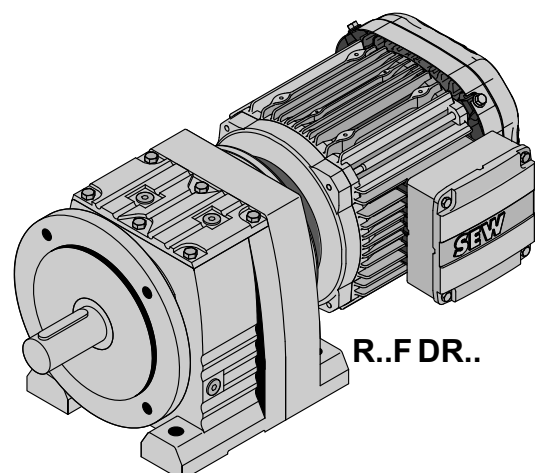
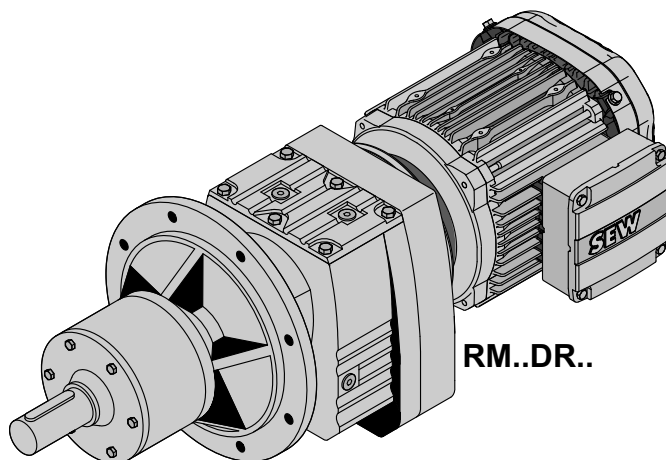
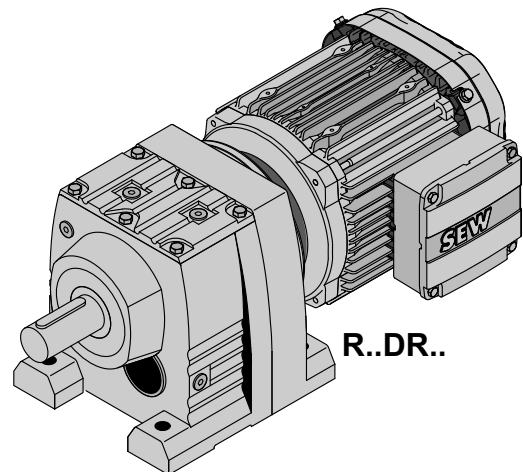
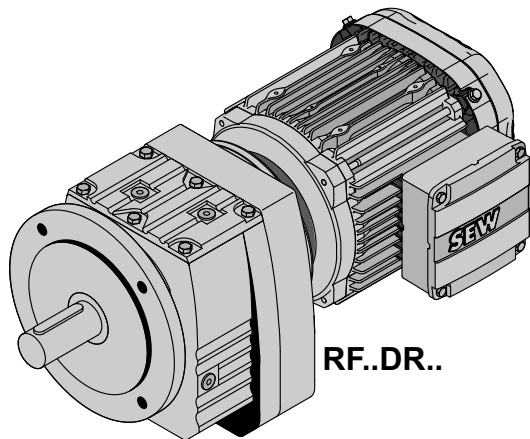


kVA	n
	f
i	
P	Hz

R..DRE/DRS
R, RF, R..F, RM, RX, RXF, RZ..DR..

