	490	243
	24	5990	61.09	72200	2.2						
	28	5190	52.87	72800	2.5						
	31	4580	46.65	73200	2.8						
	14	10100	103.20*	30700	0.80						
	16	8700	88.70*	51000	0.90	R	137	DV	160L4	355	240
	18	7940	80.91*	53500	1.00	RF	137	DV	160L4	380	241
	20	7210	73.49	55000	1.10						
	22	6400	65.20	56400	1.25						
	25	5800	59.17*	57300	1.40						
	29	4990	50.86*	58400	1.60	R	137	DV	160L4	355	240
	33	4360	44.39	59100	1.85	RF	137	DV	160L4	380	241
	39	3690	37.65	59800	2.2						
	44	3230	32.91	60200	2.5						
	52	2730	27.83	60500	2.8						
	31	4670	47.63	24500	0.90						
	36	3960	40.37*	23900	1.10	R	107	DV	160L4	270	238
	41	3460	35.26	23400	1.25	RF	107	DV	160L4	275	239
	50	2890	29.49	22600	1.50						
	47	3020	30.77	22800	1.40						
	53	2710	27.58	22400	1.60						
	59	2440	24.90*	21900	1.75						
	65	2220	22.62	21400	1.95	R	107	DV	160L4	265	238
	73	1970	20.07	20900	2.2	RF	107	DV	160L4	270	239
	80	1790	18.21	20400	2.4						
	93	1540	15.65	19700	2.8						
	107	1340	13.66	19000	3.2						
	53	2710	27.58	16500	1.00	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						

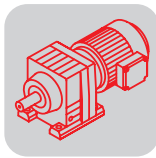

**R..DR/DT/DV**  
**R..D.. [kW]**

$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]		
<b>15.0</b>	<b>281</b>	510	5.19	8440	1.35							
	<b>314</b>	455	4.65	8260	1.50	<b>RX</b>	<b>107</b>	<b>DV</b>	<b>160L4</b>	210	216	
	<b>348</b>	410	4.20*	8100	2.0	<b>RXF</b>	<b>107</b>	<b>DV</b>	<b>160L4</b>	225	217	
	<b>383</b>	375	3.81	7930	2.2							
	<b>431</b>	330	3.38	7720	2.5							
	<b>475</b>	300	3.07	7540	2.8							
	<b>553</b>	260	2.64*	7260	3.2	<b>RX</b>	<b>107</b>	<b>DV</b>	<b>160L4</b>	210	216	
	<b>634</b>	225	2.30	7010	3.7	<b>RXF</b>	<b>107</b>	<b>DV</b>	<b>160L4</b>	225	217	
	<b>747</b>	192	1.95	6710	4.0							
	<b>855</b>	168	1.71	6470	4.2							
	<b>1010</b>	142	1.44	6170	4.6							
	<b>323</b>	445	4.52	6660	1.35							
	<b>361</b>	395	4.04	6530	1.50							
	<b>401</b>	355	3.64*	6400	1.65							
	<b>443</b>	325	3.30	6270	1.85							
	<b>499</b>	285	2.92	6110	2.1	<b>RX</b>	<b>97</b>	<b>DV</b>	<b>160L4</b>	180	214	
	<b>552</b>	260	2.64	5970	2.3	<b>RXF</b>	<b>97</b>	<b>DV</b>	<b>160L4</b>	185	215	
	<b>652</b>	220	2.24*	5730	2.7							
	<b>746</b>	192	1.96	5550	3.0							
	<b>892</b>	161	1.64	5290	3.2							
	<b>1030</b>	139	1.42	5090	3.3							
	<b>420</b>	340	3.48	4260	1.20							
	<b>473</b>	305	3.09	4510	1.35							
	<b>529</b>	270	2.76*	4430	1.50	<b>RX</b>	<b>87</b>	<b>DV</b>	<b>160L4</b>	150	212	
	<b>588</b>	245	2.48	4350	1.65	<b>RXF</b>	<b>87</b>	<b>DV</b>	<b>160L4</b>	155	213	
	<b>678</b>	210	2.15	4230	1.80							
	<b>757</b>	189	1.93	4130	1.90							
	<b>913</b>	157	1.60*	3960	2.0	<b>RX</b>	<b>87</b>	<b>DV</b>	<b>160L4</b>	150	212	
	<b>1050</b>	137	1.39	3840	2.1	<b>RXF</b>	<b>87</b>	<b>DV</b>	<b>160L4</b>	155	213	
<b>18.5</b>	<b>7.8</b>	22500	186.93*	120000	0.80							
	<b>9.6</b>	18500	153.07	120000	1.00	<b>R</b>	<b>167</b>	<b>DV</b>	<b>180M4</b>	750	244	
	<b>10</b>	16900	139.98	120000	1.05	<b>RF</b>	<b>167</b>	<b>DV</b>	<b>180M4</b>	760	245	
	<b>12</b>	14700	121.81*	120000	1.25							
	<b>14</b>	13000	107.49	120000	1.40							
	<b>16</b>	11200	93.19	120000	1.60							
	<b>18</b>	10000	82.91*	120000	1.80	<b>R</b>	<b>167</b>	<b>DV</b>	<b>180M4</b>	750	244	
	<b>20</b>	8890	73.70*	120000	2.0	<b>RF</b>	<b>167</b>	<b>DV</b>	<b>180M4</b>	760	245	
	<b>22</b>	8130	67.40	120000	2.2							
	<b>25</b>	7070	58.65	120000	2.6							
	<b>12</b>	14500	119.86	56900	0.90							
	<b>13</b>	13200	109.31	62300	1.00	<b>R</b>	<b>147</b>	<b>DV</b>	<b>180M4</b>	500	242	
	<b>15</b>	11400	94.60*	65600	1.15	<b>RF</b>	<b>147</b>	<b>DV</b>	<b>180M4</b>	510	243	
	<b>18</b>	10100	83.47	67700	1.30							
	<b>20</b>	8690	72.09	69500	1.50							
	<b>22</b>	8080	66.99	70200	1.60							
	<b>24</b>	7370	61.09	71000	1.75	<b>R</b>	<b>147</b>	<b>DV</b>	<b>180M4</b>	500	242	
	<b>28</b>	6380	52.87	71900	2.0	<b>RF</b>	<b>147</b>	<b>DV</b>	<b>180M4</b>	510	243	
	<b>31</b>	5630	46.65	72500	2.3							
	<b>36</b>	4860	40.29	73000	2.7							
	<b>18</b>	9760	80.91*	39000	0.80							
	<b>20</b>	8860	73.49	50200	0.90	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	375	240	
	<b>22</b>	7860	65.20	53700	1.00	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	400	241	
	<b>25</b>	7140	59.17*	55100	1.10							
	<b>29</b>	6130	50.86*	56800	1.30							
	<b>33</b>	5350	44.39	58000	1.50							
	<b>39</b>	4540	37.65	58900	1.75	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	375	240	
	<b>45</b>	3970	32.91	59500	2.0	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	400	241	
	<b>53</b>	3360	27.83	60100	2.3							
	<b>50</b>	3570	29.57*	59900	2.2							
	<b>61</b>	2910	24.12	60400	2.8							
	<b>67</b>	2650	22.00*	60600	3.0	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	365	240	
	<b>77</b>	2300	19.04*	60800	3.5	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180M4</b>	390	241	
	<b>87</b>	2030	16.80*	60900	4.0							
	<b>36</b>	4870	40.37*	20200	0.90							
	<b>42</b>	4250	35.26	22000	1.00	<b>R</b>	<b>107</b>	<b>DV</b>	<b>180M4</b>	295	238	
	<b>50</b>	3560	29.49	21500	1.20	<b>RF</b>	<b>107</b>	<b>DV</b>	<b>180M4</b>	300	239	

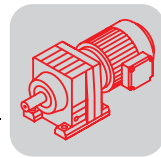


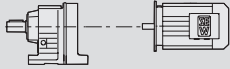



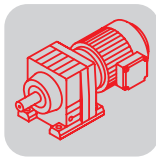
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
<b>18.5</b>	59	3000	24.90*	20900	1.45						
	65	2730	22.62	20600	1.60						
	73	2420	20.07	20100	1.80						
	80	2200	18.21	19700	1.95						
	94	1890	15.65	19100	2.3	R	107	DV	180M4	285	238
	107	1650	13.66	18500	2.6	RF	107	DV	180M4	290	239
	126	1400	11.59	17800	3.1						
	145	1220	10.13	17200	3.5						
	186	950	7.86	16300	3.1						
	220	800	6.66	15600	3.7						
	73	2430	20.14	14900	1.05						
	80	2200	18.24	14700	1.15						
	91	1950	16.17	14500	1.25						
	100	1760	14.62	14200	1.30						
	118	1490	12.39	13800	1.45						
	135	1310	10.83	13500	1.60	R	97	DV	180M4	235	236
	158	1120	9.29	13400	1.80	RF	97	DV	180M4	250	237
	175	1010	8.39	13100	2.0						
	206	860	7.12	12600	2.3						
	236	750	6.21	12100	2.5						
282	625	5.20	11600	2.8							
326	545	4.50*	11100	3.0							
110	1610	13.33	10600	0.80							
123	1440	11.93	10400	0.85							
148	1190	9.90*	10200	1.00							
160	1100	9.14*	10600	1.10	R	87	DV	180M4	190	234	
178	990	8.22	10300	1.15	RF	87	DV	180M4	200	235	
205	860	7.13	10000	1.25							
229	770	6.39	9770	1.30							
276	640	5.30*	9350	1.40							
349	505	4.20*	7710	1.65							
384	460	3.81	7580	1.80	RX	107	DV	180M4	230	216	
433	410	3.38	7400	2.0	RXF	107	DV	180M4	250	217	
477	370	3.07	7250	2.2							
555	320	2.64*	7010	2.6							
636	280	2.30	6780	3.0	RX	107	DV	180M4	230	216	
750	235	1.95	6510	3.3	RXF	107	DV	180M4	250	217	
858	205	1.71	6290	3.4							
1015	174	1.44	6020	3.7							
402	440	3.64*	6060	1.35							
444	400	3.30	5960	1.50							
501	355	2.92	5830	1.70							
554	320	2.64	5710	1.85	RX	97	DV	180M4	200	214	
654	270	2.24*	5510	2.2	RXF	97	DV	180M4	210	215	
749	235	1.96	5350	2.4							
895	197	1.64	5120	2.6							
1035	171	1.42	4940	2.7							
531	335	2.76*	3040	1.20							
590	300	2.48	3340	1.35							
680	260	2.15	3630	1.50	RX	87	DV	180M4	175	212	
760	235	1.93	3820	1.55	RXF	87	DV	180M4	180	213	
916	193	1.60*	3770	1.65							
1055	168	1.39	3670	1.75							
<b>22</b>	9.6	22000	153.07	120000	0.80	R	167	DV	180L4	770	244
	10	20100	139.98	120000	0.90	RF	167	DV	180L4	770	245
	12	17500	121.81*	120000	1.05						
	14	15400	107.49	120000	1.15						
	16	13400	93.19	120000	1.35						
	18	11900	82.91*	120000	1.50						
	20	10600	73.70*	120000	1.70	R	167	DV	180L4	770	244
	22	9670	67.40	120000	1.85	RF	167	DV	180L4	770	245
	25	8410	58.65	120000	2.1						
	28	7420	51.76	120000	2.4						
	33	6430	44.87	120000	2.8						


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

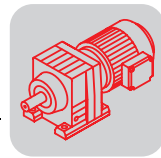
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	180L4		
<b>22</b>	<b>13</b>	15700	109.31	41300	0.85						
	<b>15</b>	13600	94.60*	61500	0.95	<b>R</b>	<b>147</b>	<b>DV</b>	<b>180L4</b>	520	242
	<b>18</b>	12000	83.47	64600	1.10	<b>RF</b>	<b>147</b>	<b>DV</b>	<b>180L4</b>	530	243
	<b>20</b>	10300	72.09	67300	1.25						
	<b>22</b>	9610	66.99	68300	1.35						
	<b>24</b>	8760	61.09	69400	1.50						
	<b>28</b>	7580	52.87	70800	1.70	<b>R</b>	<b>147</b>	<b>DV</b>	<b>180L4</b>	520	242
	<b>31</b>	6690	46.65	71600	1.95	<b>RF</b>	<b>147</b>	<b>DV</b>	<b>180L4</b>	530	243
	<b>36</b>	5780	40.29	72400	2.3						
	<b>41</b>	5110	35.64	72900	2.5						
	<b>49</b>	4300	29.95	73400	3.0						
	<b>22</b>	9350	65.20	46900	0.85						
	<b>25</b>	8480	59.17*	51900	0.95	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	390	240
	<b>29</b>	7290	50.86*	54800	1.10	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	415	241
	<b>33</b>	6370	44.39	56500	1.25						
	<b>39</b>	5400	37.65	57900	1.50	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	390	240
	<b>45</b>	4720	32.91	58700	1.70	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	415	241
	<b>53</b>	3990	27.83	59500	1.90						
	<b>50</b>	4240	29.57*	59300	1.85						
	<b>61</b>	3460	24.12	60000	2.3	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	380	240
	<b>67</b>	3150	22.00*	60200	2.5	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	405	241
	<b>77</b>	2730	19.04*	60500	2.9						
	<b>87</b>	2410	16.80*	60700	3.3	<b>R</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	380	240
	<b>101</b>	2080	14.51	60900	3.9	<b>RF</b>	<b>137</b>	<b>DV</b>	<b>180L4</b>	405	241
	<b>114</b>	1840	12.83	61000	4.4						
	<b>42</b>	5060	35.26	7280	0.85	<b>R</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	305	238
	<b>50</b>	4230	29.49	20400	1.00	<b>RF</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	315	239
	<b>59</b>	3570	24.90*	20000	1.20	<b>R</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	300	238
	<b>65</b>	3240	22.62	19700	1.35	<b>RF</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	305	239
	<b>73</b>	2880	20.07	19300	1.50						
	<b>80</b>	2610	18.21	19000	1.65						
	<b>94</b>	2240	15.65	18500	1.90						
	<b>107</b>	1960	13.66	18000	2.2	<b>R</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	300	238
	<b>126</b>	1660	11.59	17300	2.6	<b>RF</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	305	239
	<b>145</b>	1450	10.13	16800	3.0						
	<b>171</b>	1230	8.56	16100	3.5						
	<b>186</b>	1130	7.86	16100	2.6						
	<b>220</b>	960	6.66	15400	3.1						
	<b>252</b>	840	5.82	14800	3.6						
	<b>73</b>	2890	20.14	14000	0.90	<b>R</b>	<b>97</b>	<b>DV</b>	<b>180L4</b>	245	236
	<b>80</b>	2620	18.24	13900	0.95	<b>RF</b>	<b>97</b>	<b>DV</b>	<b>180L4</b>	265	237
	<b>91</b>	2320	16.17	13700	1.05						
	<b>100</b>	2100	14.62	13600	1.10						
	<b>118</b>	1780	12.39	13200	1.25						
	<b>135</b>	1550	10.83	13000	1.35						
	<b>158</b>	1330	9.29	13100	1.50						
	<b>175</b>	1200	8.39	12800	1.70	<b>R</b>	<b>97</b>	<b>DV</b>	<b>180L4</b>	245	236
	<b>206</b>	1020	7.12	12300	1.95	<b>RF</b>	<b>97</b>	<b>DV</b>	<b>180L4</b>	265	237
	<b>236</b>	890	6.21	11900	2.1						
	<b>282</b>	745	5.20	11400	2.4						
	<b>326</b>	645	4.50*	10900	2.5						
	<b>148</b>	1420	9.90*	9640	0.85						
	<b>160</b>	1310	9.14*	10100	0.90						
	<b>178</b>	1180	8.22	9960	1.00	<b>R</b>	<b>87</b>	<b>DV</b>	<b>180L4</b>	205	234
	<b>205</b>	1020	7.13	9700	1.05	<b>RF</b>	<b>87</b>	<b>DV</b>	<b>180L4</b>	215	235
	<b>229</b>	920	6.39	9490	1.10						
	<b>276</b>	760	5.30*	9110	1.20						
	<b>349</b>	600	4.20*	7330	1.40						
	<b>384</b>	545	3.81	7230	1.50						
	<b>433</b>	485	3.38	7090	1.70	<b>RX</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	245	216
	<b>477</b>	440	3.07	6960	1.90	<b>RXF</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	260	217
	<b>555</b>	380	2.64*	6760	2.2						
	<b>636</b>	330	2.30	6560	2.5						
	<b>750</b>	280	1.95	6320	2.7	<b>RX</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	245	216
	<b>858</b>	245	1.71	6120	2.9	<b>RXF</b>	<b>107</b>	<b>DV</b>	<b>180L4</b>	260	217
	<b>1015</b>	205	1.44	5870	3.1						



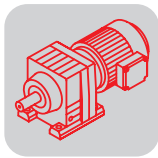
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$		$m$ [kg]				
22	402	520	3.64*	5720	1.15						
	444	475	3.30	5650	1.25						
	501	420	2.92	5560	1.40						
	554	380	2.64	5460	1.55	RX	97	DV	180L4	215	214
	654	320	2.24*	5300	1.85	RXF	97	DV	180L4	220	215
	749	280	1.96	5160	2.0						
	895	235	1.64	4960	2.2						
	1035	205	1.42	4790	2.2						
	531	395	2.76*	1270	1.00						
	590	355	2.48	1710	1.15						
	680	310	2.15	2160	1.25	RX	87	DV	180L4	190	212
	760	275	1.93	2450	1.30	RXF	87	DV	180L4	195	213
	916	230	1.60*	2750	1.35						
	1055	200	1.39	3030	1.45						
30	14	20900	107.49	120000	0.85	R	167	DV	200L4	850	244
	16	18200	93.19	120000	1.00	RF	167	DV	200L4	860	245
	18	16200	82.91*	120000	1.10						
	20	14400	73.70*	120000	1.25						
	22	13100	67.40	120000	1.35						
	25	11400	58.65	120000	1.55						
	28	10100	51.76	120000	1.80						
	33	8740	44.87	120000	2.1	R	167	DV	200L4	850	244
	37	7780	39.92	120000	2.3	RF	167	DV	200L4	860	245
	43	6710	34.41	120000	2.7						
	53	5450	27.96	120000	3.3						
	62	4620	23.71	120000	3.9						
	18	16300	83.47	32400	0.80						
	20	14000	72.09	60400	0.95	R	147	DV	200L4	600	242
	22	13100	66.99	62500	1.00	RF	147	DV	200L4	610	243
	24	11900	61.09	64700	1.10						
	28	10300	52.87	67300	1.25						
	32	9090	46.65	69000	1.45						
	36	7850	40.29	70500	1.65	R	147	DV	200L4	600	242
	41	6950	35.64	71400	1.85	RF	147	DV	200L4	610	243
	49	5840	29.95	72300	2.2						
	61	4710	24.19	73100	2.5						
	72	3980	20.44	73600	3.0						
	82	3510	18.04	73800	3.0	R	147	DV	200L4	590	242
	94	3050	15.64	74000	4.3	RF	147	DV	200L4	600	243
	29	9910	50.86*	35800	0.80						
	33	8650	44.39	51200	0.90	R	137	DV	200L4	475	240
	39	7340	37.65	54700	1.10	RF	137	DV	200L4	500	241
	45	6410	32.91	56400	1.25						
	53	5420	27.83	57900	1.40						
	61	4700	24.12	58800	1.70						
	67	4290	22.00*	59200	1.85	R	137	DV	200L4	465	240
	77	3710	19.04*	59800	2.2	RF	137	DV	200L4	490	241
	88	3270	16.80*	60100	2.4						
	101	2830	14.51	59500	2.8						
	115	2500	12.83	58400	3.2	R	137	DV	200L4	465	240
	136	2100	10.79	56600	3.8	RF	137	DV	200L4	490	241
	194	1480	7.59	53300	3.5						
	230	1240	6.38	51300	4.1						
	73	3910	20.07	17600	1.10						
	81	3550	18.21	17400	1.20						
	94	3050	15.65	17100	1.40						
108	2660	13.66	16800	1.60							
127	2260	11.59	16300	1.90							
145	1970	10.13	15900	2.2	R	107	DV	200L4	385	238	
172	1670	8.56	15400	2.6	RF	107	DV	200L4	390	239	
187	1530	7.86	15500	1.95							
221	1300	6.66	14900	2.3							
252	1140	5.82	14400	2.6							
299	960	4.92	13700	3.0							


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

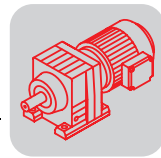
$P_m$ [kW]	$n_a$ [1/min]	$M_a$ [Nm]	$i$	$F_{Ra}^{1)}$ [N]	SEW $f_B$					$m$ [kg]	
<b>30</b>	<b>101</b>	2850	14.62	12000	0.80	<b>R</b>	<b>97</b>	<b>DV</b>	<b>200L4</b>	330	236
	<b>119</b>	2420	12.39	11900	0.90						
	<b>136</b>	2110	10.83	11800	1.00						
	<b>158</b>	1810	9.29	12300	1.10						
	<b>175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



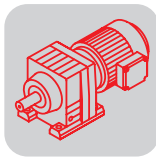
P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
37	73	4820	20.07	16100	0.90						
	81	4380	18.21	16100	1.00						
	94	3760	15.65	15900	1.15						
	108	3280	13.66	15700	1.30						
	127	2790	11.59	15400	1.55						
	145	2430	10.13	15100	1.75	R	107	DV	225S4	435	238
	172	2060	8.56	14700	2.1	RF	107	DV	225S4	440	239
	187	1890	7.86	15000	1.55						
	221	1600	6.66	14400	1.85						
	252	1400	5.82	14000	2.1						
	299	1180	4.92	13400	2.5						
	434	810	3.38	4470	1.00						
	479	740	3.07	4950	1.10						
	557	635	2.64*	5530	1.30						
	638	555	2.30	5610	1.50	RX	107	DV	225S4	380	216
	752	470	1.95	5490	1.65	RXF	107	DV	225S4	395	217
	860	410	1.71	5370	1.70						
1020	345	1.44	5220	1.85							
45	20	21500	73.70*	120000	0.85						
	22	19700	67.40	120000	0.90	R	167	DV	225M4	930	244
	25	17100	58.65	120000	1.05	RF	167	DV	225M4	930	245
	28	15100	51.76	120000	1.20						
	33	13100	44.87	120000	1.35						
	37	11700	39.92	120000	1.55						
	43	10100	34.41	120000	1.80	R	167	DV	225M4	930	244
	53	8170	27.96	120000	2.2	RF	167	DV	225M4	930	245
	62	6930	23.71	120000	2.6						
	48	8980	30.71	120000	1.10						
	60	7180	24.57	120000	1.95	R	167	DV	225M4	920	244
	67	6390	21.85	120000	2.0	RF	167	DV	225M4	930	245
	77	5560	19.03	120000	2.9						
	87	4960	16.98	120000	3.0						
	28	15500	52.87	44400	0.85						
	32	13600	46.65	61300	0.95						
	36	11800	40.29	65000	1.10	R	147	DV	225M4	680	242
	41	10400	35.64	67200	1.25	RF	147	DV	225M4	690	243
	49	8760	29.95	69400	1.50						
	61	7070	24.19	71300	1.70						
	72	5970	20.44	72200	2.0						
	82	5270	18.04	72800	2.0						
	94	4570	15.64	73200	2.8	R	147	DV	225M4	670	242
	106	4070	13.91	73500	3.1	RF	147	DV	225M4	680	243
	123	3510	11.99	73800	3.7						
	203	2120	7.25	74300	4.1						
	45	9620	32.91	41700	0.85	R	137	DV	225M4	550	240
	53	8130	27.83	51200	0.95	RF	137	DV	225M4	580	241
	61	7050	24.12	52400	1.15						
	67	6430	22.00*	52900	1.25	R	137	DV	225M4	540	240
	77	5570	19.04*	53300	1.45	RF	137	DV	225M4	570	241
	88	4910	16.80*	53400	1.65						
	101	4240	14.51	53200	1.90						
	115	3750	12.83	52800	2.1						
	136	3150	10.79	51900	2.5						
	169	2550	8.71	50500	3.1	R	137	DV	225M4	540	240
	194	2220	7.59	50200	2.3	RF	137	DV	225M4	570	241
	230	1860	6.38	48700	2.7						
	285	1510	5.15	46700	3.1						
	94	4580	15.65	14600	0.95						
108	3990	13.66	14600	1.10							
127	3390	11.59	14400	1.25							
145	2960	10.13	14300	1.45							
172	2500	8.56	14000	1.70	R	107	DV	225M4	460	238	
187	2300	7.86	14400	1.30	RF	107	DV	225M4	465	239	
221	1950	6.66	14000	1.50							
252	1700	5.82	13600	1.75							
299	1440	4.92	13100	2.0							