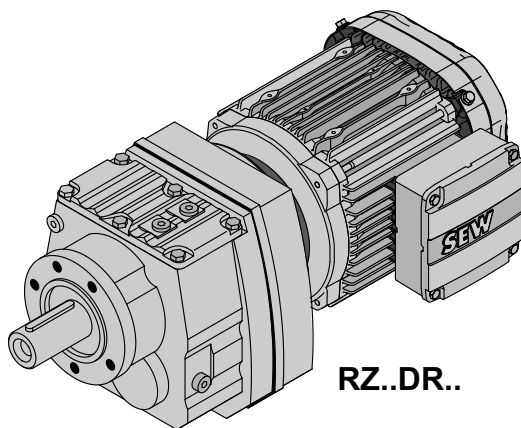
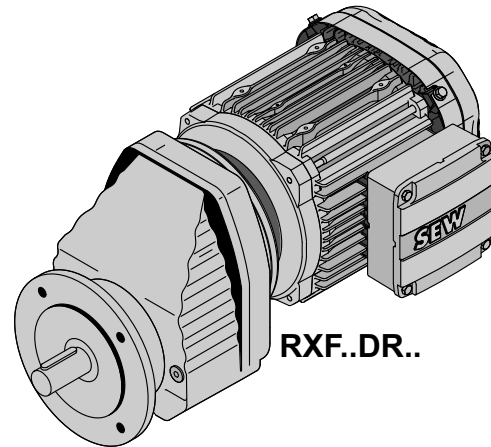
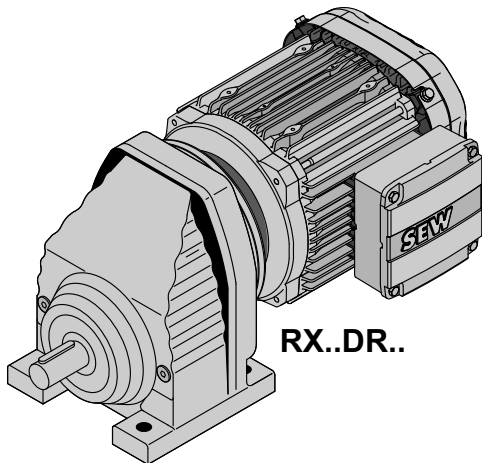
8 R..DRE/DRS

8.1 R, RF, R..F, RM, RX, RXF, RZ..DR..

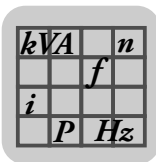


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kVA	n
i	f
P	Hz



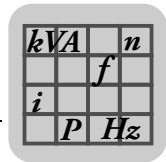
8962221323


8.2 R.. → DRE/DRS

RX57, n_e=1400 1/min						69 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	Φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
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	880	-	1.92*						
848	69	430	-	1.65						
946	68	112	-	1.48						
1075	63	132	-	1.30						

RX67, n_e=1400 1/min						134 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	Φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
231	43	4000	-	6.07						
270	75	3580	-	5.18						
309	82	3350	-	4.53						
326	80	3300	-	4.30*						
371	87	3090	-	3.77						
438	100	2800	-	3.20*						
484	106	2640	-	2.89						
551	118	2000	-	2.54						
583	123	1530	-	2.40*						
686	134	230	-	2.04						
753	126	225	-	1.86						
870	114	245	-	1.61						
1000	104	205	-	1.40*						

RX77, n_e=1400 1/min						215 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	Φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
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	4890	-	4.73							
347	143	4490	-	4.04*							
378	153	4280	-	3.70							
431	182	3140	-	3.25*							
455	193	2490	-	3.08*							
519	215	1030	-	2.70							
576	215	425	-	2.43							
657	200	360	-	2.13							
745	187	255	-	1.88*							

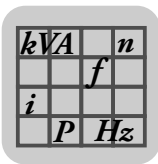


RX77, $n_e=1400$ 1/min						215 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
838	173	240	-	1.67							
986	155	240	-	1.42							

RX87, $n_e=1400$ 1/min						405 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC
162	139	7890	-	8.65								
183	149	7500	-	7.63								
194	140	7380	-	7.20*								
217	192	6860	-	6.45								
252	225	6330	-	5.56*								
276	250	5990	-	5.07								
311	290	5520	-	4.50*								
370	305	5050	-	3.78								
402	405	2810	-	3.48								
453	405	2030	-	3.09								
507	405	1200	-	2.76*								
565	405	470	-	2.48								
651	385	42	-	2.15								
725	355	185	-	1.93								
875	315	74	-	1.60*								
1005	290	74	-	1.39								



RX97, $n_e=1400$ 1/min						595 Nm							
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M
170	225	9570	-	8.23									
196	260	8960	-	7.16*									
213	300	8510	-	6.56									
242	420	7650	-	5.79									
285	395	7240	-	4.91									
310	595	6210	-	4.52									
347	595	5450	-	4.04									
385	595	4610	-	3.64*									
424	595	3820	-	3.30									
479	595	2890	-	2.92									
530	595	2020	-	2.64									
625	595	545	-	2.24*									
714	570	19	-	1.96									
854	505	51	-	1.64									
986	455	132	-	1.42									

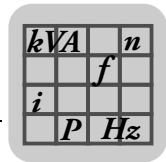
RX107, $n_e=1400$ 1/min						830 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	
211	460	9660	-	6.63*							
250	455	9040	-	5.61							
270	695	7780	-	5.19							
301	695	7380	-	4.65							
333	830	6140	-	4.20*							
367	830	5260	-	3.81							



R..DRE/DRS
R.. → DRE/DRS

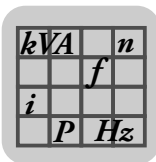
RX107, $n_e=1400$ 1/min						830 Nm				
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M
414	830	4190	-	3.38						
456	830	3300	-	3.07						
530	830	1850	-	2.64*						
609	830	760	-	2.30						
718	765	420	-	1.95						
819	705	345	-	1.71						
972	645	315	-	1.44						

R07, $n_e=1400$ 1/min						50 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DT56M DT56L DR63S DR63M DR63L DRS71S DRS71M						
 3											
18	50	1510	-	78.24							
20	50	1510	-	71.47							
23	50	1510	-	60.32							
27	50	1510	-	51.52							
29	50	1470	-	47.78							
32	50	1420	-	44.16							
34	50	1380	-	41.31							
35	50	1370	-	40.34							
36	50	1340	-	38.51							
41	50	1270	-	34.05							
48	50	1190	-	29.08							
52	50	1150	-	26.97							
60	50	1080	-	23.32							
64	50	1040	-	21.73							
 2											
76	50	960	-	18.31							
84	50	920	-	16.73							
99	50	850	-	14.12							
116	50	790	-	12.06							
125	50	760	-	11.18							
145	50	710	-	9.67							
155	50	685	-	9.01							
178	49	645	-	7.85							
187	43	595	-	7.48							
205	43	535	-	6.83							
243	40	530	-	5.76							
285	37	530	-	4.92							
306	36	520	-	4.57							
354	34	505	-	3.95							
380	33	500	-	3.68							
436	31	495	-	3.21							



R17, $n_e=1400$ 1/min					85 Nm	
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M
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	1680	-	25.23		
60	85	1620	-	23.15		
71	85	1500	-	19.71		
82	85	1400	-	16.99		
88	85	1350	-	15.84		
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	820	-	3.83		

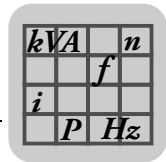
R27, $n_e=1400$ 1/min					130 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
3								
10	130	4230	-	135.09				
11	130	4230	-	123.91				
13	130	4230	-	105.49				
15	130	4230	-	90.96				
17	130	4230	-	84.78				
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				



R..DRE/DRS
R.. → DRE/DRS

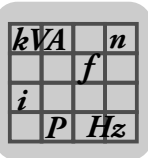
R27, $n_e=1400$ 1/min					130 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
57	130	2760	-	24.47				
2								
49	130	2940	-	28.37				
54	130	2840	-	26.09				
63	130	2660	-	22.32				
72	130	2510	-	19.35				
77	130	2440	-	18.08				
90	130	2290	-	15.63				
105	130	2140	-	13.28*				
118	129	1980	-	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	900	-	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	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M		
3 3								
0.16	130	4230	-	8612				
0.19	130	3320	-	7425				
0.20	130	4230	-	6921				
0.23	130	4230	-	6050				
0.27	130	3320	-	5217				
0.30	130	4230	-	4661				
0.34	130	3320	-	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	3320	-	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				



R27R17, n _e =1400 1/min					130 Nm	
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M
2.8	130	4230	-	499		
3 2						
1.3	130	4230	-	1101		
1.5	130	4230	-	962		
1.7	130	3320	-	848		
1.9	130	3320	-	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	3320	-	339		
4.7	130	3320	-	296		
5.4	130	4230	-	259		
6.1	130	4230	-	229		
7.0	130	4230	-	200		
7.9	130	3320	-	177		
8.4	130	4230	-	166		
9.3	130	4230	-	150		
9.9	130	4230	-	141		
11	130	3320	-	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		
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		