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

P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						RX RXF	107 107	DV DV	225M4 225M4		
<b>45</b>	<b>434</b>	990	3.38	1360	0.85						
	<b>479</b>	900	3.07	2080	0.90						
	<b>557</b>	770	2.64*	2970	1.10						
	<b>638</b>	675	2.30	3640	1.25						
	<b>752</b>	570	1.95	4200	1.35						
	<b>860</b>	500	1.71	4540	1.40						
	<b>1020</b>	420	1.44	4880	1.55						
<b>55</b>	<b>25</b>	20900	58.65	120000	0.85						
	<b>29</b>	18400	51.76	120000	1.00						
	<b>33</b>	16000	44.87	120000	1.15						
	<b>37</b>	14200	39.92	120000	1.25	R	167	DV	250M4	1060	244
	<b>43</b>	12300	34.41	120000	1.45	RF	167	DV	250M4	1060	245
	<b>53</b>	9960	27.96	120000	1.80						
	<b>62</b>	8440	23.71	120000	2.1						
	<b>60</b>	8750	24.57	120000	1.60						
	<b>68</b>	7780	21.85	120000	1.65	R	167	DV	250M4	1050	244
	<b>77</b>	6780	19.03	120000	2.4	RF	167	DV	250M4	1060	245
	<b>87</b>	6050	16.98	120000	2.5						
	<b>102</b>	5150	14.48	120000	3.5	R	167	DV	250M4	1050	244
	<b>123</b>	4270	11.99	120000	4.0	RF	167	DV	250M4	1060	245
	<b>32</b>	16600	46.65	26600	0.80						
	<b>37</b>	14300	40.29	58200	0.90						
	<b>41</b>	12700	35.64	63300	1.00	R	147	DV	250M4	800	242
	<b>49</b>	10700	29.95	66800	1.20	RF	147	DV	250M4	810	243
	<b>61</b>	8610	24.19	69600	1.40						
	<b>72</b>	7280	20.44	71100	1.65						
	<b>82</b>	6420	18.04	71900	1.65	R	147	DV	250M4	790	242
	<b>94</b>	5570	15.64	72500	2.3	RF	147	DV	250M4	800	243
	<b>106</b>	4950	13.91	73000	2.5						
	<b>123</b>	4270	11.99	73400	3.0						
	<b>151</b>	3470	9.74	73800	3.8	R	147	DV	250M4	790	242
	<b>203</b>	2580	7.25	74200	3.4	RF	147	DV	250M4	800	243
	<b>250</b>	2100	5.89	72500	4.1						
	<b>77</b>	6780	19.04*	47800	1.20						
	<b>88</b>	5980	16.80*	48500	1.35	R	137	DV	250M4	660	240
	<b>102</b>	5170	14.51	48900	1.55	RF	137	DV	250M4	690	241
	<b>115</b>	4570	12.83	49000	1.75						
<b>137</b>	3840	10.79	48800	2.1							
<b>169</b>	3100	8.71	48000	2.5	R	137	DV	250M4	660	240	
<b>194</b>	2700	7.59	48100	1.90	RF	137	DV	250M4	690	241	
<b>231</b>	2270	6.38	46900	2.3							
<b>286</b>	1830	5.15	45200	2.5							
<b>75</b>	<b>33</b>	21700	44.87	120000	0.85						
	<b>37</b>	19300	39.92	120000	0.95						
	<b>43</b>	16700	34.41	120000	1.10	R	167	DV	280S4	1190	244
	<b>53</b>	13500	27.96	120000	1.35	RF	167	DV	280S4	1190	245
	<b>62</b>	11500	23.71	120000	1.55						
	<b>60</b>	11900	24.57	120000	1.20						
	<b>68</b>	10600	21.85	120000	1.25	R	167	DV	280S4	1180	244
	<b>78</b>	9210	19.03	120000	1.75	RF	167	DV	280S4	1190	245
	<b>87</b>	8220	16.98	120000	1.85						
	<b>102</b>	7000	14.48	120000	2.6	R	167	DV	280S4	1180	244
	<b>123</b>	5800	11.99	116600	2.9	RF	167	DV	280S4	1190	245
	<b>145</b>	4950	10.24	112800	3.4						
	<b>49</b>	14500	29.95	56500	0.90	R	147	DV	280S4	940	242
	<b>61</b>	11700	24.19	65100	1.00	RF	147	DV	280S4	950	243

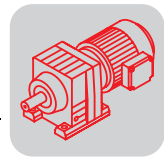


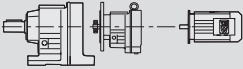

P <sub>m</sub> [kW]	n <sub>a</sub> [1/min]	M <sub>a</sub> [Nm]	i	F <sub>Ra</sub> <sup>1)</sup> [N]	SEW f <sub>B</sub>					m [kg]	
						R	RF	DV	D		
<b>75</b>	<b>72</b>	9890	20.44	67900	1.20						
	<b>82</b>	8730	18.04	69500	1.20	R	<b>147</b>	DV	<b>280S4</b>	930	242
	<b>95</b>	7570	15.64	70800	1.70	RF	<b>147</b>	DV	<b>280S4</b>	940	243
	<b>106</b>	6730	13.91	71600	1.85						
	<b>123</b>	5800	11.99	72400	2.2						
	<b>152</b>	4710	9.74	73100	2.8						
	<b>179</b>	4000	8.26	73500	3.3	R	<b>147</b>	DV	<b>280S4</b>	930	242
	<b>204</b>	3510	7.25	73100	2.5	RF	<b>147</b>	DV	<b>280S4</b>	940	243
	<b>251</b>	2850	5.89	70100	3.0						
	<b>296</b>	2420	5.00	67600	3.6						
<b>90</b>	<b>37</b>	23200	39.92	120000	0.80						
	<b>43</b>	20000	34.41	120000	0.90	R	<b>167</b>	D	<b>280M4</b>	1260	244
	<b>53</b>	16200	27.96	120000	1.10	RF	<b>167</b>	D	<b>280M4</b>	1270	245
	<b>62</b>	13800	23.71	120000	1.30						
	<b>60</b>	14300	24.57	120000	1.00						
	<b>68</b>	12700	21.85	120000	1.00	R	<b>167</b>	D	<b>280M4</b>	1260	244
	<b>78</b>	11100	19.03	120000	1.45	RF	<b>167</b>	D	<b>280M4</b>	1260	245
	<b>87</b>	9860	16.98	120000	1.50						
	<b>102</b>	8410	14.48	117300	2.1	R	<b>167</b>	D	<b>280M4</b>	1260	244
	<b>123</b>	6960	11.99	113500	2.4	RF	<b>167</b>	D	<b>280M4</b>	1260	245
	<b>145</b>	5940	10.24	110100	2.9						
	<b>72</b>	11900	20.44	64800	1.00						
	<b>82</b>	10500	18.04	67100	1.00	R	<b>147</b>	D	<b>280M4</b>	1000	242
	<b>95</b>	9080	15.64	69000	1.45	RF	<b>147</b>	D	<b>280M4</b>	1010	243
	<b>106</b>	8080	13.91	70200	1.55						
	<b>123</b>	6960	11.99	71400	1.85						
	<b>152</b>	5660	9.74	72500	2.3						
	<b>179</b>	4800	8.26	73000	2.7	R	<b>147</b>	D	<b>280M4</b>	1000	242
	<b>204</b>	4210	7.25	70900	2.1	RF	<b>147</b>	D	<b>280M4</b>	1010	243
	<b>251</b>	3420	5.89	68300	2.5						
<b>296</b>	2900	5.00	66100	3.0							
<b>110</b>	<b>53</b>	19800	27.96	117100	0.90	R	<b>167</b>	D	<b>315S4</b>	1450	244
	<b>63</b>	16800	23.71	116900	1.05	RF	<b>167</b>	D	<b>315S4</b>	1460	245
	<b>78</b>	13500	19.03	115500	1.20						
	<b>87</b>	12000	16.98	114300	1.25	R	<b>167</b>	D	<b>315S4</b>	1440	244
	<b>103</b>	10200	14.48	112200	1.75	RF	<b>167</b>	D	<b>315S4</b>	1450	245
	<b>124</b>	8480	11.99	109300	2.0						
	<b>145</b>	7240	10.24	106500	2.4						
	<b>132</b>	20100	23.71	107900	0.90	R	<b>167</b>	D	<b>315M4</b>	1550	244
<b>63</b>	20100	23.71	107900	0.90	RF	<b>167</b>	D	<b>315M4</b>	1560	245	
<b>78</b>	16200	19.03	108300	1.00							
<b>87</b>	14400	16.98	107800	1.05							
<b>103</b>	12300	14.48	106700	1.45	R	<b>167</b>	D	<b>315M4</b>	1540	244	
<b>124</b>	10200	11.99	104700	1.65	RF	<b>167</b>	D	<b>315M4</b>	1550	245	
<b>145</b>	8690	10.24	102600	1.95							
<b>160</b>	<b>103</b>	14900	14.48	99700	1.20	R	<b>167</b>	D	<b>315M4A</b>	1540	244
	<b>124</b>	12300	11.99	98900	1.40	RF	<b>167</b>	D	<b>315M4A</b>	1550	245
	<b>145</b>	10500	10.24	97600	1.60						

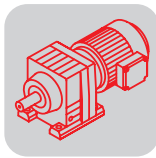

**8.4 R..R..D.. [Nm]**

$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]		
<b>130</b>	0.16	8612	4230							
	0.19	7425	4230							
	0.20	6921	4230							
	0.23	6050	4230							
	0.26	5217	4230							
	0.30	4661	4230							
	0.34	4073	4230		<b>R</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	12	246
	0.39	3516	4230		<b>RF</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	11	246
	0.44	3160	4230							
	0.50	2763	4230							
	0.57	2414	4230							
	0.65	2110	4230							
	0.76	1822	4230							
	0.87	1580	4230							
	0.94	1464	4230							
	1.1	1270	4230							
	1.2	1100	4230							
	1.4	972	4230		<b>R</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	11	246
	1.6	840	4230		<b>RF</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	11	246
	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							
	4.8	290	4230		<b>R</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	11	246
	5.4	256	4230		<b>RF</b>	<b>27 R17</b>	<b>DR</b>	<b>63S4</b>	11	246
	6.1	227	4230							
	6.8	203	4230							
	7.4	179	4230							
	8.5	156	4230		<b>R</b>	<b>27 R17</b>	<b>DR</b>	<b>63M4</b>	11	246
9.8	135	4230		<b>RF</b>	<b>27 R17</b>	<b>DR</b>	<b>63M4</b>	11	246	
11	118	4230								
12	104	4230		<b>R</b>	<b>27 R17</b>	<b>DR</b>	<b>63L4</b>	12	246	
14	90	4230		<b>RF</b>	<b>27 R17</b>	<b>DR</b>	<b>63L4</b>	12	246	
<b>200</b>	0.16	8595	4950							
	0.19	7411	4950							
	0.20	6907	4950							
	0.23	6038	4950							
	0.27	5206	4950							
	0.30	4651	4950							
	0.34	4065	4950		<b>R</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	17	246
	0.38	3658	4950		<b>RF</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	19	246
	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							
	1.7	839	4950		<b>R</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	17	246
	1.9	740	4950		<b>RF</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	19	246
	2.1	653	4950							
	2.4	577	4950							
	2.8	498	4950							
	3.1	439	4950							
3.6	378	4950		<b>R</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	17	246	
4.2	328	4950		<b>RF</b>	<b>37 R17</b>	<b>DR</b>	<b>63S4</b>	18	246	

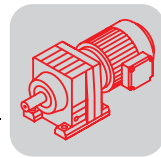


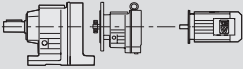



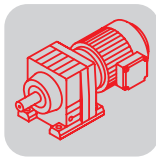
$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]		
200	4.6	289	4950							
	5.0	265	4950	R	37 R17	DR	63M4	17	246	
	5.8	226	4950	RF	37 R17	DR	63M4	18	246	
	6.5	202	4950							
	7.3	179	4950							
	8.3	156	4950	R	37 R17	DR	63L4	18	246	
	9.7	135	4950	RF	37 R17	DR	63L4	19	246	
	10	127	4950							
	13	104	4950	R	37 R17	DT	71D4	18	246	
	15	90	4950	RF	37 R17	DT	71D4	20	246	
	300	0.10	13598	5420						
		0.11	12472	5420						
		0.13	10619	5420						
		0.15	9155	5420						
0.16		8534	5420							
0.18		7460	5420							
0.20		6993	5420							
0.22		6171	5420	R	47 R37	DR	63S4	29	246	
0.25		5624	5420	RF	47 R37	DR	63S4	29	246	
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							
0.58		2383	5420							
0.68		2029	5420							
0.79		1749	5420							
0.85		1630	5420							
0.97		1425	5420	R	47 R37	DR	63S4	29	246	
1.0		1336	5420	RF	47 R37	DR	63S4	29	246	
1.2		1179	5420							
1.3		1074	5420							
1.5		927	5420							
1.6		863	5420							
1.8		755	5420							
2.5		546	5420	R	47 R37	DR	63S4	28	246	
2.8		502	5420	RF	47 R37	DR	63S4	28	246	
3.1		429	5420							
3.6		372	5420	R	47 R37	DR	63M4	28	246	
3.8		348	5420	RF	47 R37	DR	63M4	28	246	
4.4		301	5420							
5.1	255	5420	R	47 R37	DR	63L4	29	246		
5.7	228	5420	RF	47 R37	DR	63L4	29	246		
450	0.10	14369	7110							
	0.11	12095	7110							
	0.13	10860	7110							
	0.15	9445	7110							
	0.16	8480	7110							
	0.19	7312	7110							
	0.21	6521	7110							
	0.25	5585	7110	R	57 R37	DR	63S4	34	246	
	0.28	4928	7110	RF	57 R37	DR	63S4	38	246	
	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]**

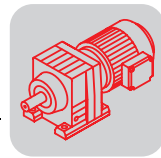
$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]		
<b>450</b>	<b>0.80</b>	1732	7110							
	<b>0.89</b>	1555	7110							
	<b>0.99</b>	1399	7110	<b>R</b>	<b>57 R37</b>	<b>DR</b>	<b>63S4</b>	34	246	
	<b>1.2</b>	1189	7110	<b>RF</b>	<b>57 R37</b>	<b>DR</b>	<b>63S4</b>	38	246	
	<b>1.3</b>	1034	7110							
	<b>1.8</b>	782	7110							
	<b>1.9</b>	678	7110							
	<b>2.2</b>	604	7110	<b>R</b>	<b>57 R37</b>	<b>DR</b>	<b>63M4</b>	34	246	
	<b>2.5</b>	537	7110	<b>RF</b>	<b>57 R37</b>	<b>DR</b>	<b>63M4</b>	38	246	
	<b>2.8</b>	471	7110							
	<b>3.6</b>	357	7110	<b>R</b>	<b>57 R37</b>	<b>DR</b>	<b>63L4</b>	35	246	
	<b>4.1</b>	319	7110	<b>RF</b>	<b>57 R37</b>	<b>DR</b>	<b>63L4</b>	38	246	
	<b>5.1</b>	273	7110	<b>R</b>	<b>57 R37</b>	<b>DT</b>	<b>71D4</b>	36	246	
	<b>5.7</b>	241	7110	<b>RF</b>	<b>57 R37</b>	<b>DT</b>	<b>71D4</b>	39	246	
	<b>600</b>	<b>0.09</b>	15361	7560						
		<b>0.11</b>	12931	7560						
<b>0.12</b>		11996	7560							
<b>0.14</b>		10097	7560							
<b>0.15</b>		9066	7560							
<b>0.18</b>		7816	7560							
<b>0.20</b>		6732	7560							
<b>0.23</b>		5970	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	41	246	
<b>0.26</b>		5268	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	44	246	
<b>0.29</b>		4680	7560							
<b>0.33</b>		4136	7560							
<b>0.39</b>		3566	7560							
<b>0.44</b>		3125	7560							
<b>0.50</b>		2745	7560							
<b>0.57</b>		2403	7560							
<b>0.51</b>		2682	7560							
<b>0.56</b>		2460	7560							
<b>0.66</b>		2094	7560							
<b>0.76</b>		1805	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	40	246	
<b>0.85</b>		1629	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	43	246	
<b>0.94</b>		1471	7560							
<b>1.0</b>		1379	7560							
<b>1.8</b>		730	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63M4</b>	40	246	
<b>2.3</b>		571	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63M4</b>	43	246	
<b>2.7</b>		486	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63L4</b>	41	246	
				<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63L4</b>	44	246	
<b>0.84</b>		1652	7560							
<b>0.96</b>		1432	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	41	246	
<b>1.1</b>		1259	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63S4</b>	44	246	
<b>1.2</b>		1106	7560							
<b>1.6</b>		836	7560							
<b>1.8</b>		750	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63M4</b>	41	246	
<b>2.0</b>	646	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63M4</b>	44	246		
<b>2.3</b>	574	7560								
<b>2.6</b>	495	7560	<b>R</b>	<b>67 R37</b>	<b>DR</b>	<b>63L4</b>	41	246		
<b>3.0</b>	438	7560	<b>RF</b>	<b>67 R37</b>	<b>DR</b>	<b>63L4</b>	45	246		
<b>3.4</b>	388	7560								
<b>4.0</b>	344	7560	<b>R</b>	<b>67 R37</b>	<b>DT</b>	<b>71D4</b>	42	246		
<b>4.7</b>	294	7560	<b>RF</b>	<b>67 R37</b>	<b>DT</b>	<b>71D4</b>	46	246		

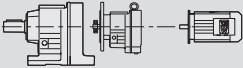



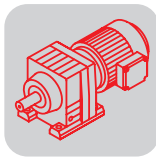
$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]		
<b>820</b>	0.08	16370	9920							
	0.09	15015	9920							
	0.10	13885	9920							
	0.11	12783	9920							
	0.13	11021	9920							
	0.14	9788	9920							
	0.16	8714	9920							
	0.18	7617	9920							
	0.20	6770	9920		R	77 R37	DR	63S4	46	246
	0.24	5838	9920		RF	77 R37	DR	63S4	52	246
	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							
	0.48	2890	9920							
	0.56	2460	9920							
	0.65	2121	9920							
	0.70	1977	9920		R	77 R37	DR	63S4	45	246
	0.80	1728	9920		RF	77 R37	DR	63S4	51	246
	0.85	1620	9920							
	0.97	1430	9920							
	1.1	1303	9920							
	1.2	1124	9920							
	1.3	1047	9920							
	1.4	915	9920		R	77 R37	DR	63M4	45	246
	1.5	858	9920		RF	77 R37	DR	63M4	51	246
	1.7	757	9920							
1.9	671	9920		R	77 R37	DR	63L4	46	246	
2.3	571	9920		RF	77 R37	DR	63L4	52	246	
2.3	560	9920		R	77 R37	DR	63L4	47	246	
				RF	77 R37	DR	63L4	53	246	
2.8	488	9920		R	77 R37	DT	71D4	48	246	
3.2	436	9920		RF	77 R37	DT	71D4	54	246	
3.7	373	9920								
4.2	327	9920		R	77 R37	DT	80K4	50	246	
4.7	289	9920		RF	77 R37	DT	80K4	56	246	
5.2	260	9920								
<b>1550</b>	0.08	17452	16900							
	0.09	15310	16900							
	0.10	13813	16900							
	0.11	12025	16900							
	0.13	10549	16900							
	0.15	9244	16900							
	0.17	8109	16900							
	0.20	7038	16900							
	0.22	6174	16900		R	87 R57	DR	63S4	86	246
	0.25	5449	16900		RF	87 R57	DR	63S4	93	246
	0.29	4831	16900							
	0.33	4206	16900							
	0.37	3744	16900							
	0.43	3233	16900							
	0.48	2873	16900							
	0.67	1961	16900		R	87 R57	DR	63M4	86	246
					RF	87 R57	DR	63M4	93	246
	0.34	4020	16900							
	0.43	3182	16900		R	87 R57	DR	63S4	85	246
	0.50	2770	16900		RF	87 R57	DR	63S4	92	246
	0.53	2595	16900							
	0.62	2129	16900							
0.68	1930	16900		R	87 R57	DR	63M4	85	246	
0.76	1733	16900		RF	87 R57	DR	63M4	92	246	
0.89	1489	16900								


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

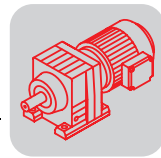
$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]		
<b>1550</b>	0.93	1395	16900							
	1.1	1232	16900	R	87 R57	DR	63L4	85	246	
	1.1	1145	16900	RF	87 R57	DR	63L4	93	246	
	1.2	1037	16900							
	1.7	802	16900	R	87 R57	DT	71D4	87	246	
	1.8	754	16900	RF	87 R57	DT	71D4	94	246	
	0.76	1737	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	RF	87 R57	DT	80N4	98	246	
	4.6	305	16900	R	87 R57	DT	90S4	96	246	
	5.2	268	16900	RF	87 R57	DT	90S4	105	246	
	2.5	538	16900	R	87 R57	DT	80K4	88	246	
	2.9	472	16900	RF	87 R57	DT	80K4	95	246	
	3.5	400	16900	R	87 R57	DT	80N4	89	246	
	3.8	361	16900	RF	87 R57	DT	80N4	96	246	
	4.7	300	16900	R	87 R57	DT	90S4	94	246	
	5.5	256	16900	RF	87 R57	DT	90S4	100	246	
	<b>3000</b>	0.06	21769	19800						
		0.07	19332	19800						
0.08		17230	19800							
0.09		14999	19800							
0.10		13320	19800							
0.12		11156	19800	R	97 R57	DR	63S4	130	246	
0.14		10030	19800	RF	97 R57	DR	63S4	145	246	
0.16		8706	19800							
0.18		7692	19800							
0.21		6708	19800							
0.23		5931	19800							
0.27		5161	19800							
0.33		4004	19800	R	97 R57	DR	63M4	130	246	
0.38		3481	19800	RF	97 R57	DR	63M4	145	246	
0.29		4678	19800	R	97 R57	DR	63S4	125	246	
				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	

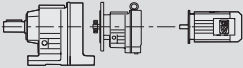



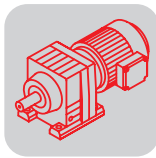
$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]	
<b>3000</b>	<b>0.76</b>	1823	19800						
	<b>0.87</b>	1583	19800	<b>R</b>	<b>97 R57</b>	<b>DT</b>	<b>71D4</b>	130	246
	<b>0.99</b>	1396	19800	<b>RF</b>	<b>97 R57</b>	<b>DT</b>	<b>71D4</b>	145	246
	<b>1.1</b>	1228	19800	<b>R</b>	<b>97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


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

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

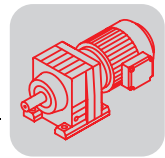


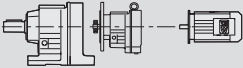

$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]	
<b>8000</b>	1.3	1105	53400						
	1.4	1043	53400	R	137 R77	DT	90L4	290	246
	1.6	888	53400	RF	137 R77	DT	90L4	315	246
	2.0	699	53400	R	137 R77	DV	100M4	295	246
	2.3	609	53400	RF	137 R77	DV	100M4	320	246
	0.51	2658	53400	R	137 R77	DT	80K4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

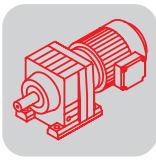
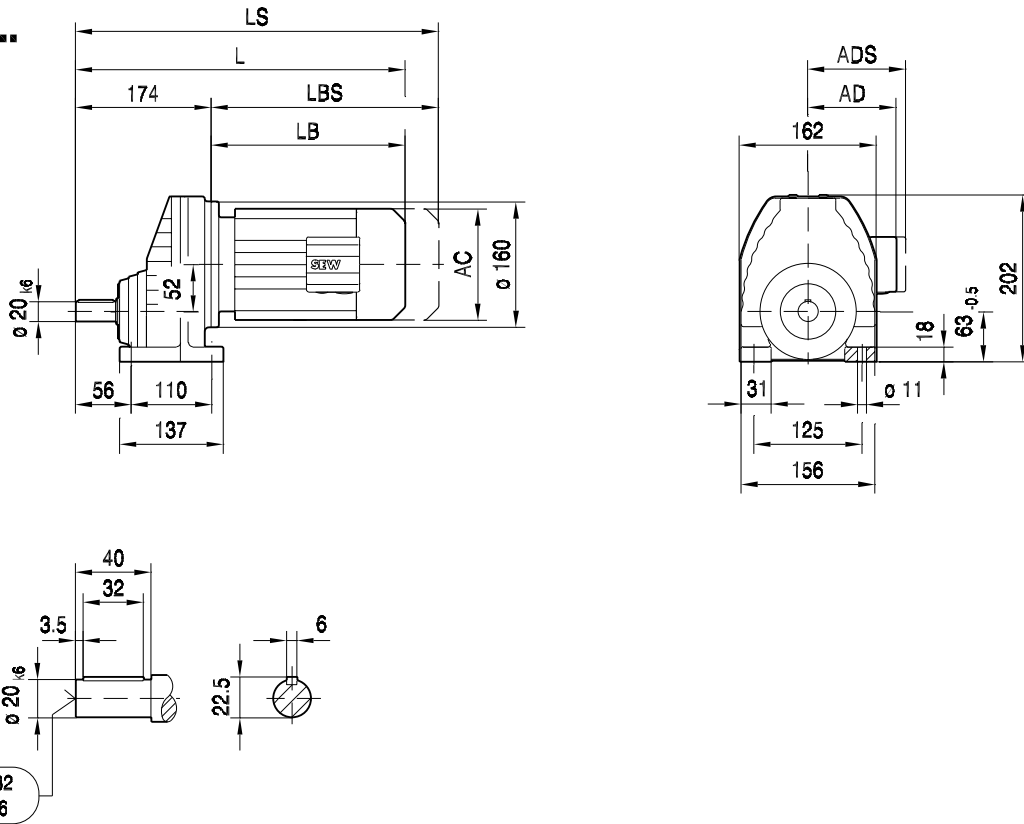

**R..DR/DT/DV**  
**R..R..D.. [Nm]**

$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]	
<b>13000</b>	1.1	1329	62700						
	1.2	1166	62700	R	147 R77	DV	100M4	435	246
	1.4	1029	62700	RF	147 R77	DV	100M4	445	246
	1.6	889	62700	R	147 R77	DV	100L4	440	246
	1.8	784	62700	RF	147 R77	DV	100L4	450	246
	2.0	695	62700						
	2.3	619	62700	R	147 R77	DV	112M4	445	246
	2.5	558	62700	RF	147 R77	DV	112M4	455	246
	2.9	489	62700	R	147 R77	DV	132S4	455	246
				RF	147 R77	DV	132S4	465	246
	2.7	533	62700	R	147 R87	DV	112M4	470	246
				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
<b>18000</b>	0.05	27001	120000						
	0.06	22482	120000						
	0.07	20002	120000						
	0.08	17361	120000						
	0.09	15446	120000						
	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						
	0.38	3692	120000	R	167 R97	DT	90S4	760	246
				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	

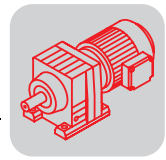




$M_{a \max}$ [Nm]	$n_a$ [1/min]	$i$	$F_{Ra}^{1)}$ [N]					$m$ [kg]	
<b>18000</b>	4.8	303	120000	R	167 R97	DV	160M4	820	246
	5.2	279	120000	RF	167 R97	DV	160M4	820	246
	4.9	295	120000	R	167 R107	DV	160M4	860	246
	5.3	270	120000	RF	167 R107	DV	160M4	870	246
	6.4	229	120000	R	167 R107	DV	160L4	900	246
	7.3	200	120000	RF	167 R107	DV	160L4	910	246
	5.0	291	120000	R	167 R107	DV	160M4	860	246
				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						

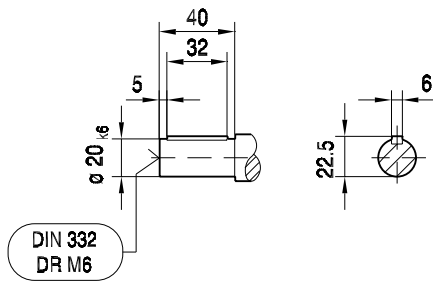
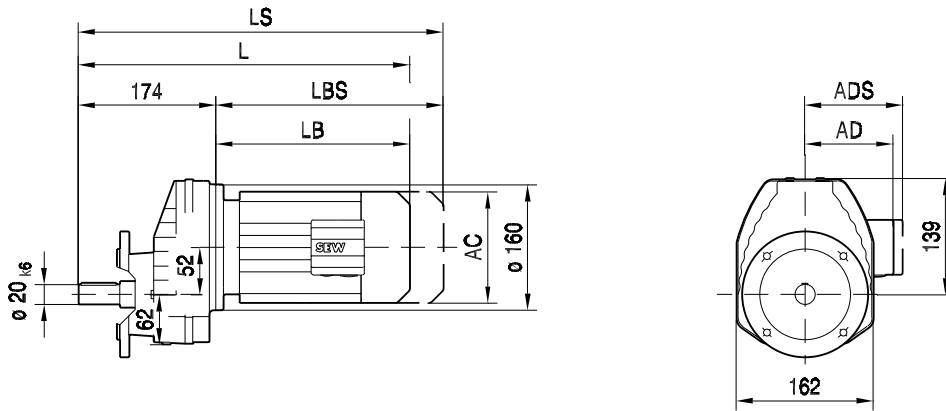

**8.5 R.. [mm]**
**04 027 02 00**
**RX57..**


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

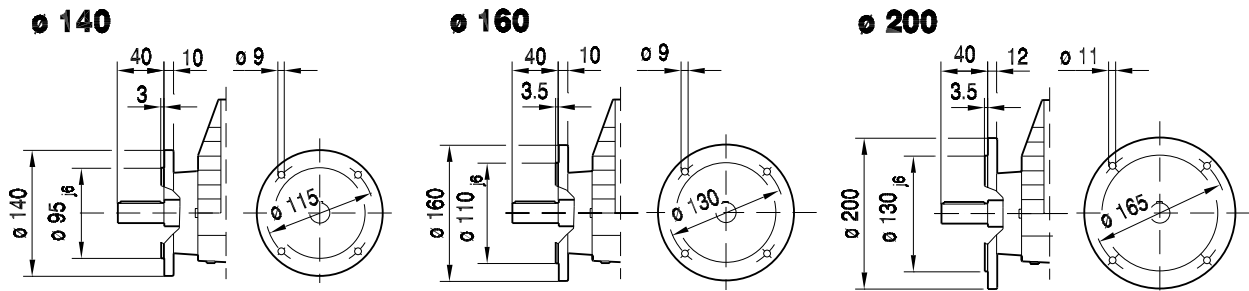


04 033 02 00

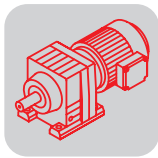
**RXF57..**



8



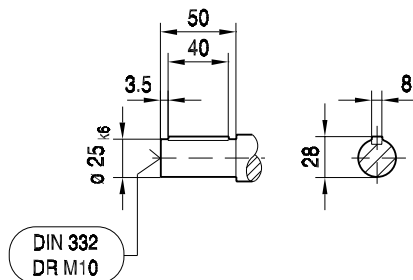
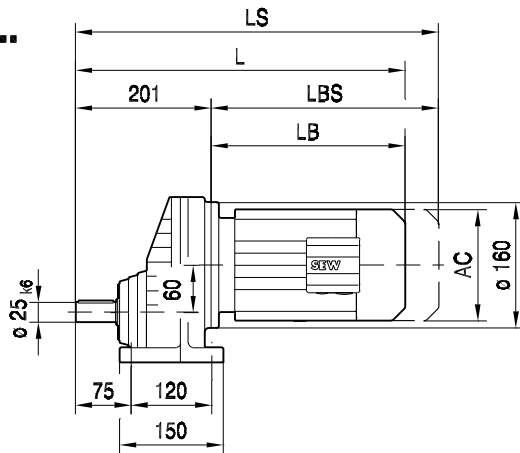
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	359	373	423	443	493	523	528	576			
LS	414	437	487	528	578	608	608	656			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			



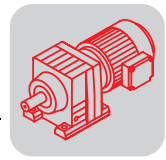
R..DR/DT/DV  
R.. [mm]

04 028 02 00

**RX67..**

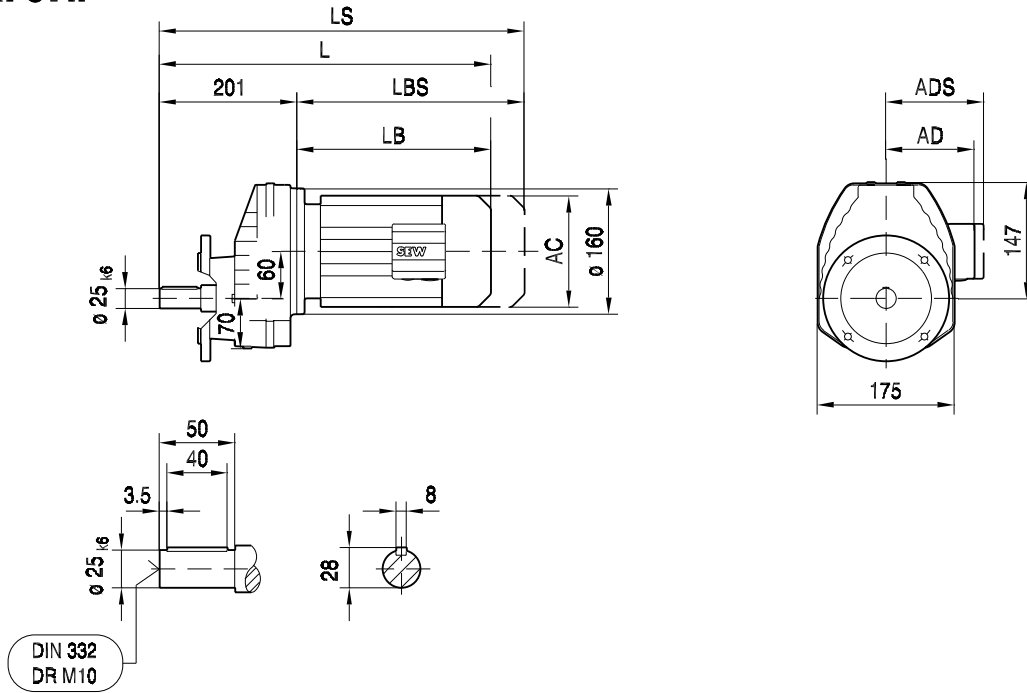


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	386	400	450	470	520	550	555	603	625		
LS	441	464	514	555	605	635	635	683	737		
LB	185	199	249	269	319	349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

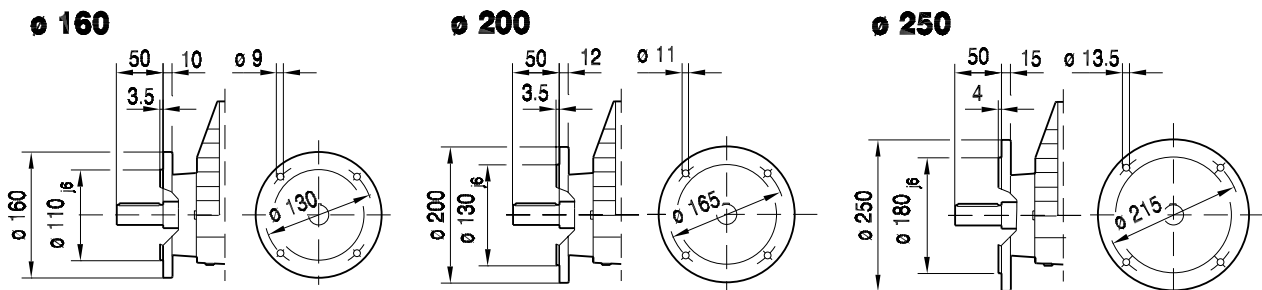


04 034 02 00

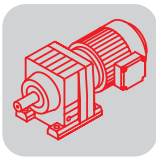
**RXF67..**



8



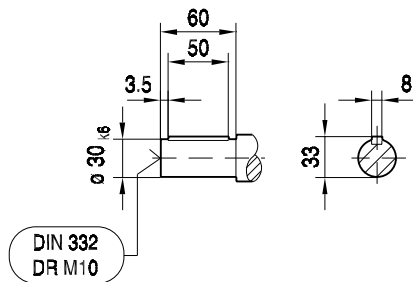
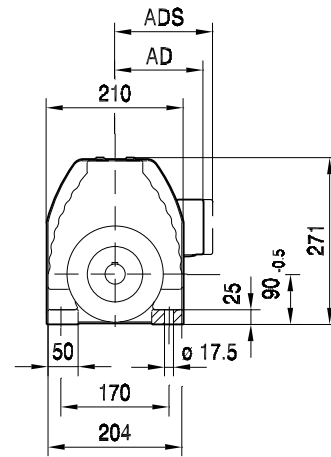
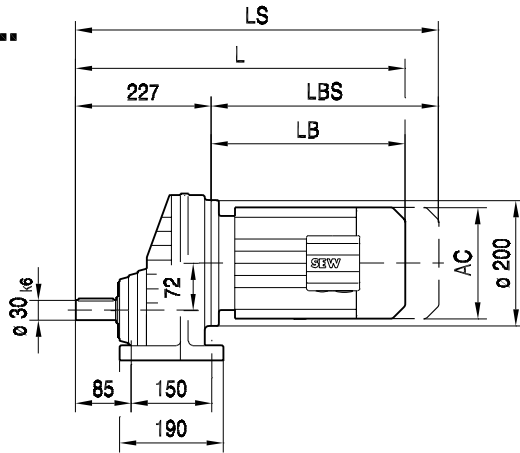
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	386	400	450	470	520	550	555	603	625		
LS	441	464	514	555	605	635	635	683	737		
LB	185	199	249	269	319	349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



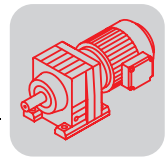
**R..DR/DT/DV**  
R.. [mm]

04 029 03 00

**RX77..**

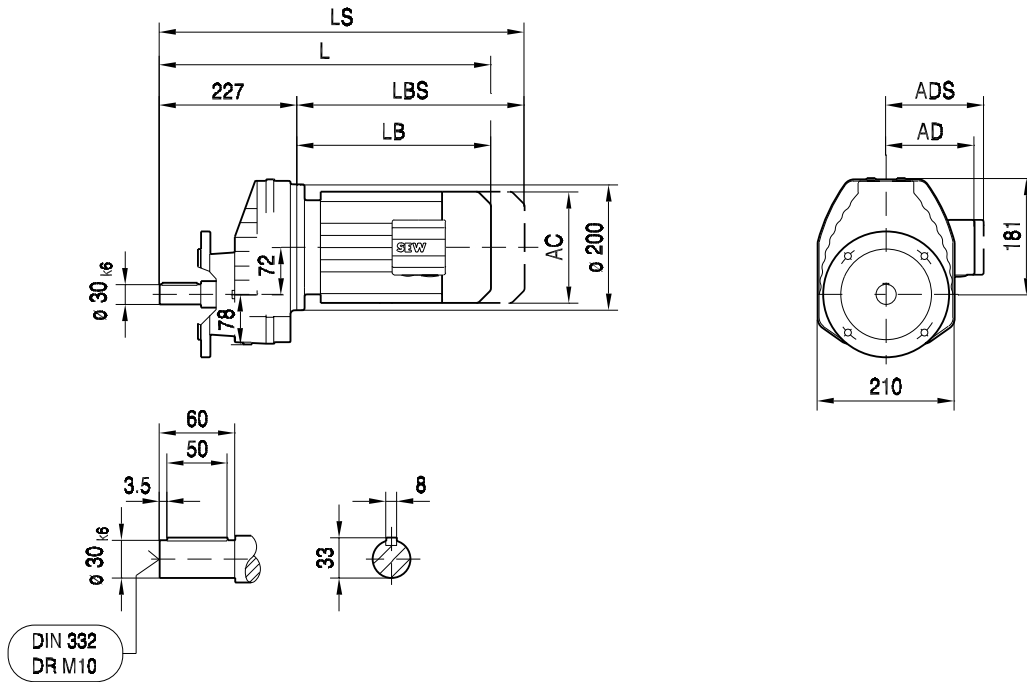


(→ 102)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M			
AC	197	197	197	221	221	275	275	275			
AD	154	166	166	179	179	230	230	230			
ADS	161	166	166	182	182	230	230	230			
L	488	538	568	572	617	639	699	699			
LS	573	623	653	652	697	751	811	811			
LB	261	311	341	345	390	412	472	472			
LBS	346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

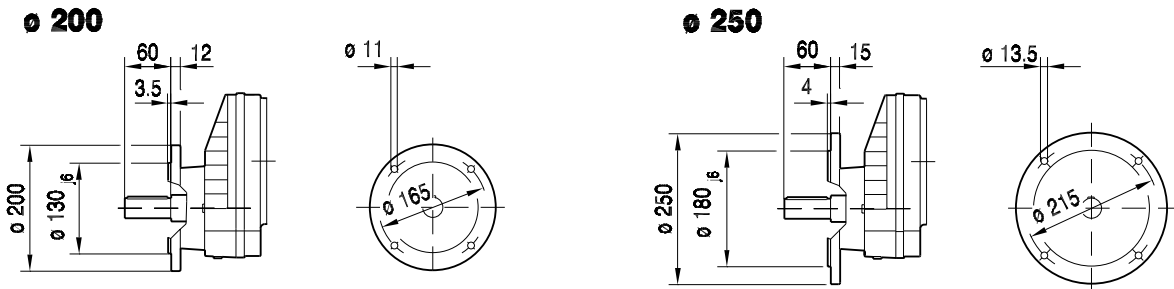


04 035 03 00

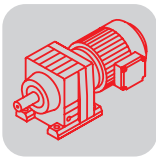
**RXF77..**



8



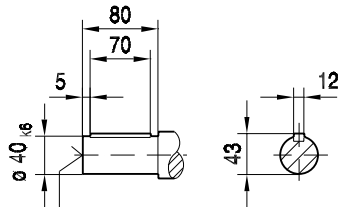
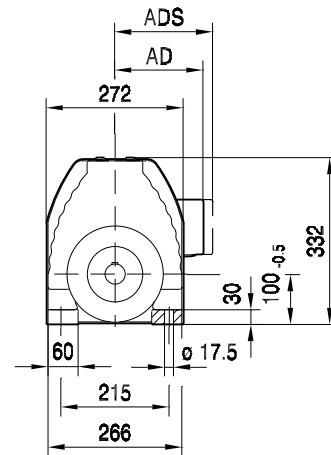
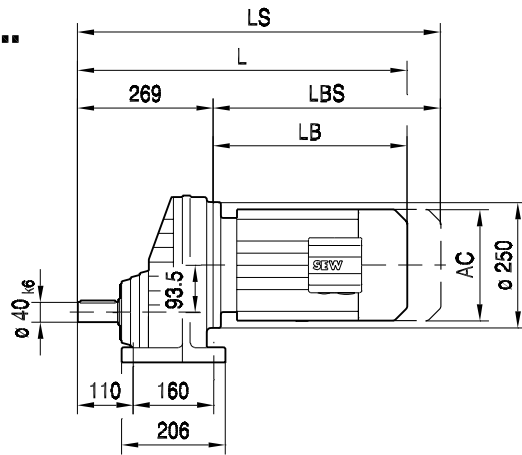
(→ 102)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M			
AC	197	197	197	221	221	275	275	275			
AD	154	166	166	179	179	230	230	230			
ADS	161	166	166	182	182	230	230	230			
L	488	538	568	572	617	639	699	699			
LS	573	623	653	652	697	751	811	811			
LB	261	311	341	345	390	412	472	472			
LBS	346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



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

04 030 03 00

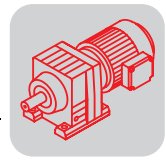
**RX87..**



DIN 332  
DR M16

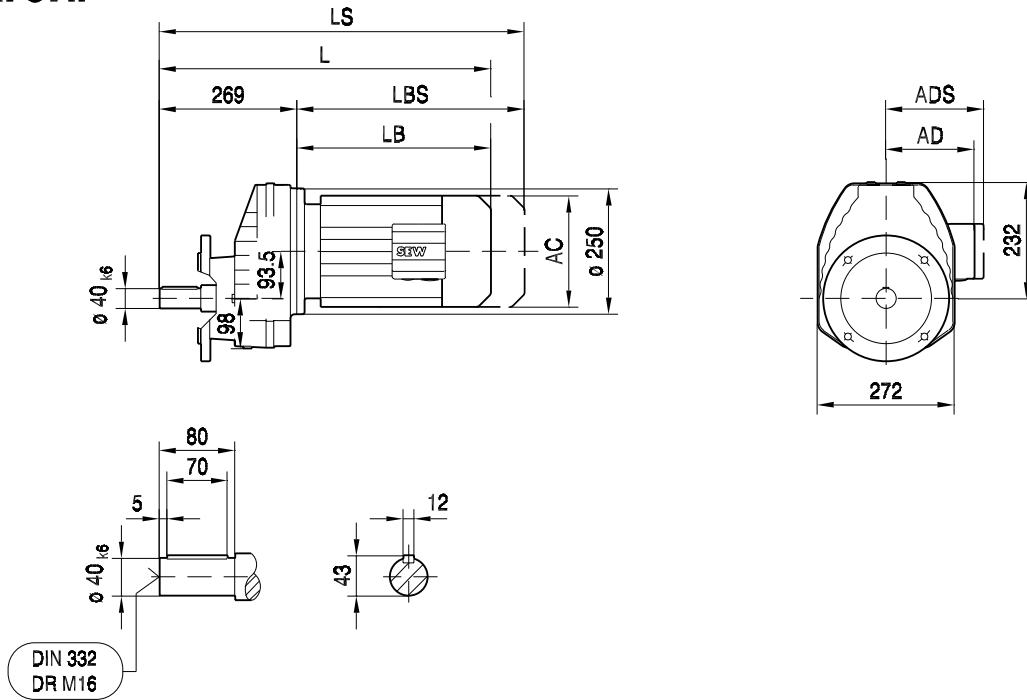
(→ 102)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..			
AC	197	221	221	275	275	275	331	331			
AD	166	179	179	230	230	230	258	258			
ADS	166	182	182	230	230	230	258	258			
L	606	609	654	676	736	736	783	855			
LS	691	689	734	788	848	848	939	1011			
LB	337	340	385	407	467	467	514	586			
LBS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



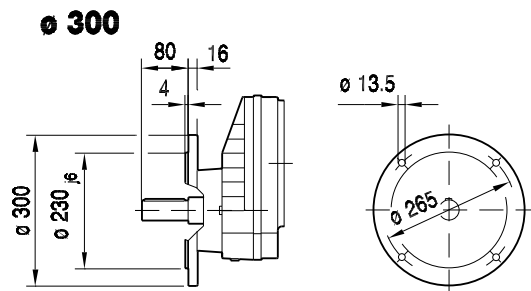
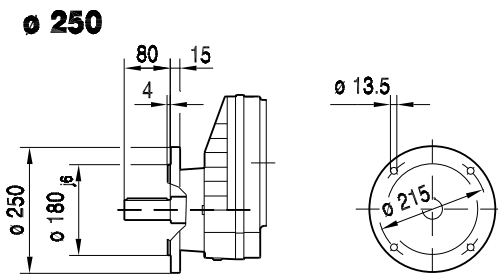