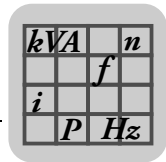
R37, n _e =1400 1/min					200 Nm			
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
3								
10	200	4940	7.9	134.82				
11	200	4940	8	123.66				
13	200	4940	8	105.28				
15	200	4940	8	90.77				
17	200	4940	8	84.61				
19	200	4940	8	73.96				
20	200	4940	8	69.33				
23	200	4940	8.1	61.18				
25	200	4940	8.7	55.76				
29	200	4940	8.7	48.08				



R..DRE/DRS
R.. → DRE/DRS

R37, $n_e=1400$ 1/min					200 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
31	200	4940	8.8	44.81				
36	200	4760	8.8	39.17				
38	200	4540	8.9	36.72				
43	200	4120	8.9	32.40				
49	200	3740	9	28.73				
57	200	3240	9	24.42				
2								
49	200	3690	7.3	28.32				
54	185	3860	7.4	26.03				
63	200	2970	7.4	22.27				
73	200	2570	7.5	19.31				
78	200	2390	7.5	18.05				
90	200	2010	7.7	15.60				
106	190	1880	7.9	13.25				
118	183	1810	8	11.83				
138	170	1820	8.1	10.11				
148	167	1760	8.2	9.47				
176	156	1720	8.4	7.97				
210	144	1000	12.1	6.67				
247	142	760	12.4	5.67				
277	135	790	12.7	5.06				
324	126	820	13	4.32				
346	122	840	13.2	4.05				
411	112	900	13.7	3.41				

R37R17, $n_e=1400$ 1/min					200 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M		
3 3								
0.16	200	4940	-	8595				
0.19	200	4940	-	7411				
0.20	200	4940	-	6907				
0.23	200	4940	-	6038				
0.27	200	4940	-	5206				
0.30	200	4940	-	4651				
0.34	200	4940	-	4065				
0.38	200	4940	-	3658				
0.44	200	4940	-	3154				
0.51	200	4940	-	2757				
0.58	200	4940	-	2409				
0.66	200	4940	-	2106				
0.75	200	4940	-	1856				
0.86	200	4940	-	1622				
0.98	200	4940	-	1431				
1.1	200	4940	-	1251				
2 3								
0.77	200	4940	-	1818				
0.89	200	4940	-	1576				
1.0	200	4940	-	1359				
1.1	200	4940	-	1267				
1.3	200	4940	-	1098				
1.4	200	4940	-	970				



R37R17, $n_e=1400$ 1/min					200 Nm	
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M
1.7	200	4940	-	839		
1.9	200	4940	-	740		
2.1	200	4940	-	653		
2.4	200	4940	-	577		
2.8	200	4940	-	498		

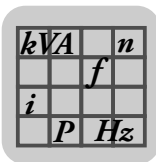


1.3	200	4940	-	1099		
1.5	200	4940	-	960		
1.7	200	4940	-	847		
1.9	200	4940	-	741		
2.2	200	4940	-	647		
2.5	200	4940	-	566		
2.8	200	4940	-	508		
3.2	200	4940	-	431		
3.6	200	4940	-	387		
4.1	200	4940	-	338		
4.7	200	4940	-	296		
5.4	200	4940	-	259		
6.1	200	4940	-	228		
7.0	200	4940	-	199		
8.1	200	4940	-	172		
9.3	200	4940	-	150		
11	200	4940	-	130		
11	200	4940	-	124		
13	200	4940	-	110		
15	200	4940	-	94		



3.2	200	4940	-	439		
3.7	200	4940	-	378		
4.3	200	4940	-	328		
4.8	200	4940	-	289		
5.3	200	4940	-	265		
6.2	200	4940	-	226		
6.9	200	4940	-	202		
7.8	200	4940	-	179		
9.0	200	4940	-	156		
10	200	4940	-	135		
11	200	4940	-	127		
13	200	4940	-	104		
16	200	4940	-	90		

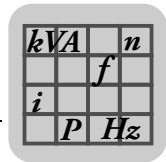
R47, $n_e=1400$ 1/min					300 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
7.9	300	5420	6.9	176.88						
8.6	300	5420	6.9	162.94						
10	300	5420	6.9	139.99						
11	300	5420	6.9	121.87						
12	300	5420	6.9	114.17						
14	300	5420	7	100.86						
15	300	5420	7	93.68						