04 036 03 00

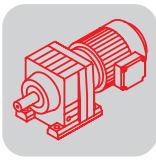
**RXF87..**



8



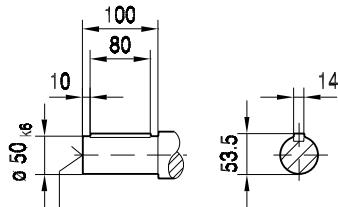
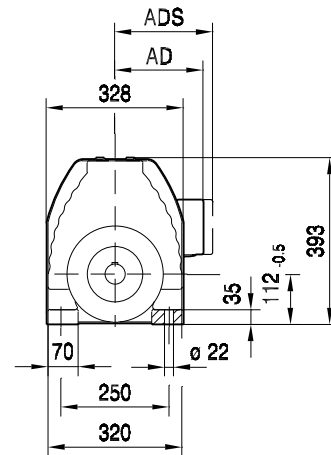
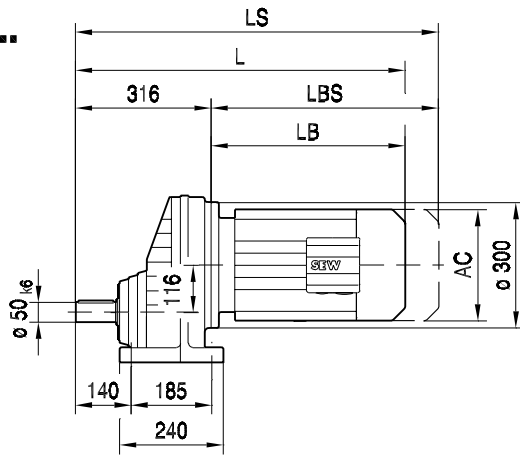
(→ 102)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..			
AC	197	221	221	275	275	275	331	331			
AD	166	179	179	230	230	230	258	258			
ADS	166	182	182	230	230	230	258	258			
L	606	609	654	676	736	736	783	855			
LS	691	689	734	788	848	848	939	1011			
LB	337	340	385	407	467	467	514	586			
LBS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



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

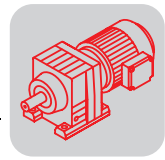
04 031 03 00

**RX97..**



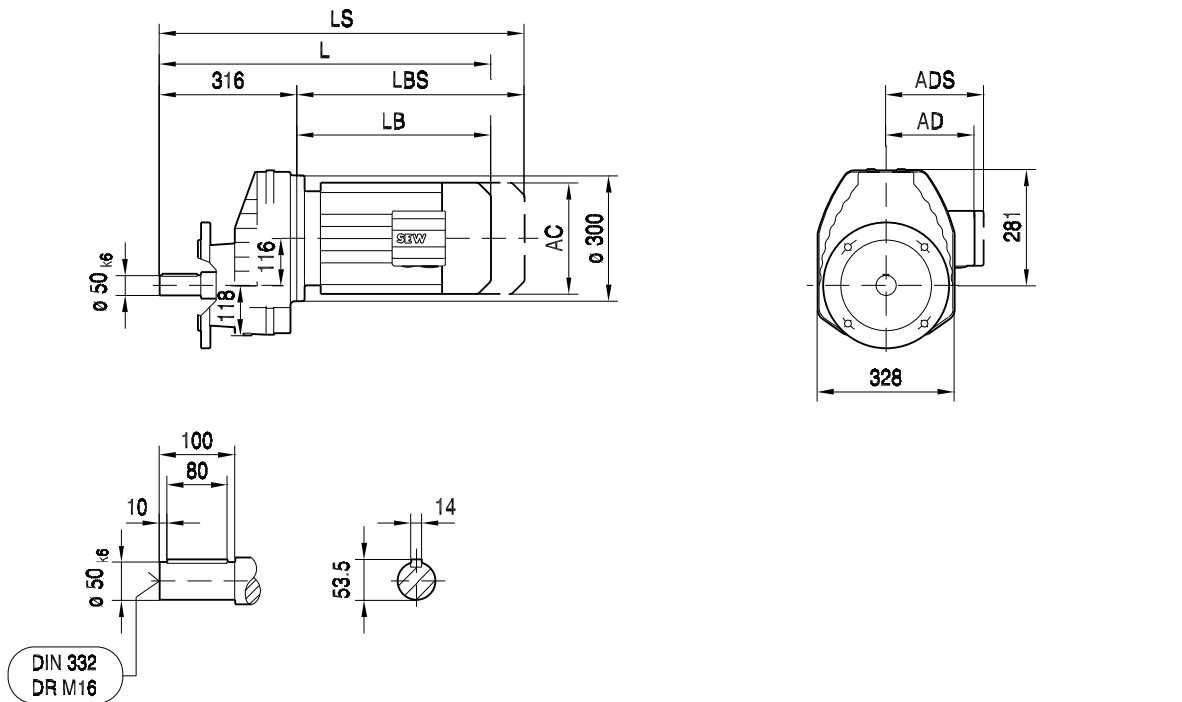
DIN 332  
DR M16

(→ 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	696	718	778	778	825	897	945				
LS	776	830	890	890	981	1053	1101				
LB	380	402	462	462	509	581	629				
LBS	460	514	574	574	665	737	785				

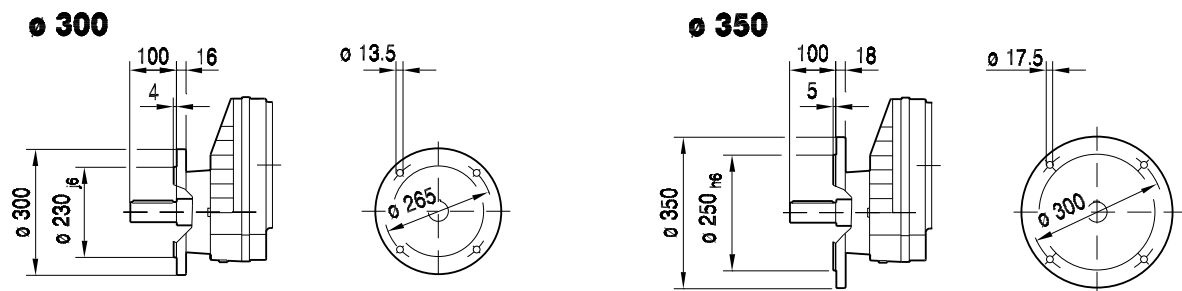


04 037 03 00

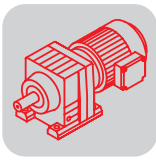
**RXF97..**



8



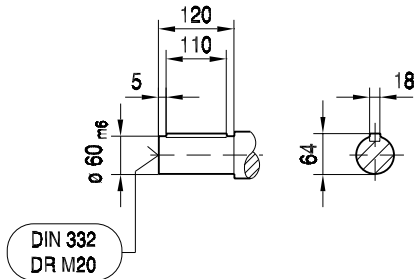
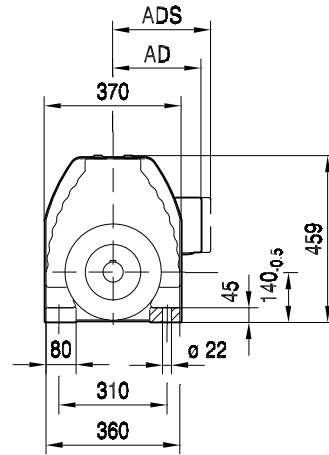
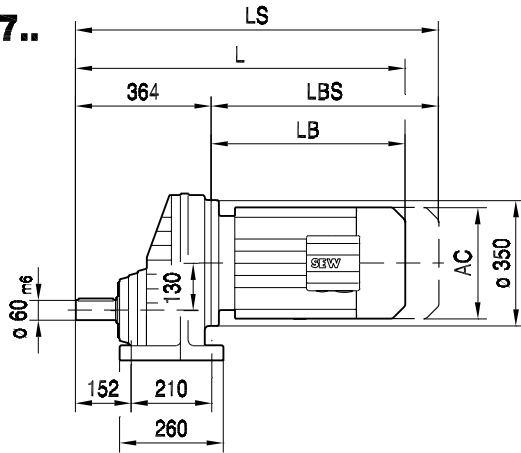
(→ 102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..			
AC	221	275	275	275	331	331	394			
AD	179	230	230	230	258	258	285			
ADS	182	230	230	230	258	258	285			
L	696	718	778	778	825	897	945			
LS	776	830	890	890	981	1053	1101			
LB	380	402	462	462	509	581	629			
LBS	460	514	574	574	665	737	785			



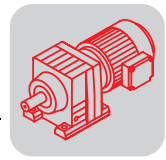
R..DR/DT/DV  
R.. [mm]

04 032 03 00

**RX107..**

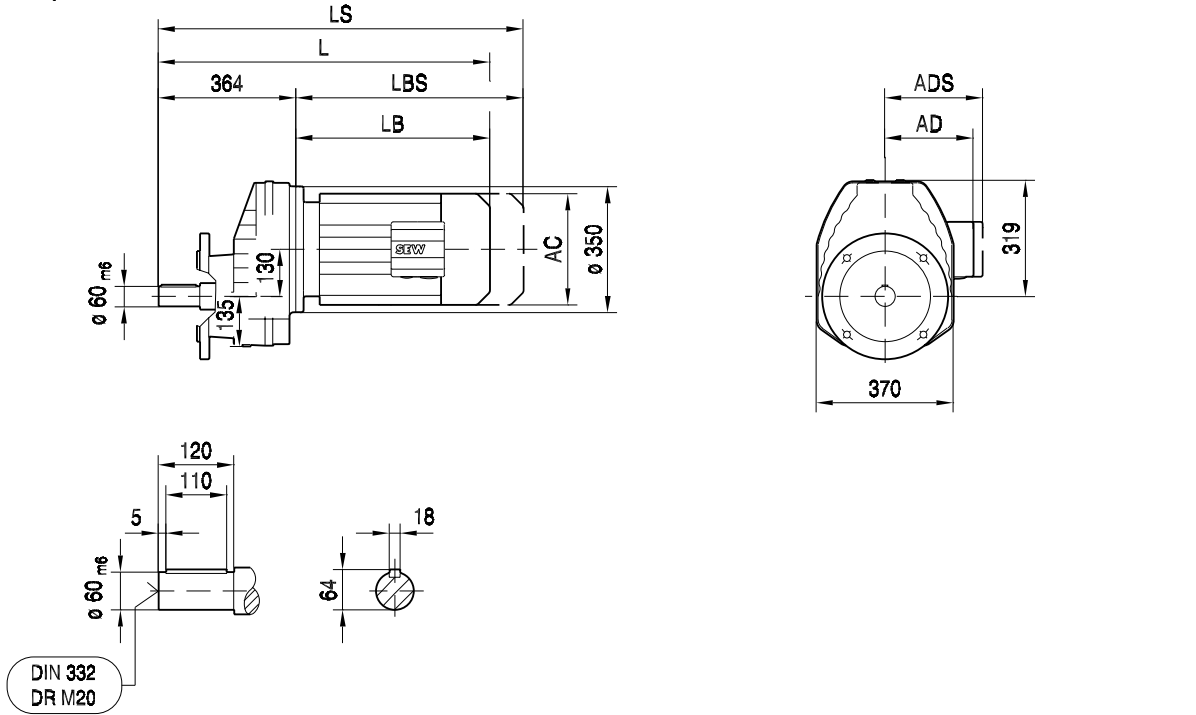


(→ 102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..			
AC	221	275	275	275	331	331	394	394			
AD	179	230	230	230	258	258	285	289			
ADS	182	230	230	230	258	258	285	289			
L	738	760	820	820	867	939	987	1069			
LS	818	872	932	932	1023	1095	1143	1225			
LB	374	396	456	456	503	575	623	705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

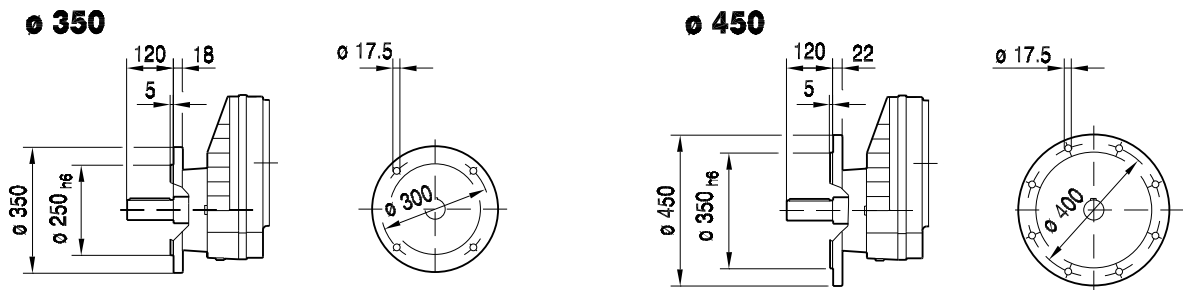


**RXF107..**

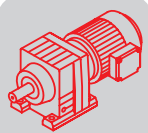
04 038 03 00



8



(→ 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	738	760	820	820	867	939	987	1069			
LS	818	872	932	932	1023	1095	1143	1225			
LB	374	396	456	456	503	575	623	705			
LBS	454	508	568	568	659	731	779	861			

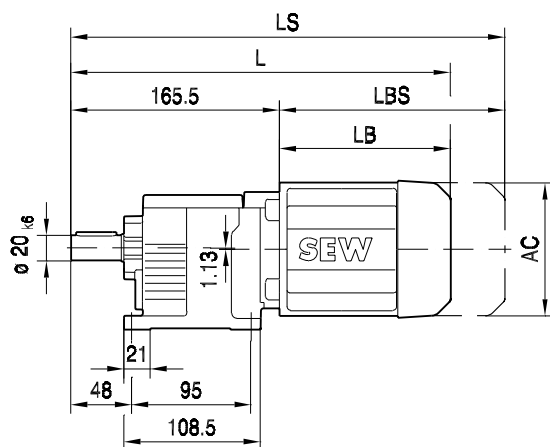


R..DR/DT/DV  
R.. [mm]

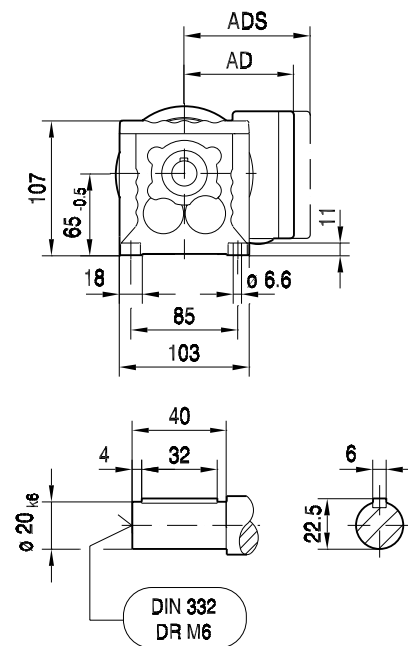
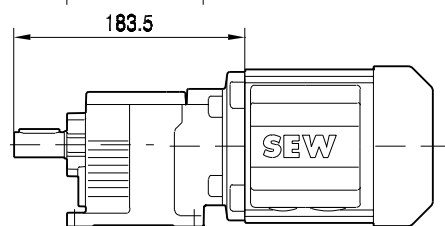
04 002 01 02

R07..

DT56..

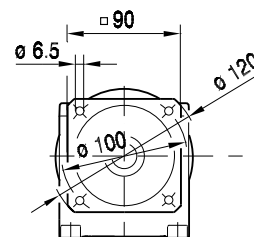
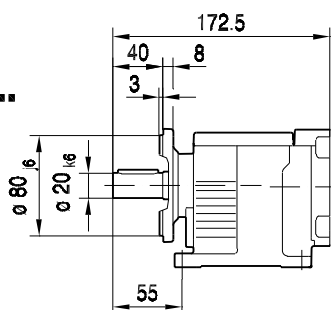


DR/DT..

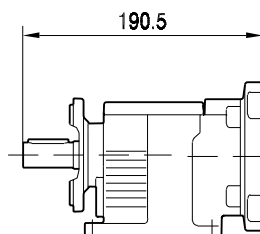


R07F..

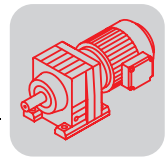
DT56..



DR/DT..



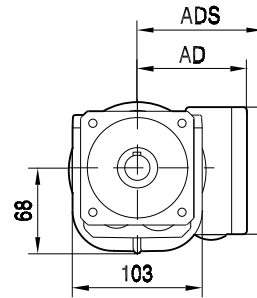
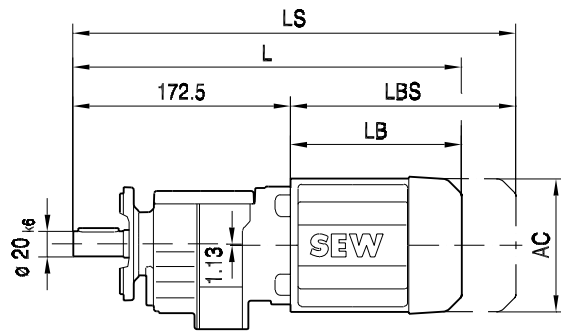
(→ 102)	DT56..	DR63..	DT71D							
AC	109	132	145							
AD	87	105	122							
ADS	87	105	127							
L	302	333	347							
LS	338	388	411							
LB	136	149	164							
LBS	172	204	227							



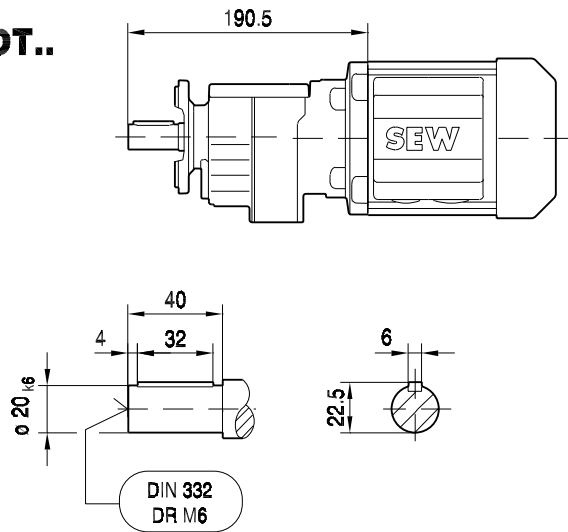
04 003 01 02

**RF07..**

**DT56..**

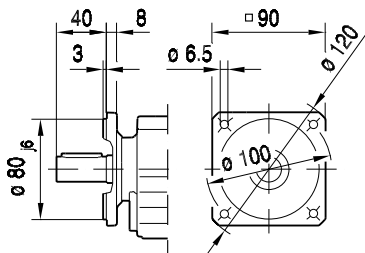


**DR/DT..**

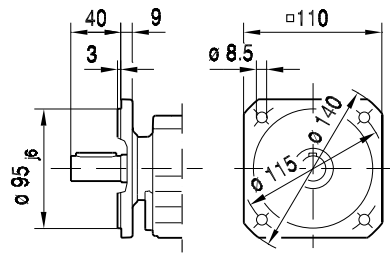


8

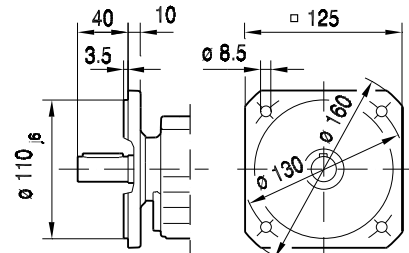
**$\varnothing 120$**



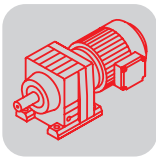
**$\varnothing 140$**



**$\varnothing 160$**



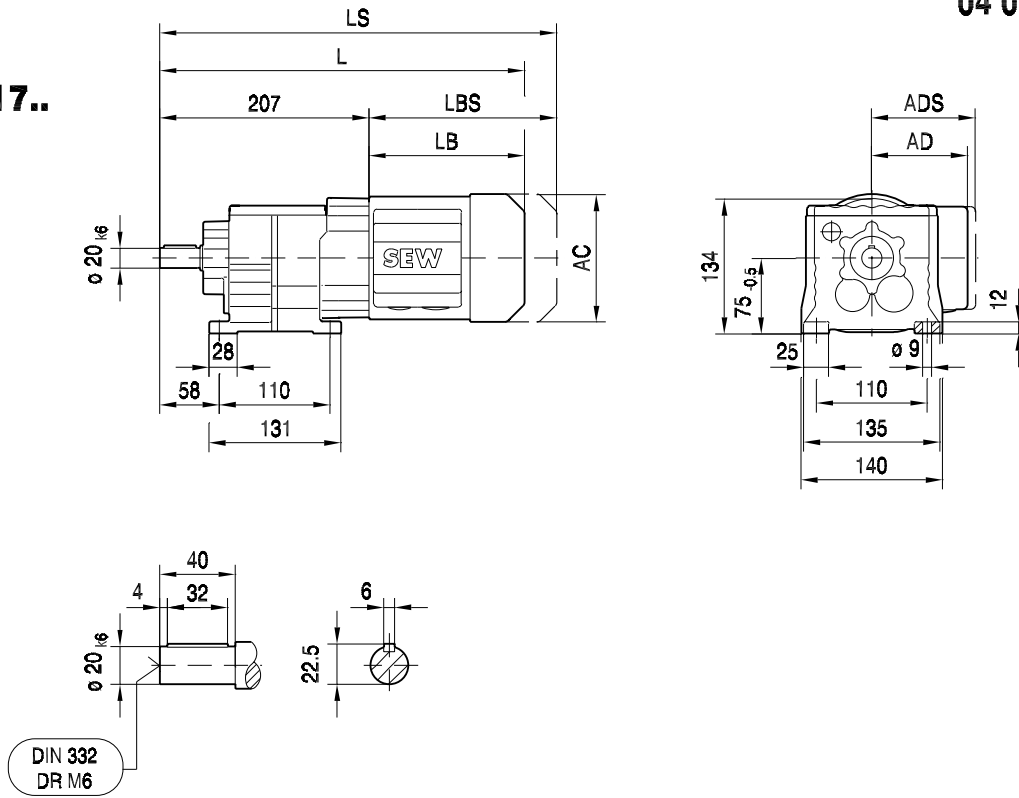
(→ 102)	DT56..	DR63..	DT71D							
AC	109	132	145							
AD	87	105	122							
ADS	87	105	127							
L	309	340	354							
LS	345	395	418							
LB	136	149	164							
LBS	172	204	227							



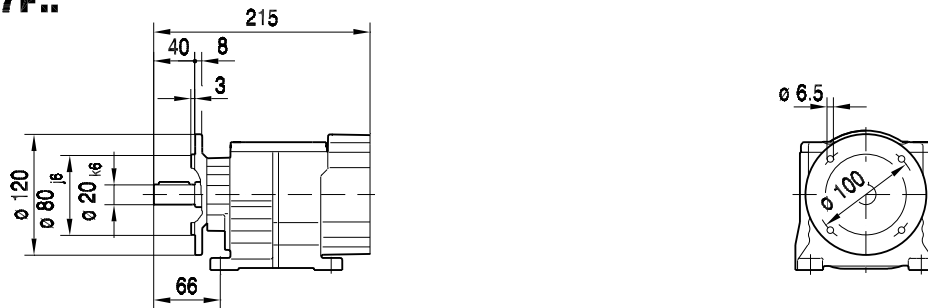
R..DR/DT/DV  
R.. [mm]

04 001 03 00

**R17..**

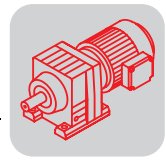


**R17F..**

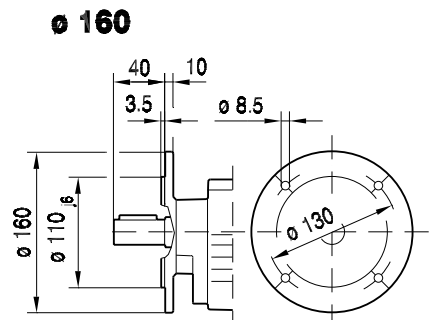
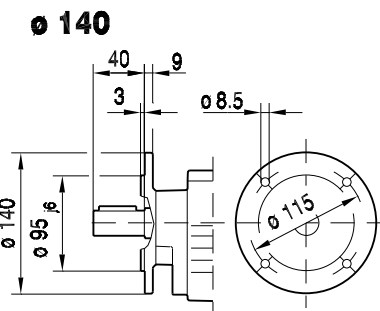
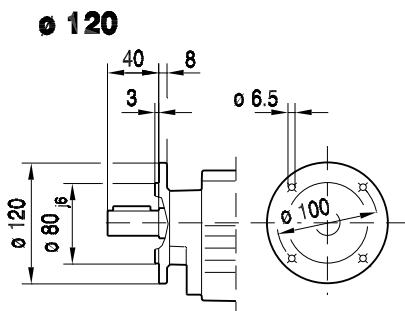
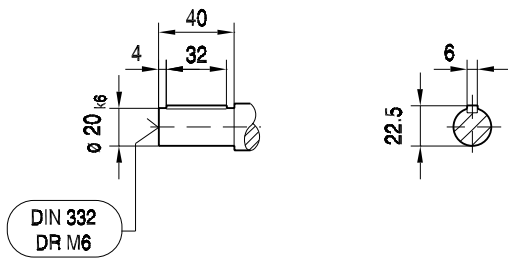
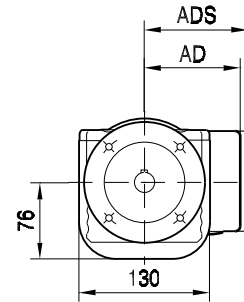
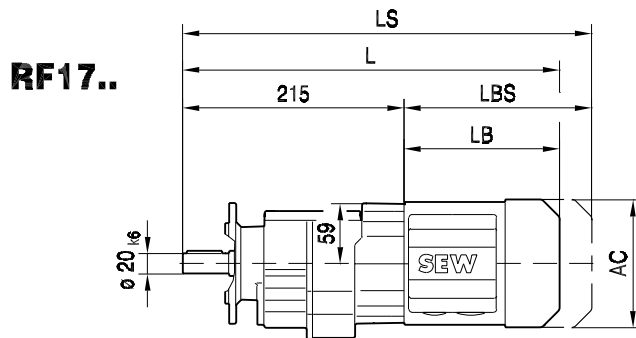


(→ 102)	DR63..	DT71D	DT80..							
AC	132	145	145							
AD	105	122	122							
ADS	105	127	127							
L	356	371	421							
LS	411	434	484							
LB	149	164	214							
LBS	204	227	277							

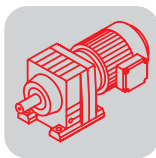




04 014 03 00



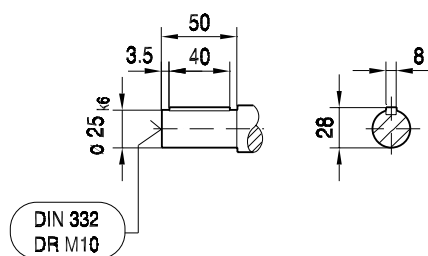
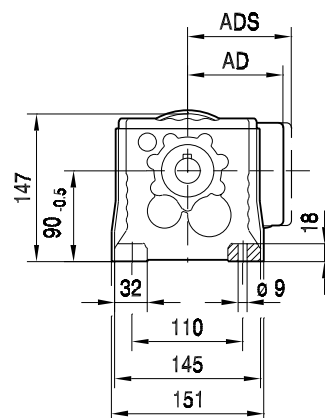
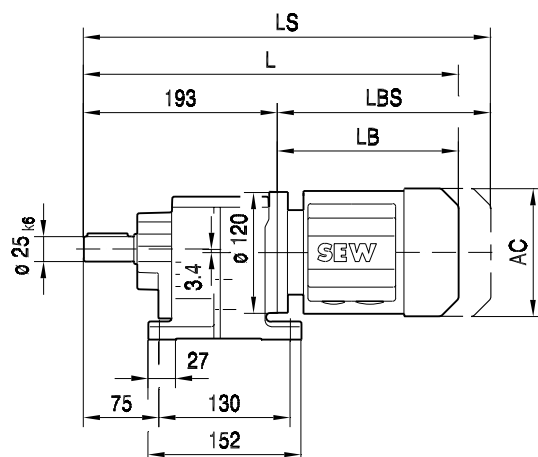
(→ 102)	DR63..	DT71D	DT80..							
AC	132	145	145							
AD	105	122	122							
ADS	105	127	127							
L	364	379	429							
LS	419	442	492							
LB	149	164	214							
LBS	204	227	277							



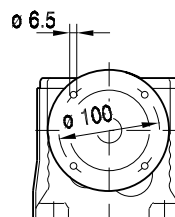
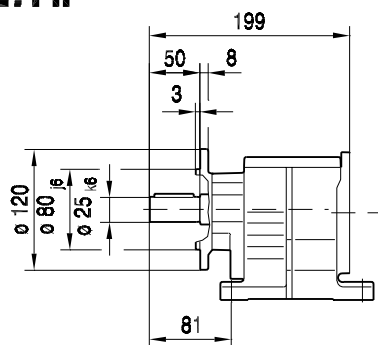
R..DR/DT/DV  
R.. [mm]

04 002 03 00

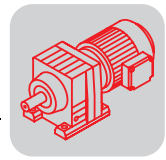
R27..



R27F..

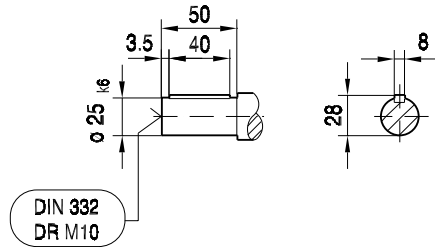
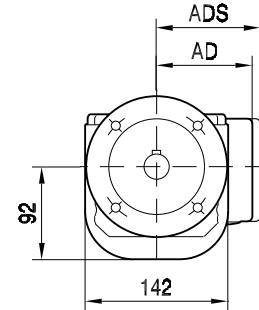
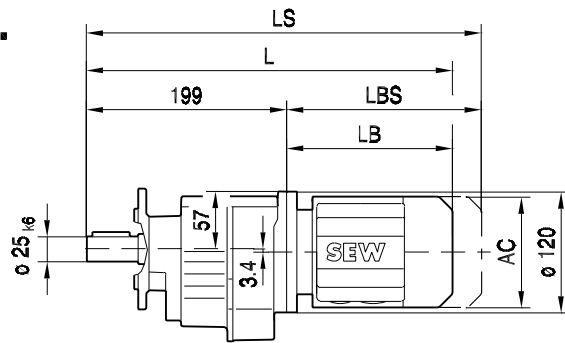


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	384	399	449	469	521	551				
LS	439	462	512	554	606	636				
LB	191	206	256	276	328	358				
LBS	246	269	319	361	413	443				



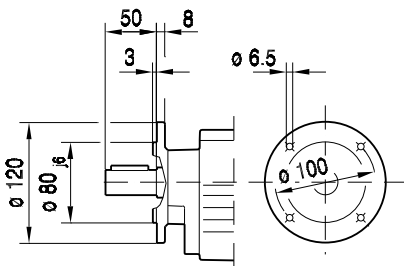
04 015 03 00

**RF27..**

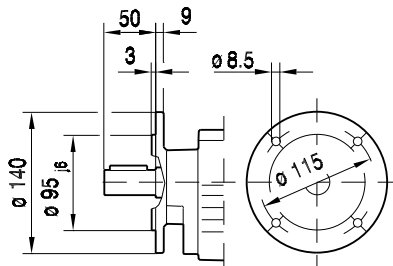


8

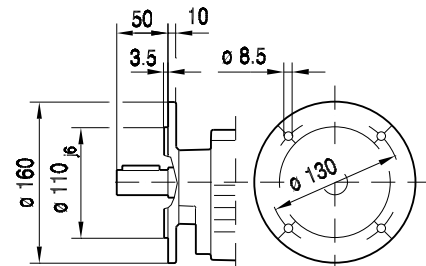
**∅ 120**



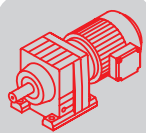
**∅ 140**



**∅ 160**



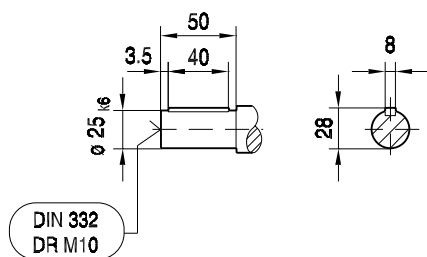
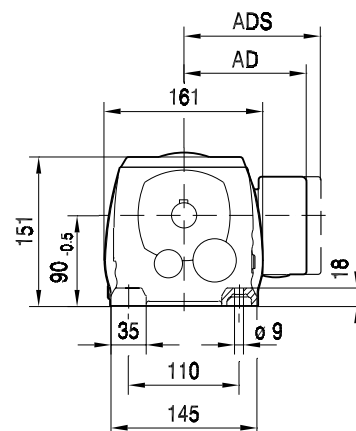
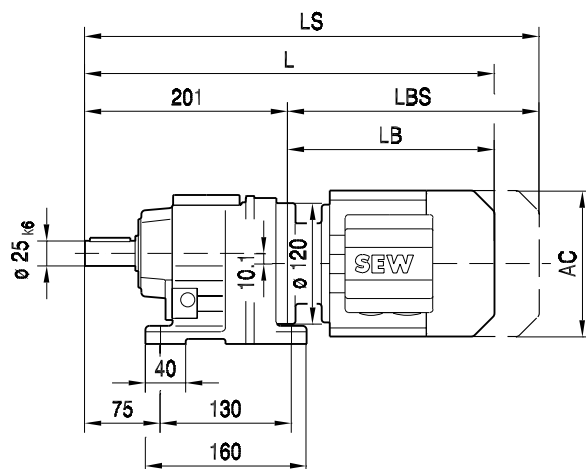
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	390	405	455	475	527	557				
LS	445	468	518	560	612	642				
LB	191	206	256	276	328	358				
LBS	246	269	319	361	413	443				



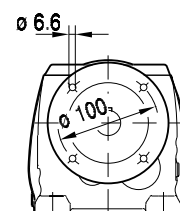
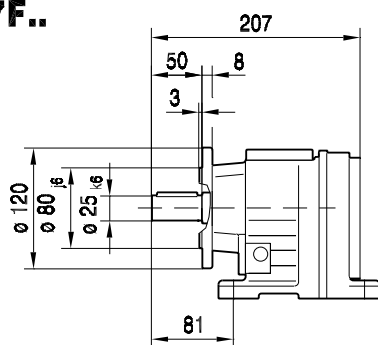
R..DR/DT/DV  
R.. [mm]

04 003 03 00

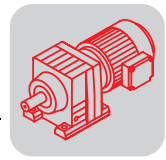
R37..



R37F..

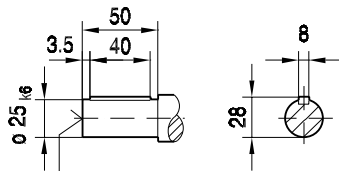
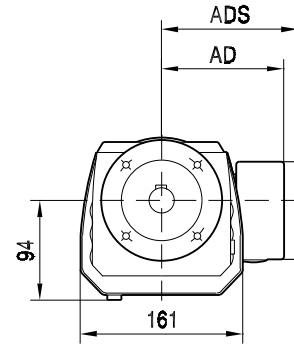
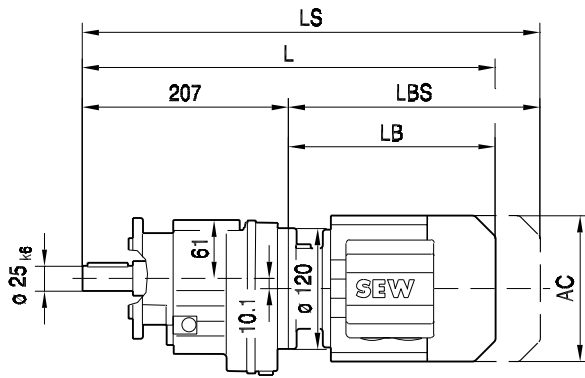


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	392	407	457	477	529	559				
LS	447	470	520	562	614	644				
LB	191	206	256	276	328	358				
LBS	246	269	319	361	413	443				



04 016 03 00

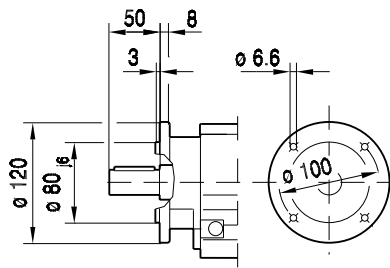
RF37..



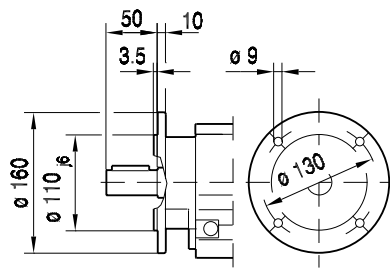
DIN 332  
DR M10

8

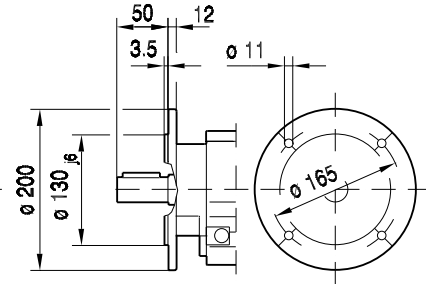
$\varnothing 120$



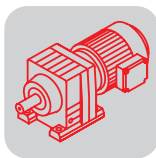
$\varnothing 160$



$\varnothing 200$

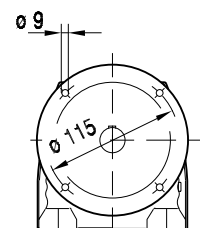
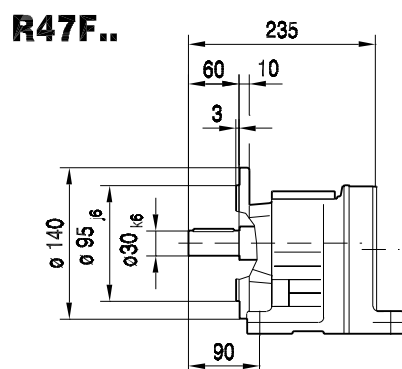
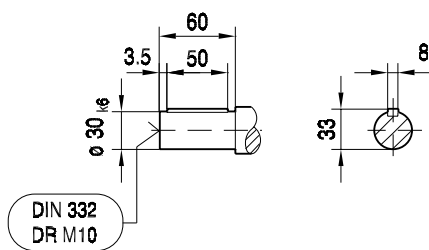
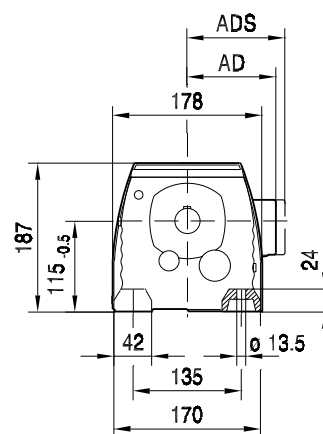
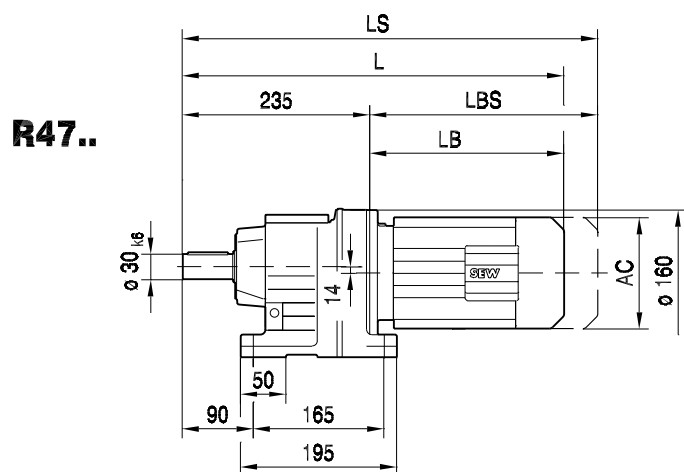


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	398	413	463	483	535	565				
LS	453	476	526	568	620	650				
LB	191	206	256	276	328	358				
LBS	246	269	319	361	413	443				

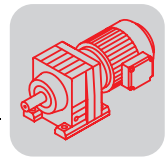


R..DR/DT/DV  
R.. [mm]

04 004 03 00

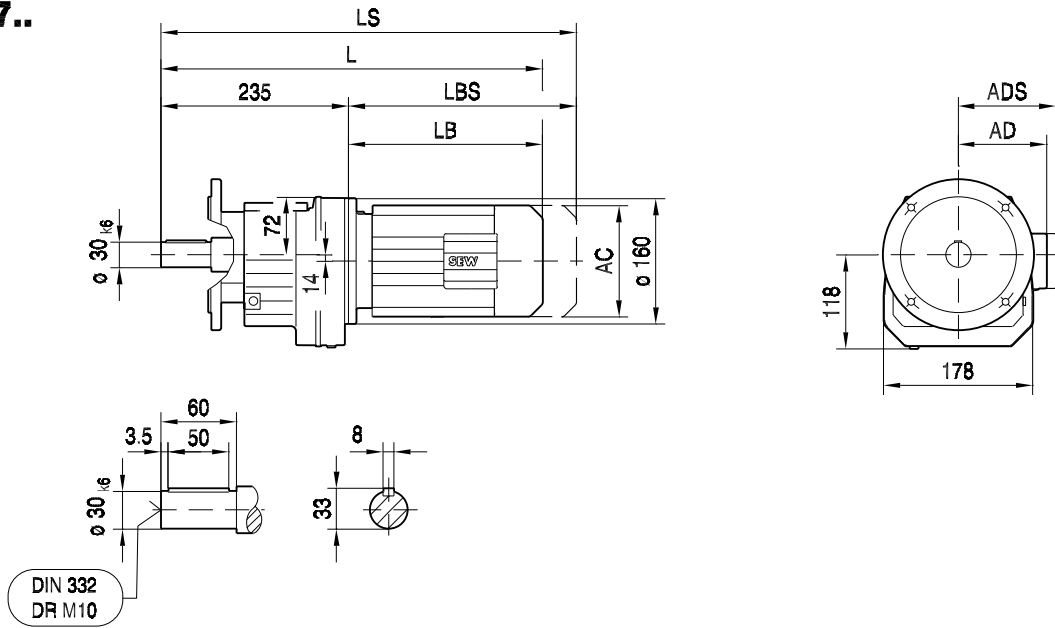


(→  102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	420	434	484	504	554	584	589	637			
LS	475	498	548	589	639	669	669	717			
LB	185	199	249	269	319	349	354	402			
LBS	240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

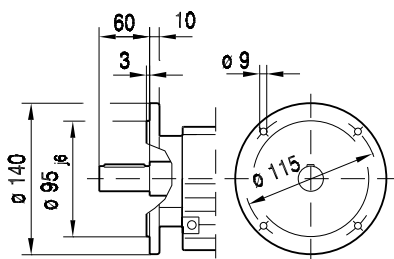


04 017 03 00

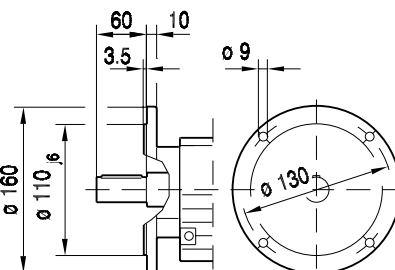
**RF47..**



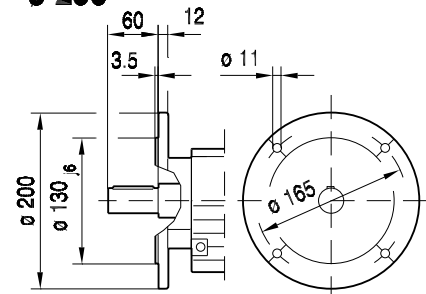
**∅ 140**



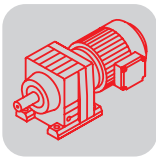
**∅ 160**



**∅ 200**



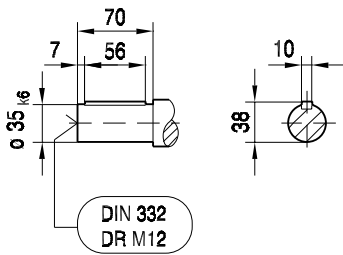
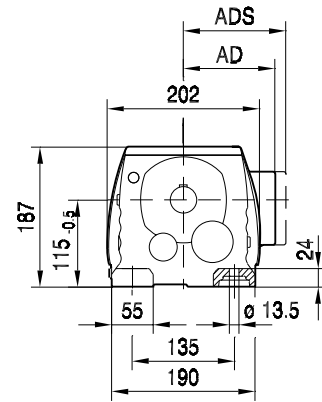
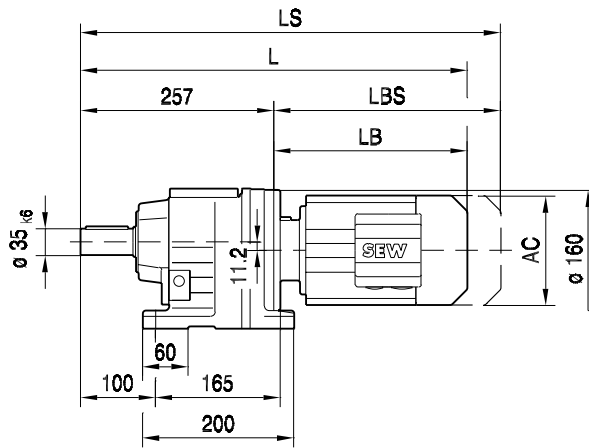
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	420	434	484	504	554	584	589	637			
LS	475	498	548	589	639	669	669	717			
LB	185	199	249	269	319	349	354	402			
LBS	240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



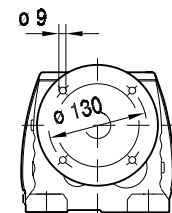
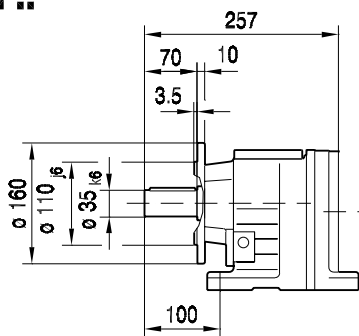
R..DR/DT/DV  
R.. [mm]

04 005 02 00

R57..

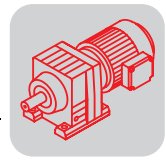


R57F..