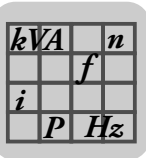
R..DRE/DRS
R.. → DRE/DRS

R47, $n_e=1400$ 1/min					300 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
16	300	5420	7	84.90						
18	300	5420	7	76.23						
20	300	5420	7.6	68.54						
22	300	5420	7.6	64.21						
25	300	5420	7.6	56.73						
27	300	5350	7.6	52.69						
29	300	5140	7.7	47.75						
33	300	4930	7.7	42.87						
38	300	4630	7.7	36.93						
40	300	4520	7.7	34.73						
47	300	4240	7.8	29.88						
52	300	4050	7.9	26.70						
59	300	3840	8	23.59						
2										
41	240	4680	6.5	33.79						
45	220	4610	6.5	31.12						
52	300	4050	6.6	26.74						
60	300	3820	6.6	23.28						
64	300	3710	6.7	21.81						
73	295	3530	6.8	19.27						
78	290	3390	6.8	17.89						
86	275	3350	6.9	16.22						
96	265	3230	7	14.56						
112	250	3080	7.1	12.54						
119	245	3020	7.1	11.79						
138	230	2880	7.3	10.15						
154	220	2780	7.7	9.07						
175	205	2690	7.8	8.01						
180	163	2720	9.5	7.76*						
201	159	2620	9.7	6.96						
233	156	2470	9.9	6.00						
248	155	2410	10	5.64*						
289	150	2280	10.3	4.85						
323	146	2190	11.1	4.34						
366	144	2080	11.4	3.83						

R47R37, $n_e=1400$ 1/min					300 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC		
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						



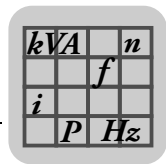
R47R37, n _e =1400 1/min					300 Nm			
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
0.43	300	5420	-	3268				
0.48	300	5420	-	2898				
0.57	300	5420	-	2463				
2 3								
0.54	300	5420	-	2598				
0.59	300	5420	-	2383				
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				
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				



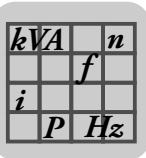
R..DRE/DRS
R.. → DRE/DRS

R57, $n_e=1400$ 1/min						450 Nm				
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
3										
7.5	450	7100	6.9	186.89						
8.1	450	7100	6.9	172.17						
9.5	450	7100	6.9	147.92						
11	450	7100	6.9	128.77						
12	450	7100	6.9	120.63						
13	450	7100	7	106.58						
14	450	7100	7	98.99						
16	450	7100	7	89.71						
17	450	7100	7	80.55						
20	450	7100	7.5	69.23						
22	450	6980	7.5	64.85						
24	450	6630	7.6	57.29						
26	450	6430	7.6	53.22						
29	450	6170	7.6	48.23						
32	450	5900	7.6	43.30						
38	450	5530	7.6	37.30*						
40	450	5390	7.7	35.07						
46	450	5040	7.7	30.18						
52	450	4800	7.8	26.97						
2										
53	450	4750	6.4	26.31						
56	450	4640	6.5	24.99*						
64	450	4370	6.6	21.93						
75	450	4050	6.7	18.60*						
83	450	3860	6.7	16.79						
95	435	3690	6.8	14.77*						
100	430	3610	6.8	13.95*						
118	405	3430	6.9	11.88						
130	390	3330	7.2	10.79						
150	370	3180	7.4	9.35						
155	375	2010	8.7	9.06						
176	355	2020	8.8	7.97						
186	350	1950	8.8	7.53						
218	335	1770	9	6.41						
241	320	1820	9.6	5.82						
277	305	1730	9.9	5.05						
319	280	1900	10.1	4.39						

R57R37, $n_e=1400$ 1/min						450 Nm				
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC		
3 3										
0.10	450	7100	-	14369						
0.12	450	7100	-	12095						
0.13	450	7100	-	10860						
0.15	450	7100	-	9445						
0.17	450	7100	-	8480						
0.19	450	7100	-	7312						
0.21	450	7100	-	6521						
0.25	450	7100	-	5585						
0.28	450	7100	-	4928						