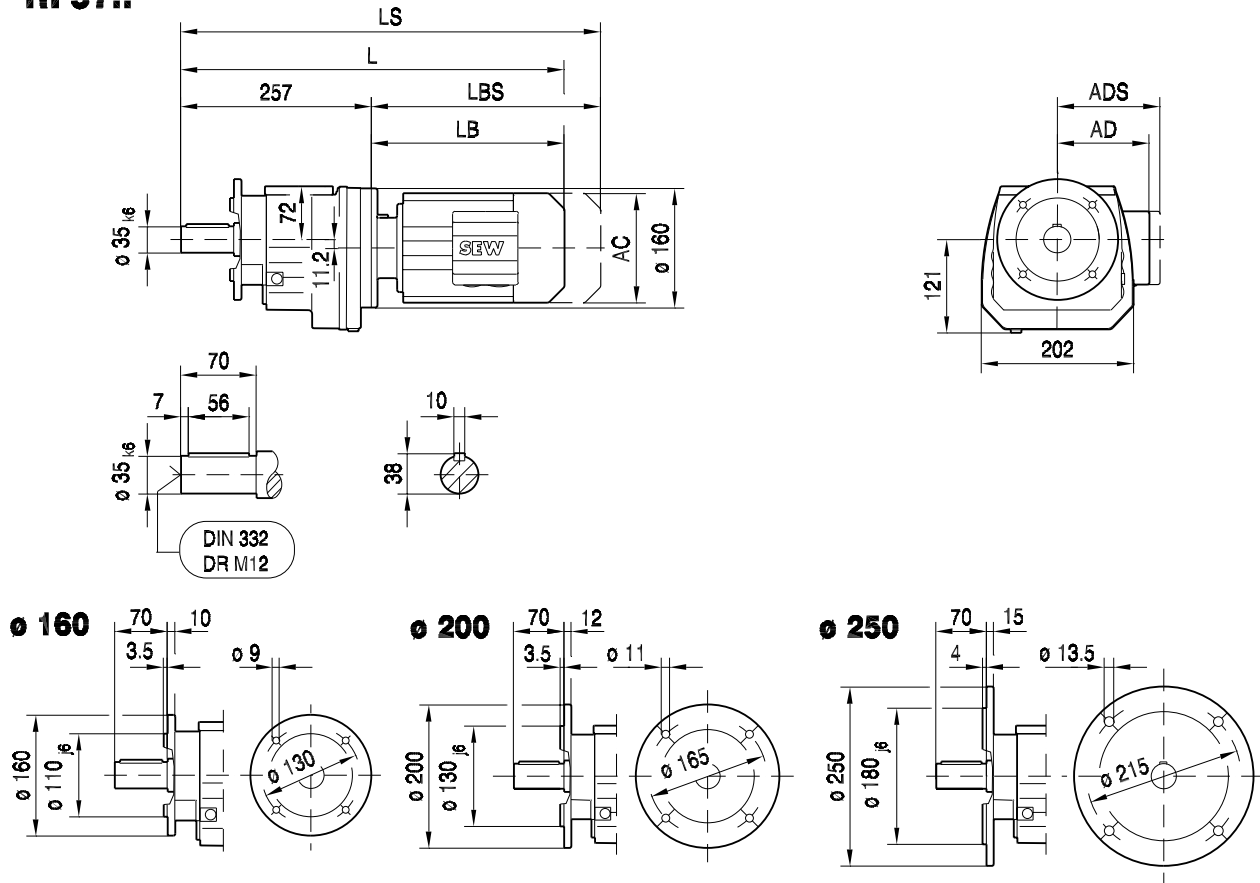
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	442	456	506	526	576	606	611	659	681		
LS	497	520	570	611	661	691	691	739	793		
LB	185	199	249	269	319	349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





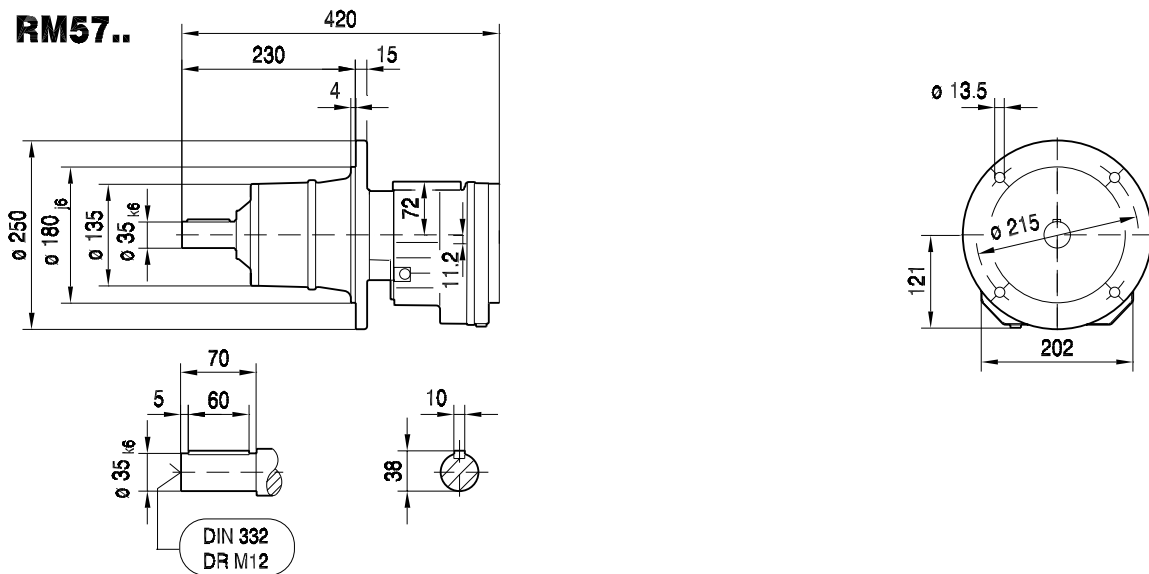
**RF57..**

04 018 02 00

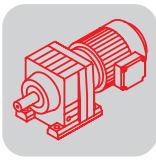


8

**RM57..**



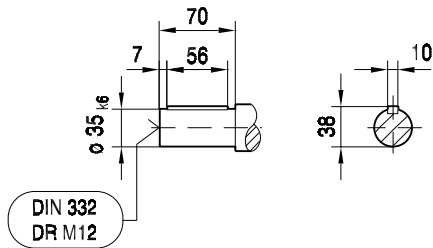
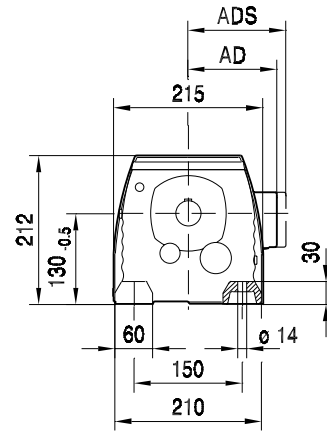
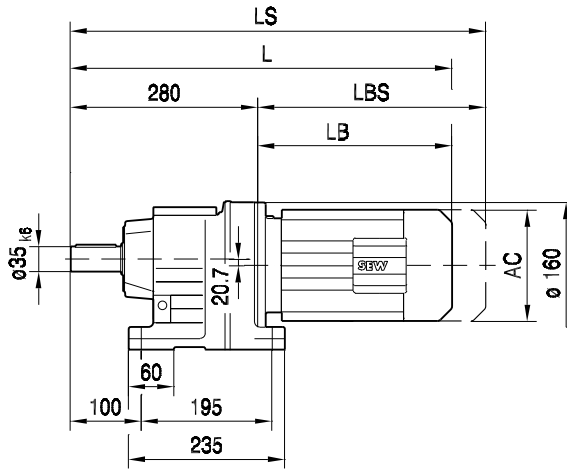
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	442	456	506	526	576	606	611	659	681		
LS	497	520	570	611	661	691	691	739	793		
LB	185	199	249	269	319	349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



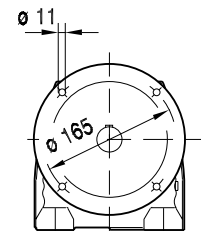
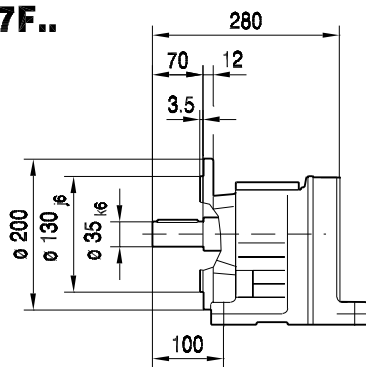
R..DR/DT/DV  
R.. [mm]

04 006 02 00

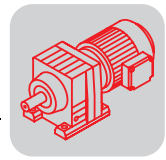
R67..



R67F..

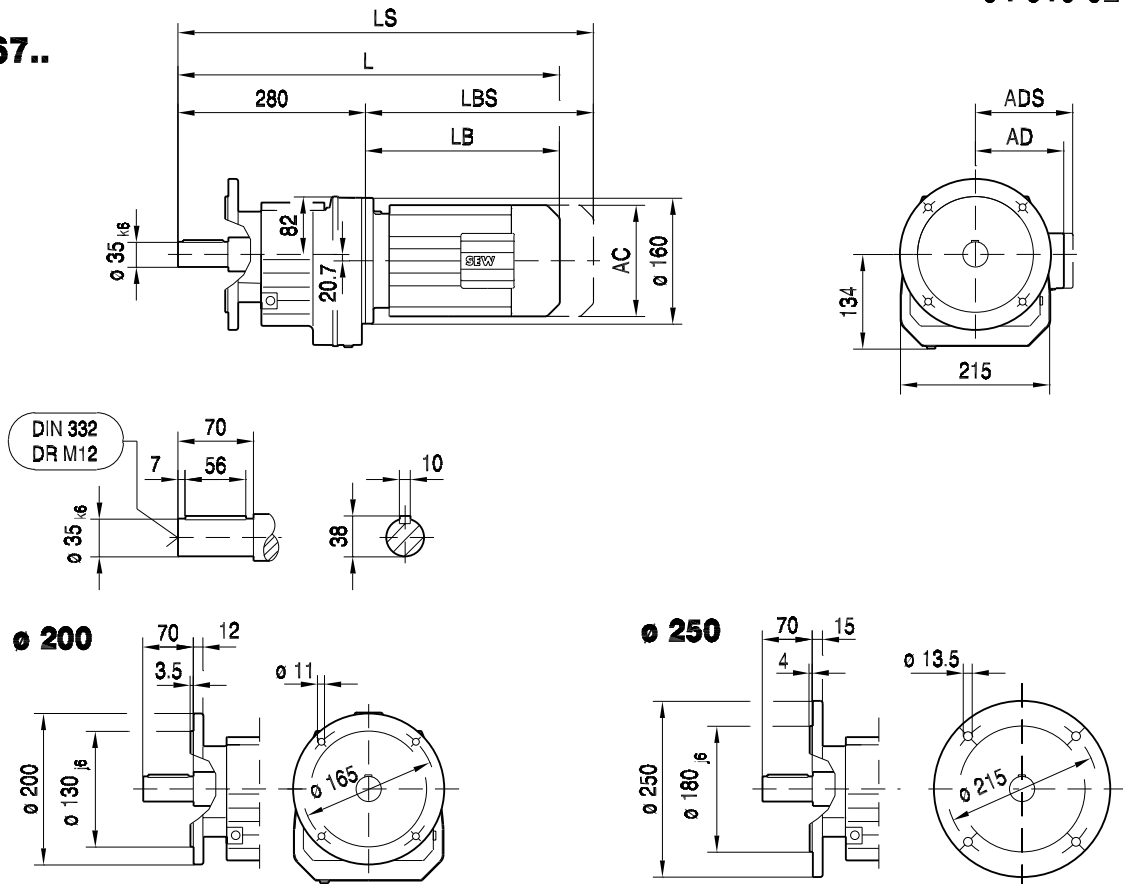


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	465	479	529	549	599	629	634	682	704		
LS	520	543	593	634	684	714	714	762	816		
LB	185	199	249	269	319	349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

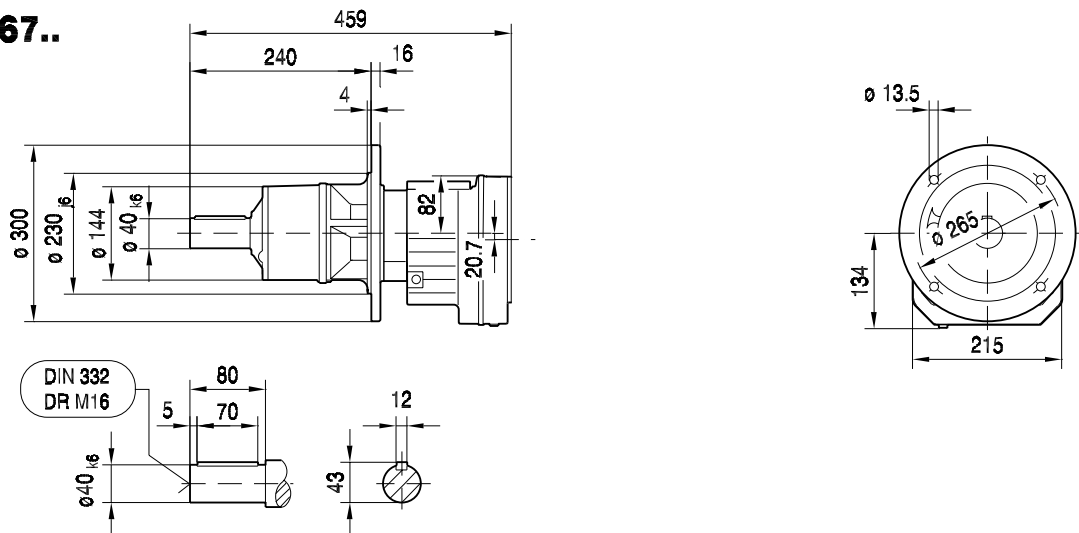


04 019 02 00

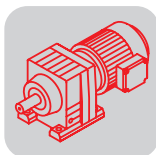
**RF67..**



**RM67..**



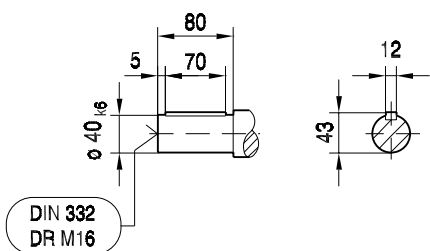
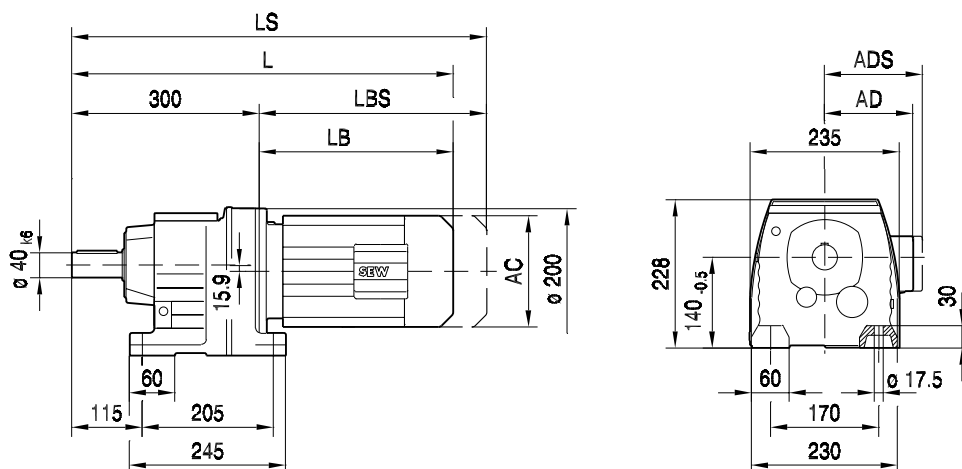
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M		
AC	132	145	145	197	197	197	221	221	275		
AD	105	122	122	154	166	166	179	179	230		
ADS	105	127	127	161	166	166	182	182	230		
L	465	479	529	549	599	629	634	682	704		
LS	520	543	593	634	684	714	714	762	816		
LB	185	199	249	269	319	349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



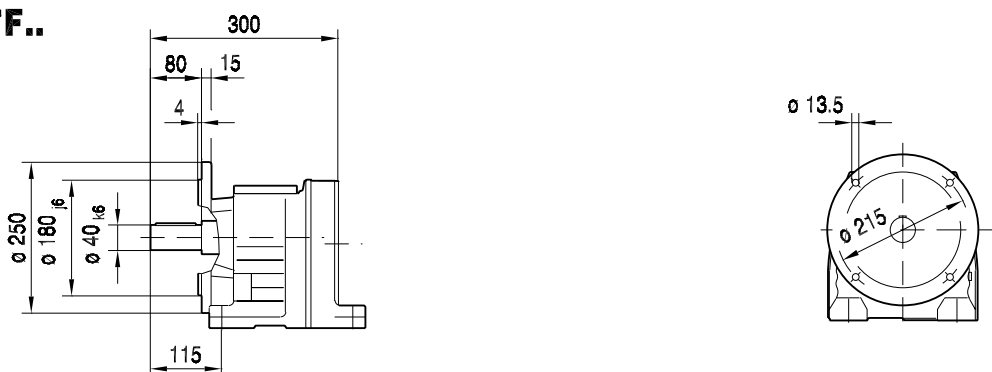
R..DR/DT/DV  
R.. [mm]

04 007 02 00

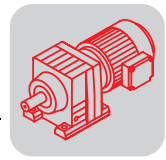
**R77..**



**R77F..**

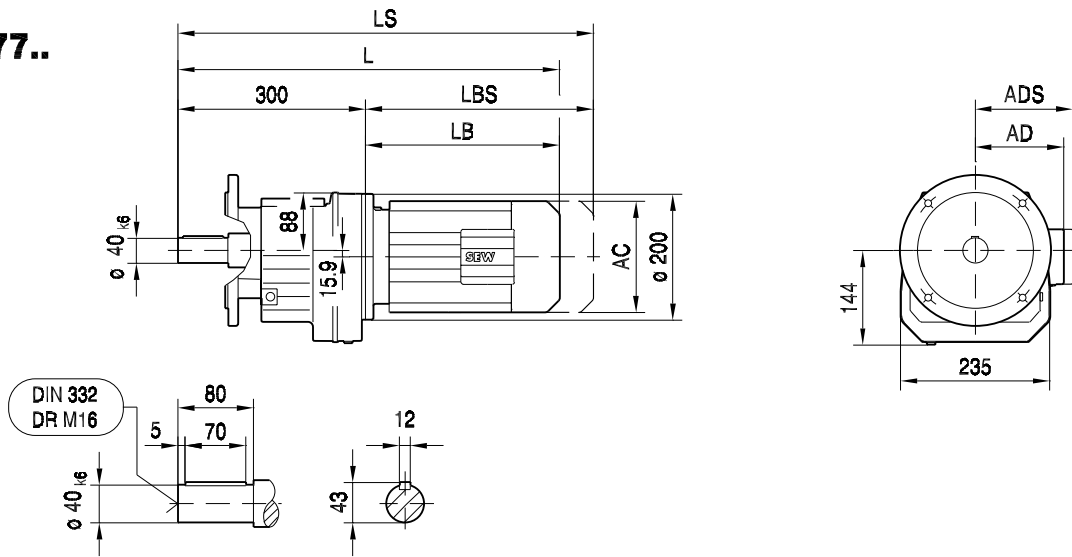


(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
ADS	105	127	127	161	166	166	182	182	230	230	230
L	479	493	543	561	611	641	645	690	712	772	772
LS	534	557	607	646	696	726	725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

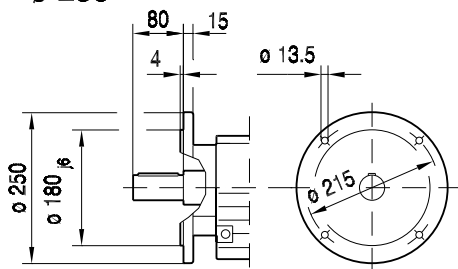


04 020 02 00

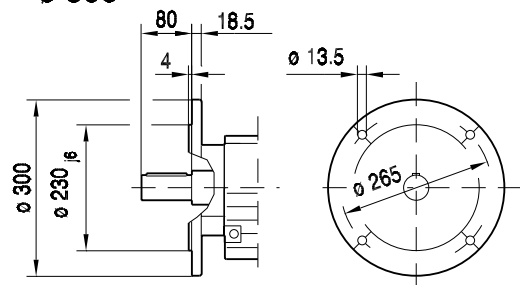
**RF77..**



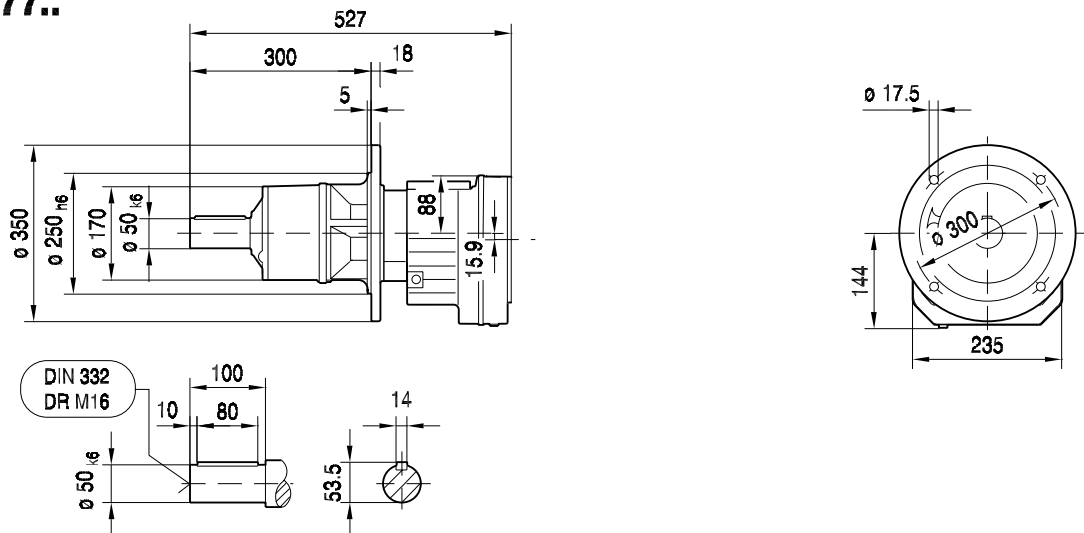
**ø 250**



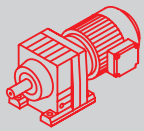
**ø 300**



**RM77..**



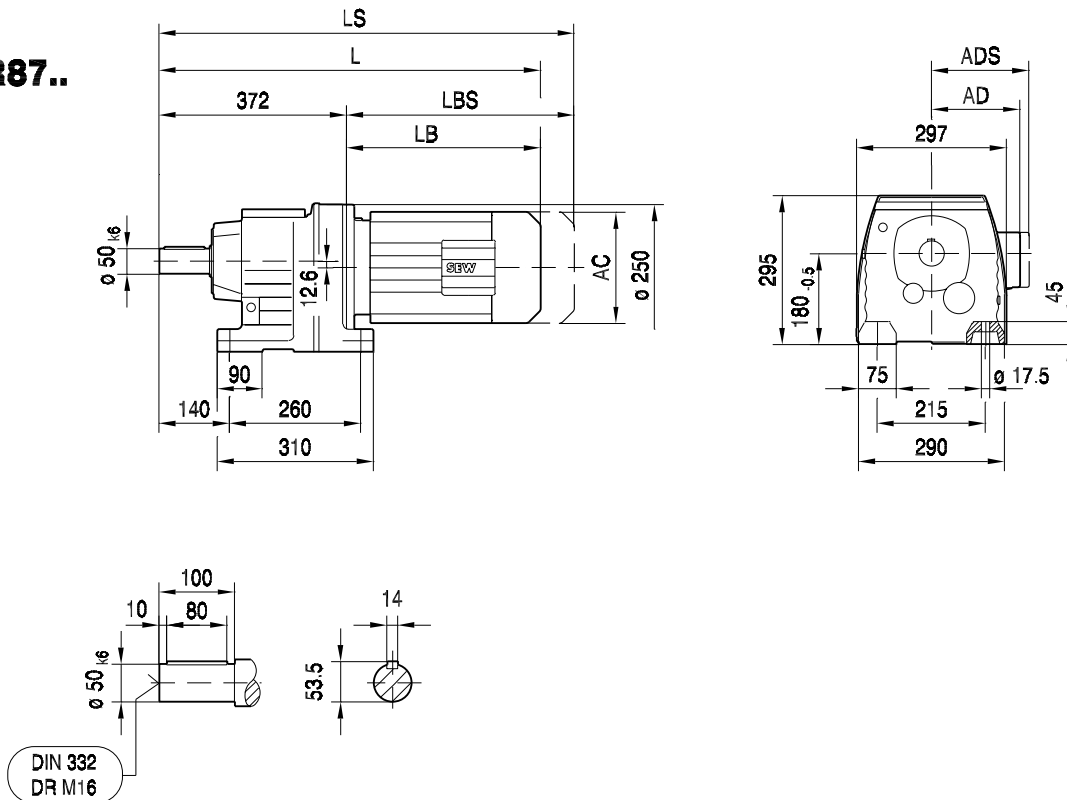
(→ 102)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
ADS	105	127	127	161	166	166	182	182	230	230	230
L	479	493	543	561	611	641	645	690	712	772	772
LS	534	557	607	646	696	726	725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



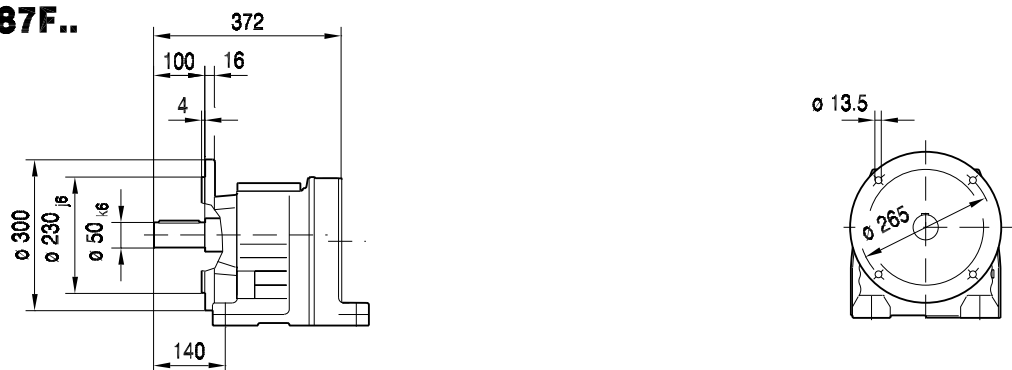
R..DR/DT/DV  
R.. [mm]

04 008 03 00

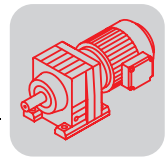
R87..



R87F..

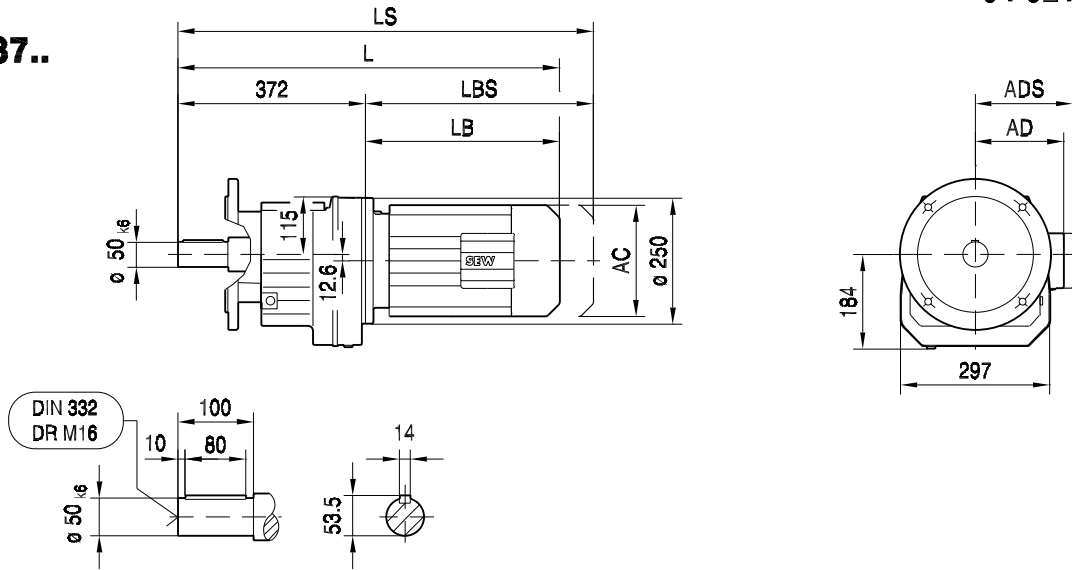


(→ 102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	610	629	679	709	712	757	779	839	839	886	958
LS	674	714	764	794	792	837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

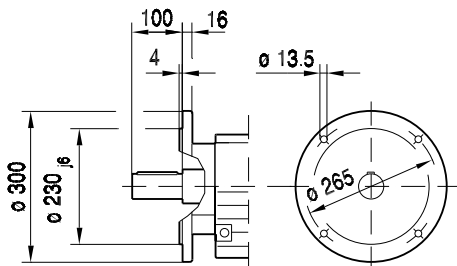


04 021 03 00

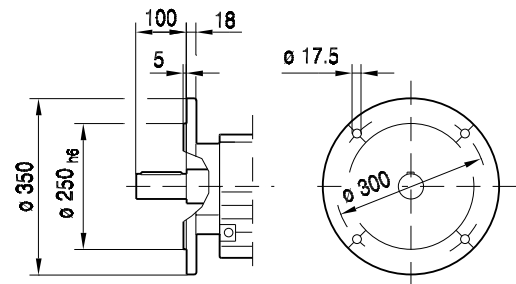
**RF87..**



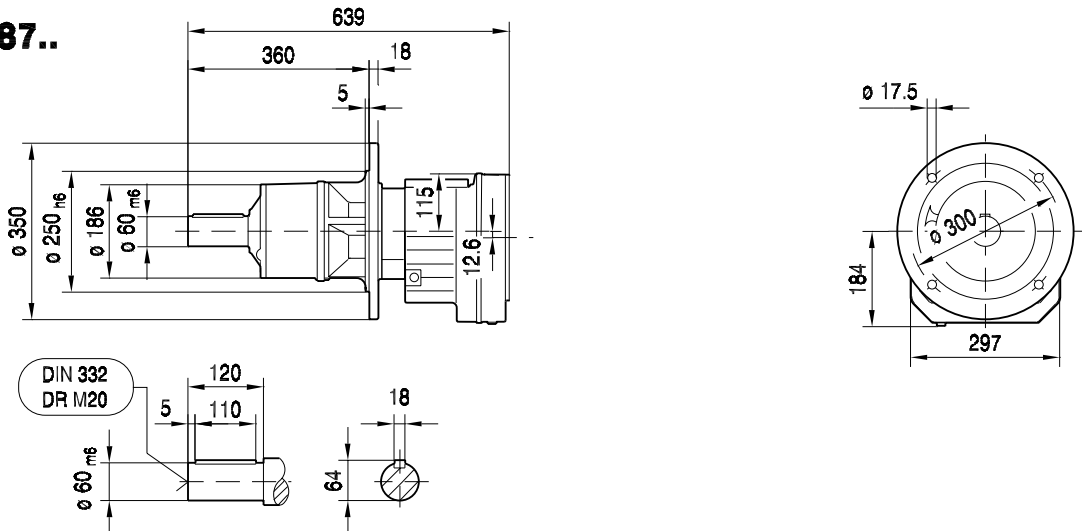
**ø 300**



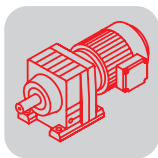
**ø 350**



**RM87..**



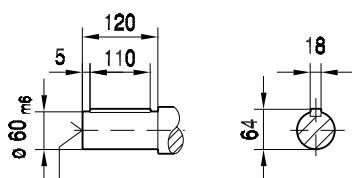
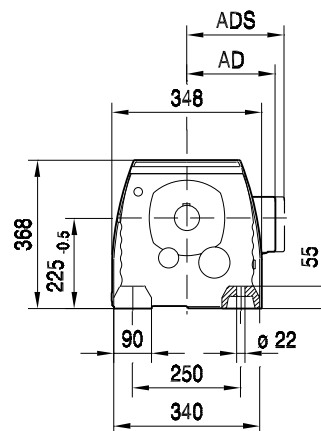
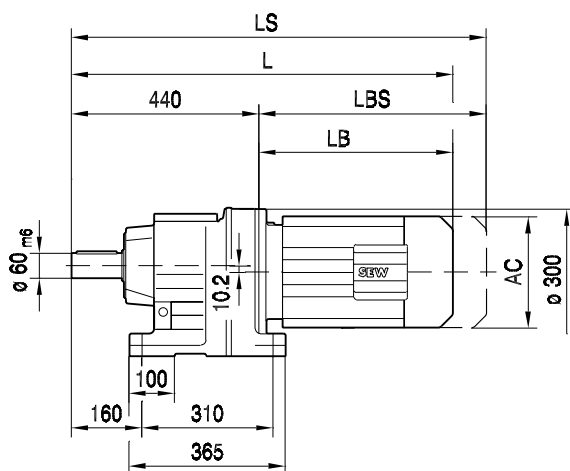
(→ 102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	610	629	679	709	712	757	779	839	839	886	958
LS	674	714	764	794	792	837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



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

04 009 03 00

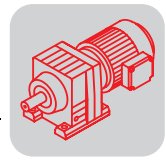
R97..



DIN 332  
DR M20

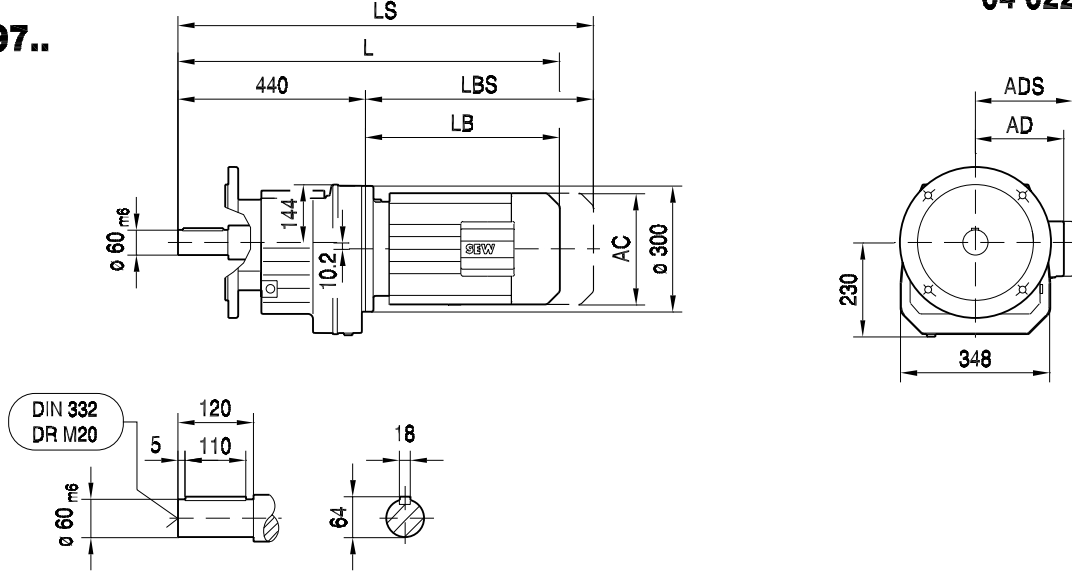
(→ 102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	145	197	197	197	221	221	275	275	275	331	331	394
AD	122	154	166	166	179	179	230	230	230	258	258	285
ADS	127	161	166	166	182	182	230	230	230	258	258	285
L	671	691	741	771	775	820	842	902	902	949	1021	1069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



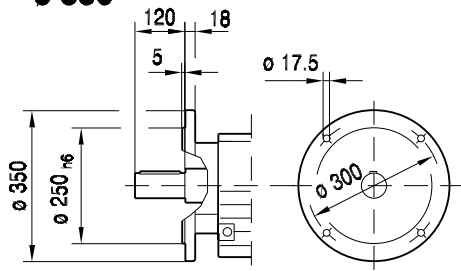


04 022 03 00

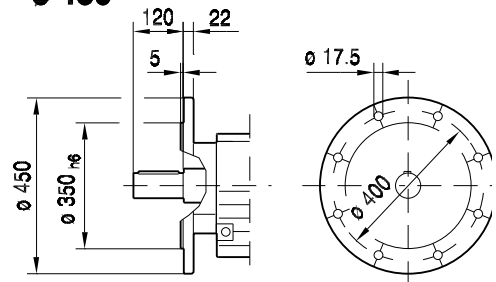
**RF97..**



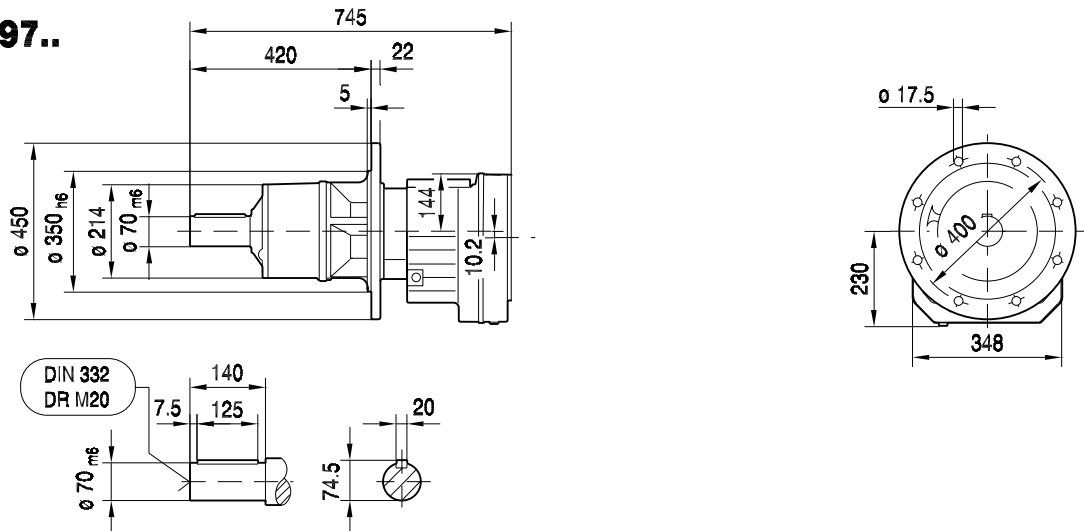
**ø 350**



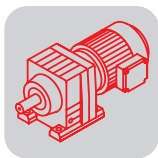
**ø 450**



**RM97..**



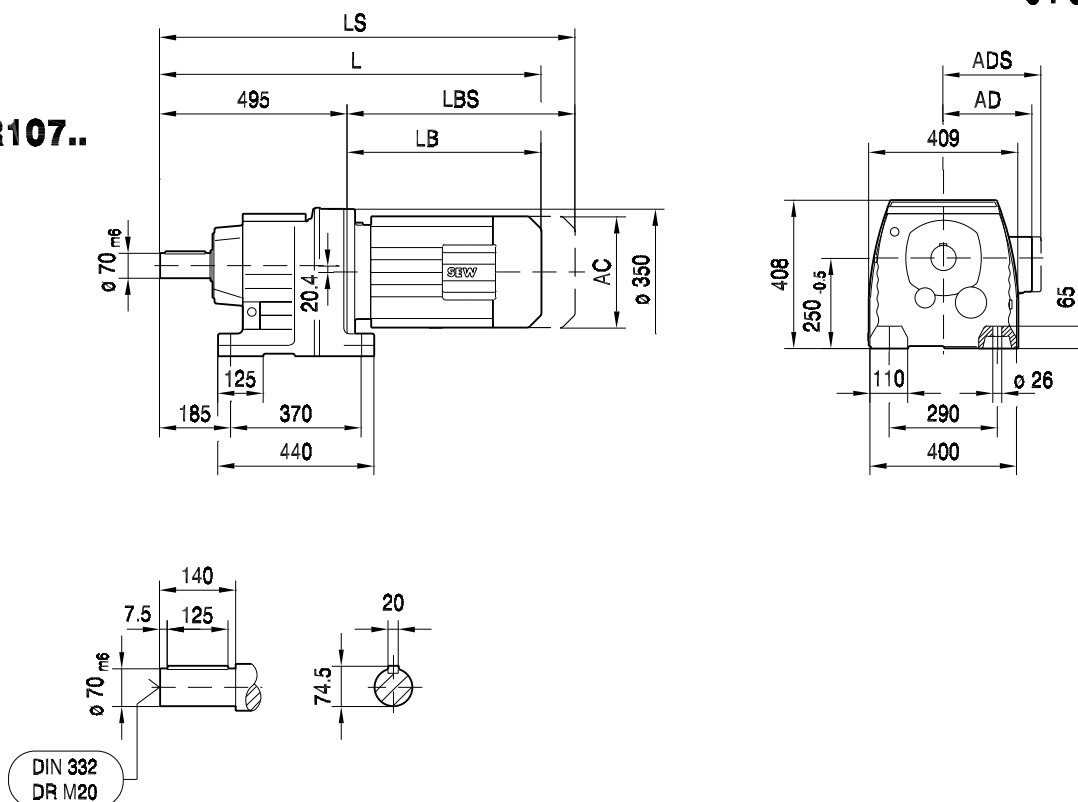
(→ 102)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	145	197	197	197	221	221	275	275	275	331	331	394
AD	122	154	166	166	179	179	230	230	230	258	258	285
ADS	127	161	166	166	182	182	230	230	230	258	258	285
L	671	691	741	771	775	820	842	902	902	949	1021	1069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



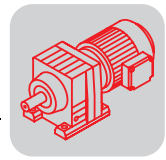
R..DR/DT/DV  
R.. [mm]

04 010 03 00

R107..

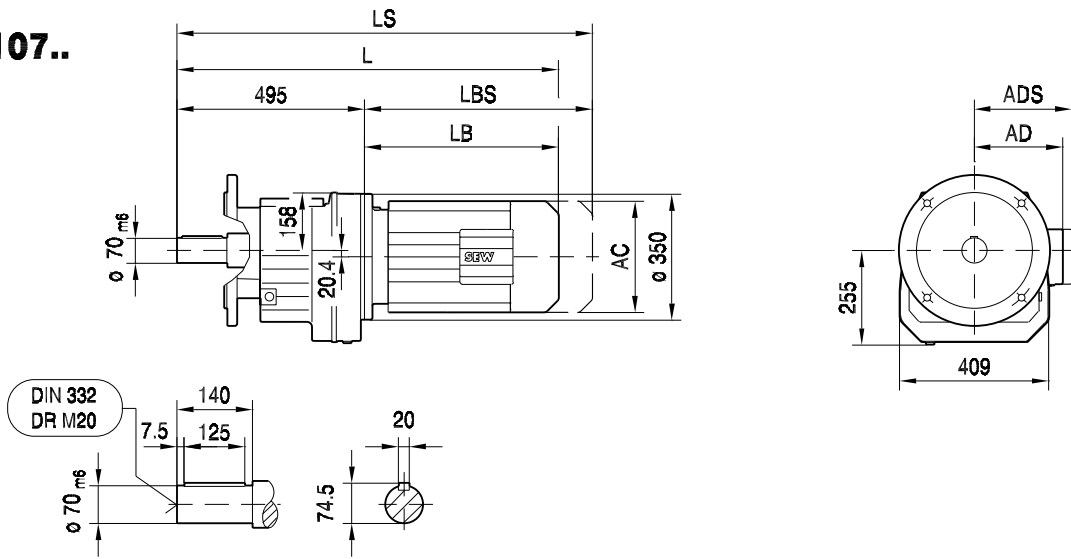


(→ 102)	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
ADS	166	166	182	182	230	230	230	258	258	285	289
L	790	820	824	869	891	951	951	998	1070	1118	1200
LS	875	905	904	949	1003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

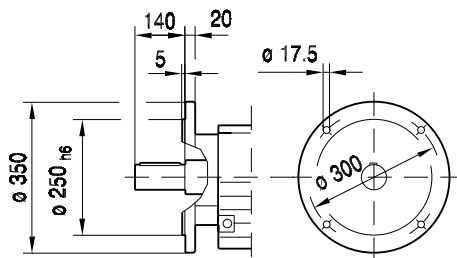


04 023 03 00

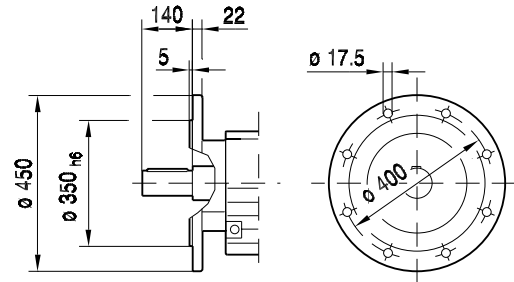
**RF107..**



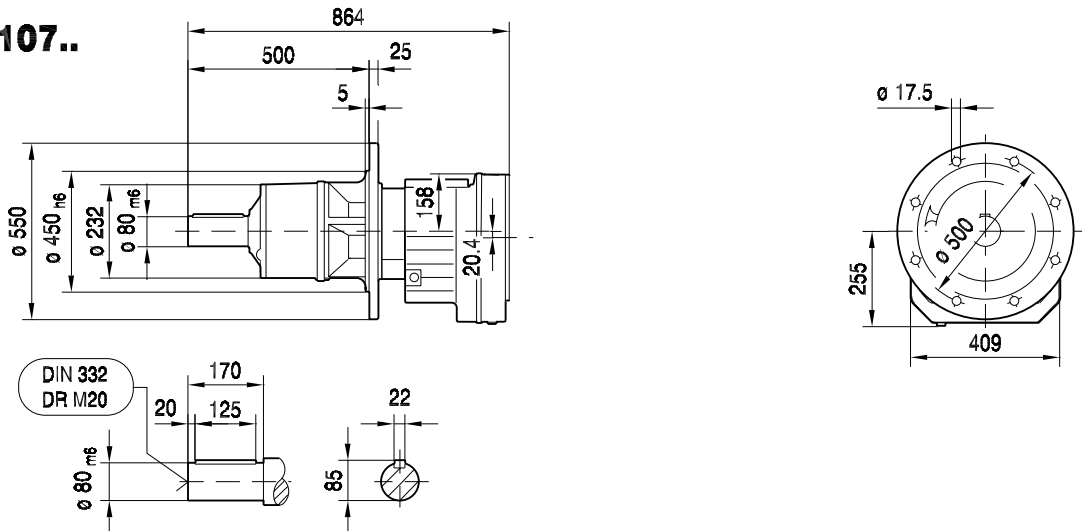
**ø 350**



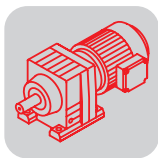
**ø 450**



**RM107..**

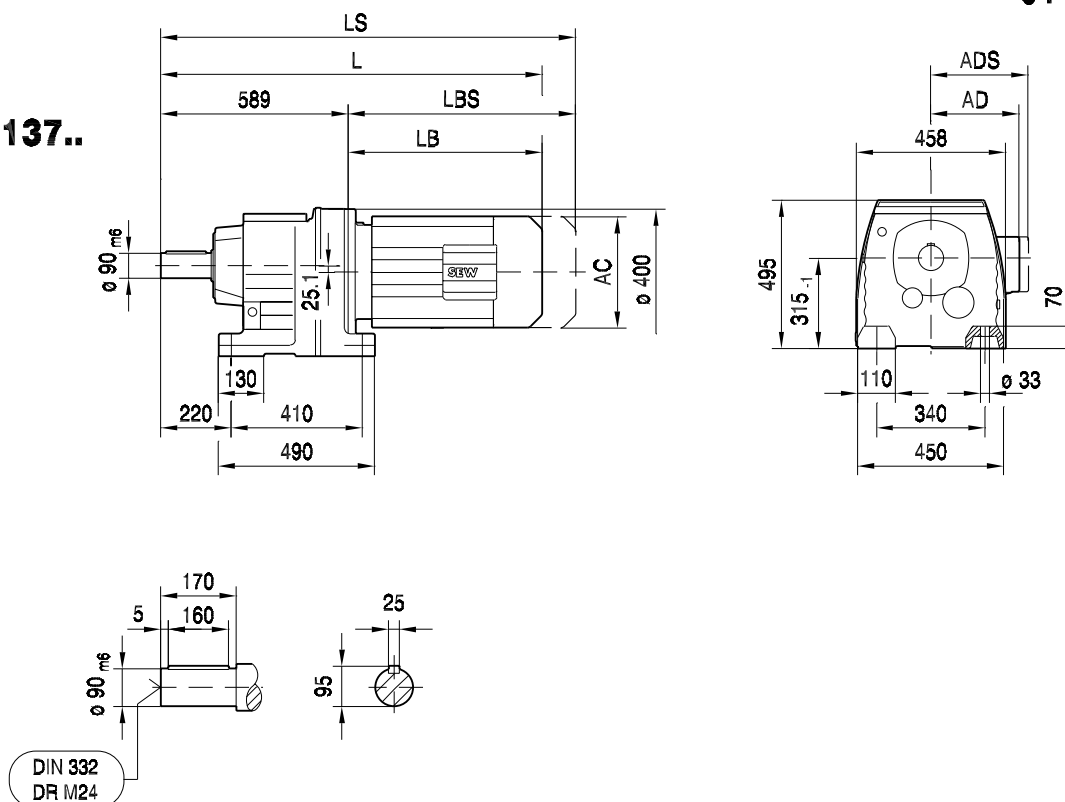


(→ 102)	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
ADS	166	166	182	182	230	230	230	258	258	285	289
L	790	820	824	869	891	951	951	998	1070	1118	1200
LS	875	905	904	949	1003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

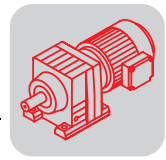


**R..DR/DT/DV**  
R.. [mm]

04 011 03 00

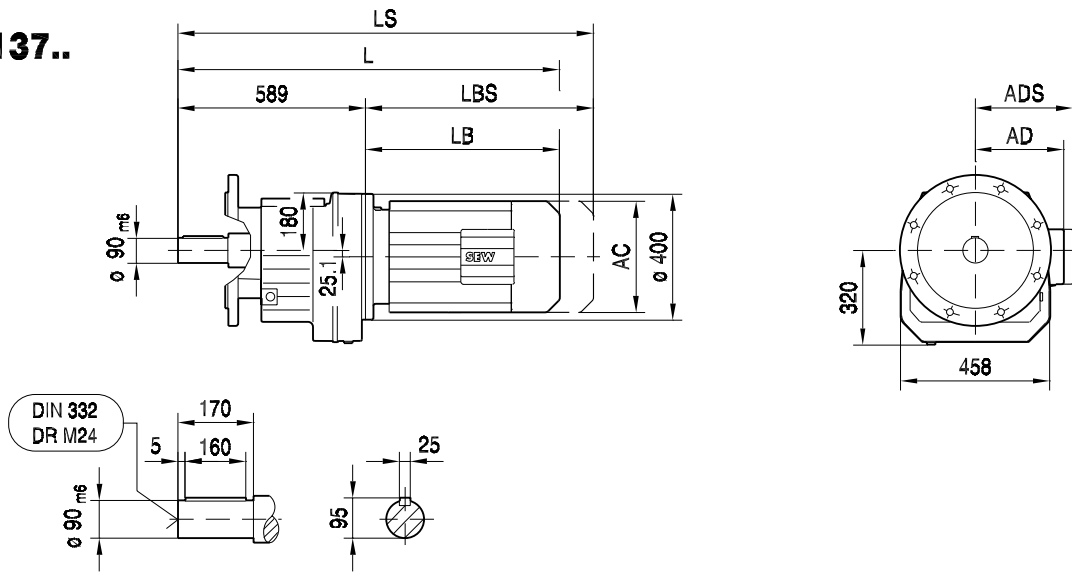
**R137..**

(→ 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	956	978	1038	1038	1085	1157	1205	1287	1378		
LS	1036	1090	1150	1150	1241	1313	1361	1443	1563		
LB	367	389	449	449	496	568	616	698	789		
LBS	447	501	561	561	652	724	772	854	974		

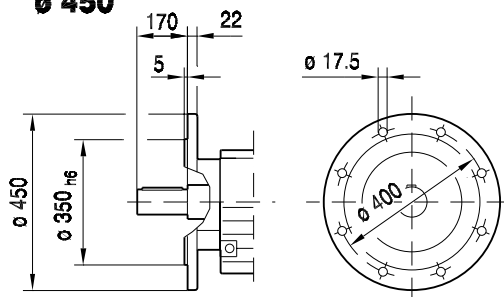


04 024 03 00

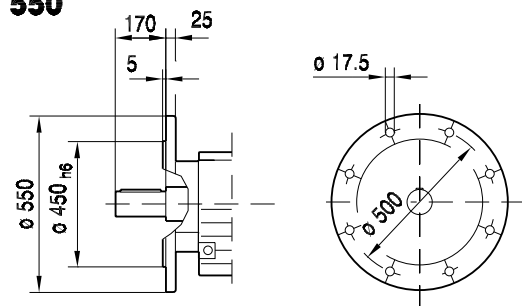
**RF137..**



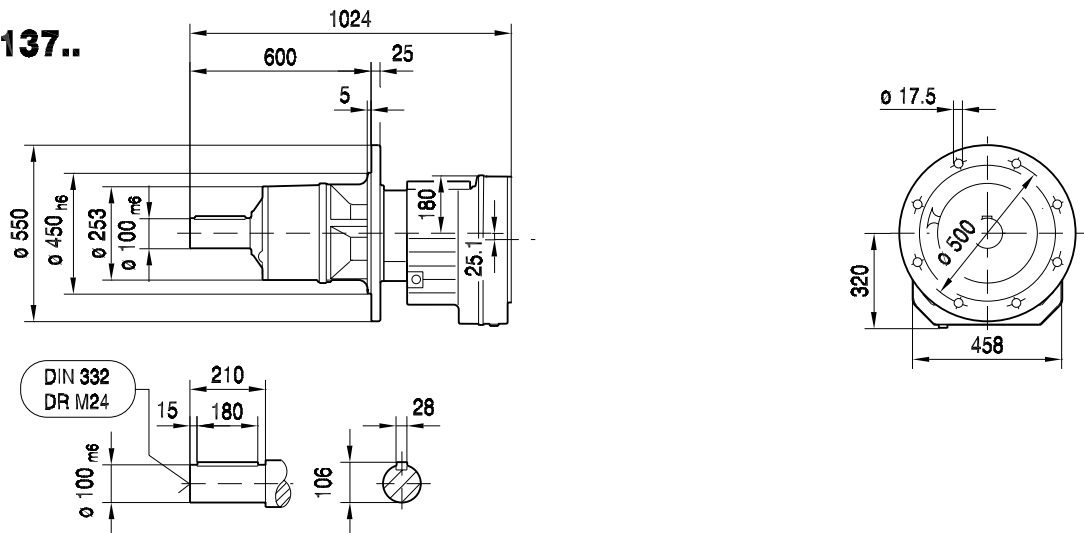
**ø 450**



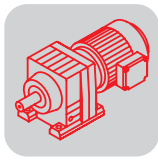
**ø 550**



**RM137..**

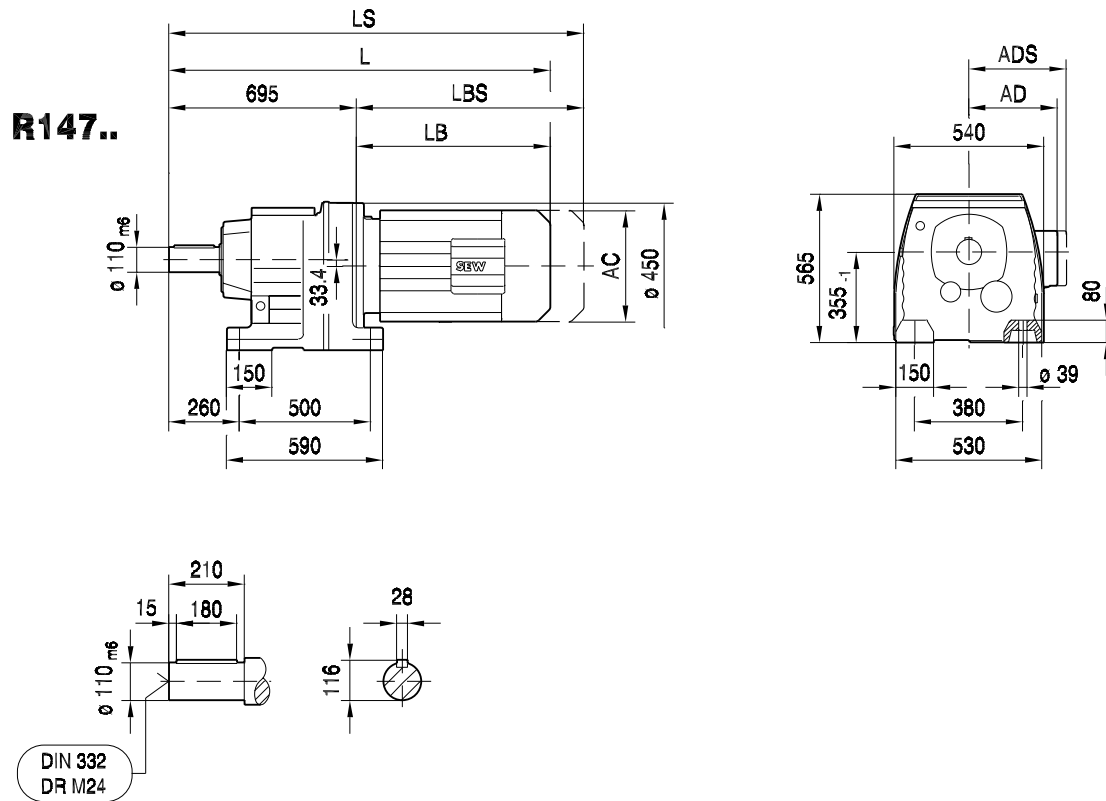


(→ 102)	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M		
AC	221	275	275	275	331	331	394	394	510		
AD	179	230	230	230	258	258	285	289	397		
ADS	182	230	230	230	258	258	285	289	397		
L	956	978	1038	1038	1085	1157	1205	1287	1378		
LS	1036	1090	1150	1150	1241	1313	1361	1443	1563		
LB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

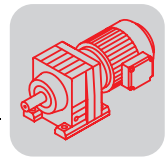


**R..DR/DT/DV**  
R.. [mm]

04 012 03 00

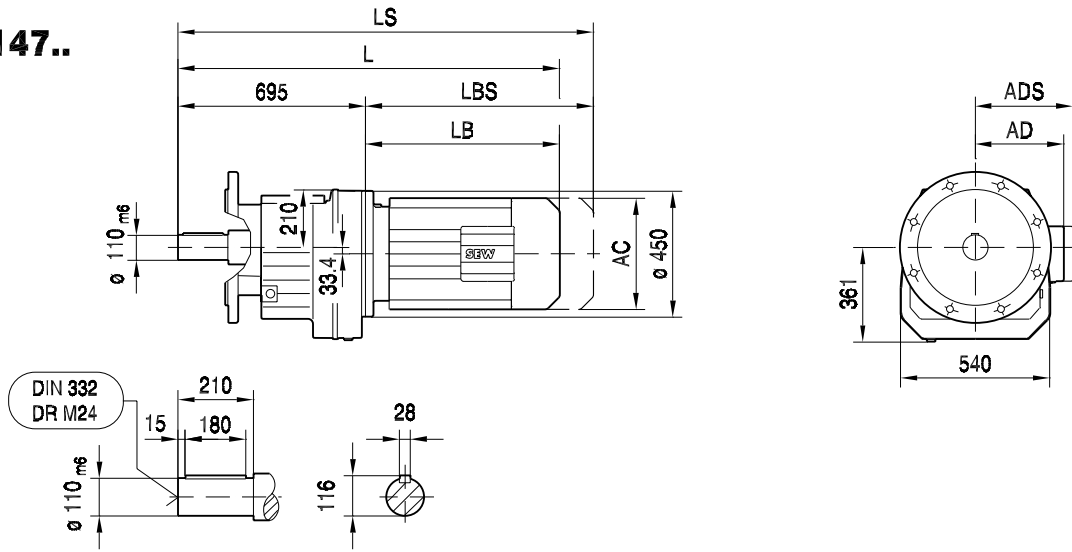


(→ 102)	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M		
AC	275	275	331	331	394	394	510	510	537		
AD	230	230	258	258	285	289	397	397	382		
ADS	230	230	258	258	285	289	397	397	382		
L	1136	1136	1183	1255	1303	1385	1475	1475	1601		
LS	1248	1248	1339	1411	1459	1541	1660	1660	1812		
LB	441	441	488	560	608	690	780	780	906		
LBS	553	553	644	716	764	846	965	965	1117		

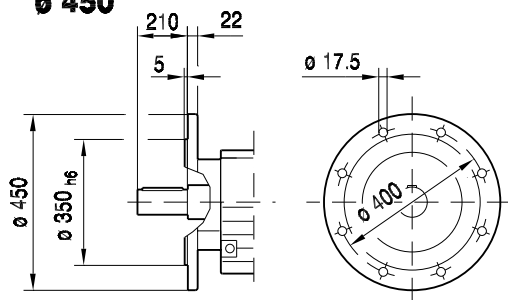


04 025 03 00

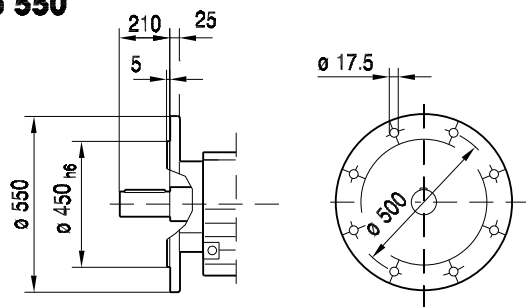
**RF147..**



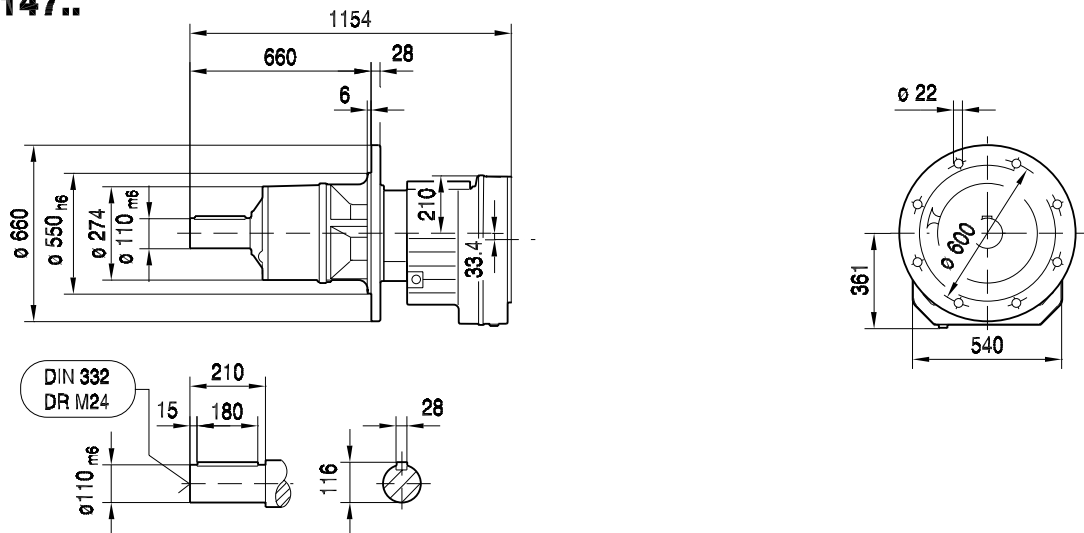
**ø 450**



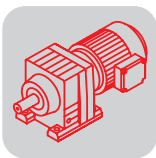
**ø 550**



**RM147..**

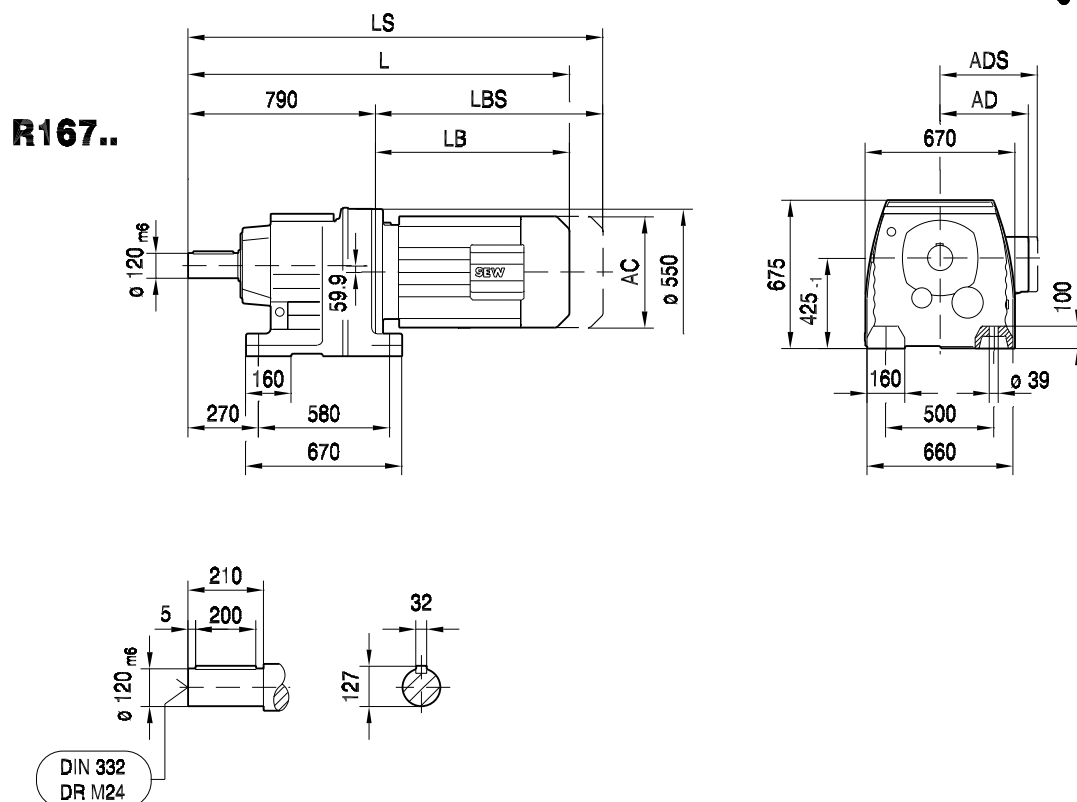


(→ 102)	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M		
AC	275	275	331	331	394	394	510	510	537		
AD	230	230	258	258	285	289	397	397	382		
ADS	230	230	258	258	285	289	397	397	382		
L	1136	1136	1183	1255	1303	1385	1475	1475	1601		
LS	1248	1248	1339	1411	1459	1541	1660	1660	1812		
LB	441	441	488	560	608	690	780	780	906		
LBS	553	553	644	716	764	846	965	965	1117		



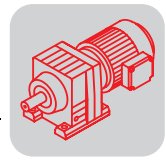
**R..DR/DT/DV**  
R.. [mm]

04 013 03 00



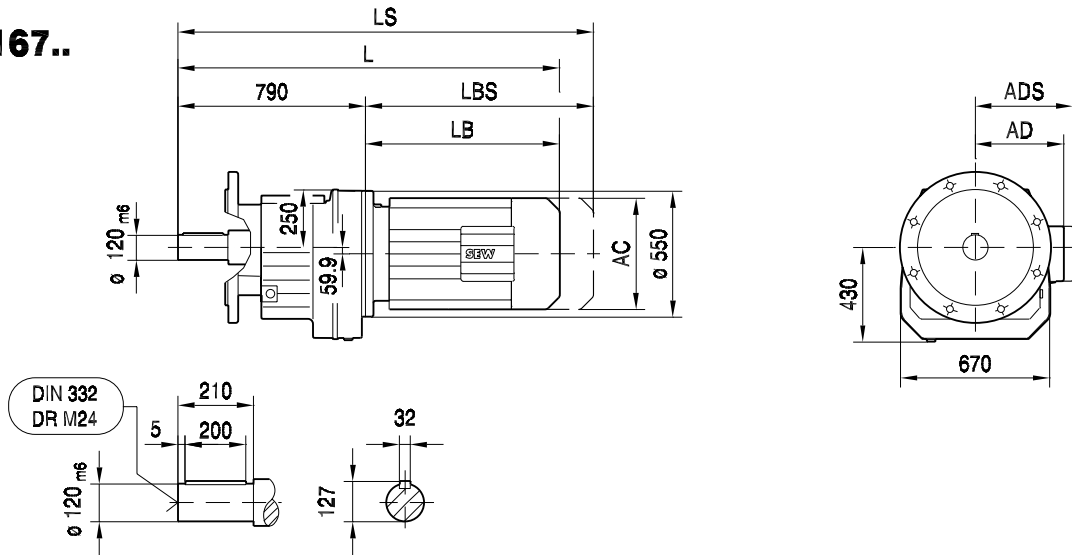
(→ 102)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M	D315S	D315M
AC	275	331	331	394	394	510	510	537	612	612
AD	230	258	258	285	289	397	397	382	430	430
ADS	230	258	258	285	289	397	397	382	430	430
L	1223	1270	1342	1390	1472	1561	1561	1714	1765	1816
LS	1335	1426	1498	1546	1628	1746	1746	1925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



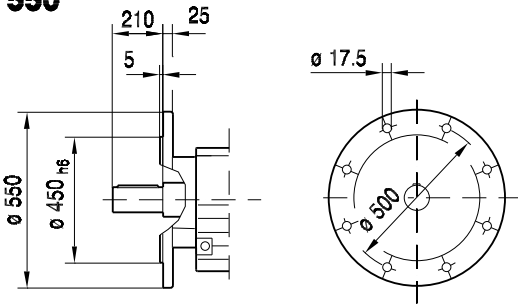


04 026 03 00

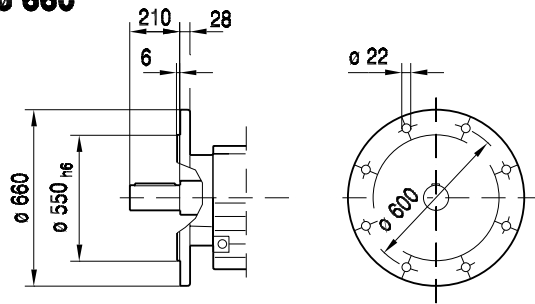
**RF167..**



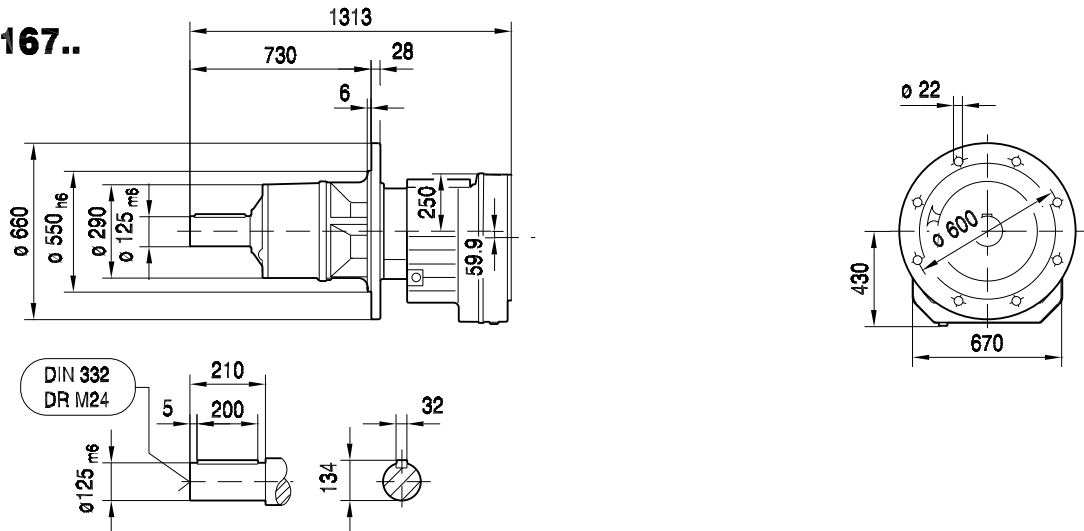
**ø 550**



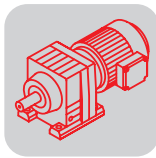
**ø 660**



**RM167..**

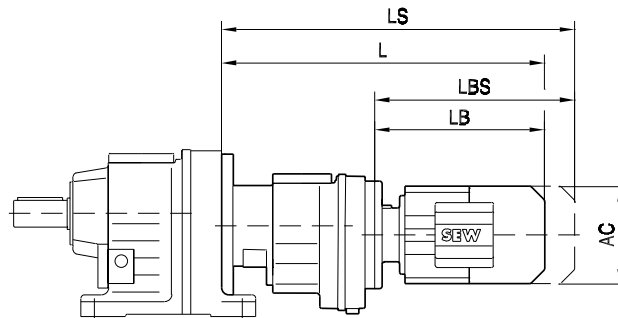


(→ 102)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280S	D280M	D315S	D315M
AC	275	331	331	394	394	510	510	537	612	612
AD	230	258	258	285	289	397	397	382	430	430
ADS	230	258	258	285	289	397	397	382	430	430
L	1223	1270	1342	1390	1472	1561	1561	1714	1765	1816
LS	1335	1426	1498	1546	1628	1746	1746	1925	1993	2044
LB	433	480	552	600	682	771	771	924	975	1026
LBS	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
R..97R57	DR63..	132	396	451	185	240
	DT71D	145	410	474	199	263
	DT80..	145	460	524	249	313
R..107R77	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
R..137R77	DT90..	197	508	593	261	346
	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
R..147R77	DT80..	145	483	547	243	307
	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
R..147R87	DV160M	275	704	816	472	584
	DT90..	197	537	622	257	342
	DV100M	197	587	672	307	392
	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
R..167R97	DV180..	331	866	1022	586	742
	DT80..	145	556	620	231	295
	DT90..	197	576	661	251	336
	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
R..167R107	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
	DV132M	275	778	890	396	508
	DV132ML	275	838	950	456	568
	DV160M	275	838	950	456	568
	DV160L	331	885	1041	503	659
R..167R177	DV180..	331	957	1113	575	731
	DV200..	394	1005	1161	623	779
	DV225..	394	1087	1243	705	861