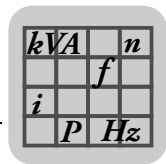
R57R37, n _e =1400 1/min					450 Nm			
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
0.32	450	7100	-	4378				
0.36	450	7100	-	3873				
0.42	450	7100	-	3344				
0.48	450	7100	-	2907				
0.55	450	7100	-	2567				
0.62	450	7100	-	2244				
0.71	450	7100	-	1967				
2								
0.47	450	7100	-	2957				
0.56	450	7100	-	2508				
0.61	450	7100	-	2309				
0.70	450	7100	-	1991				
0.79	450	7100	-	1768				
0.92	450	7100	-	1520				
1.0	450	7100	-	1342*				
1.2	450	7100	-	1164				
1.4	450	7100	-	1027				
1.6	450	7100	-	894				
1.7	450	7100	-	805				
2.0	450	7100	-	683				
2.3	450	7100	-	603				
2.6	450	7100	-	534				
3.1	450	7100	-	454				
3.4	450	7100	-	410				
3								
0.81	450	7100	-	1732				
0.90	450	7100	-	1555				
1.0	450	7100	-	1399				
1.2	450	7100	-	1189				
1.4	450	7100	-	1034				
1.8	450	7100	-	782				
2.1	450	7100	-	678				
2.3	450	7100	-	604				
2.6	450	7100	-	537				
3.0	450	7100	-	471				
3.9	450	7100	-	357				
4.4	450	7100	-	319				
5.1	450	7100	-	273				
5.8	450	7100	-	241				
6.5	450	7100	-	215				
7.5	450	7100	-	187				
8.5	450	7100	-	164				
9.9	450	7100	-	142				
2								
3.9	450	7100	-	359				
4.3	450	7100	-	324				
4.8	450	7100	-	290				
5.3	450	7100	-	262				
5.7	450	7100	-	246*				
6.4	450	7100	-	220*				
7.4	450	7100	-	188				
8.8	450	7100	-	159				
9.6	450	7100	-	146				
10	450	7100	-	134				



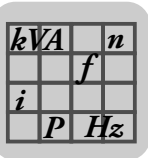
R..DRE/DRS
R.. → DRE/DRS

R67, $n_e=1400$ 1/min					600 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
3										
7.0	600	7560	6.4	199.81						
7.6	600	7560	6.4	184.07						
8.9	600	7560	6.4	158.14						
10	600	7560	6.4	137.67						
11	600	7560	6.4	128.97						
12	600	7560	6.5	113.94						
13	600	7560	6.5	105.83						
15	600	7560	6.5	95.91						
16	600	7560	6.5	86.11						
19	600	7560	6.5	74.17						
20	600	7560	6.5	69.75						
23	600	7560	7	61.26						
25	600	7560	7	56.89						
27	600	7560	7.1	51.56						
30	600	7560	7.1	46.29						
35	580	7790	7.1	39.88*						
37	570	7900	7.1	37.50						
43	540	8210	7.2	32.27						
49	520	8400	7.3	28.83						
2										
50	540	8210	6	28.13						
52	540	8210	6	26.72						
60	560	8010	6.1	23.44						
70	600	7560	6.2	19.89						
78	590	7330	6.2	17.95						
89	560	7130	6.3	15.79						
94	550	6980	6.3	14.91						
110	520	6640	6.4	12.70						
121	500	6500	6.7	11.54						
140	470	6220	6.8	10.00						
161	440	5960	7	8.70*						
180	380	5830	8.3	7.79						
190	370	5790	8.3	7.36*						
223	330	5590	8.5	6.27						
246	310	5450	9.1	5.70						
284	290	5210	9.4	4.93						
326	270	5000	9.7	4.29						

R67R37, $n_e=1400$ 1/min					600 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC		
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						



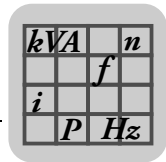
R67R37, n _e =1400 1/min					600 Nm			
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
0.30	600	7560	-	4680				
0.34	600	7560	-	4136				
0.39	600	7560	-	3566				
0.45	600	7560	-	3125				
0.51	600	7560	-	2745				
0.58	600	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				
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				



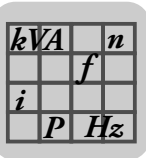
R..DRE/DRS
R.. → DRE/DRS

R77, $n_e=1400$ 1/min						820 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
3											
7.2	820	9920	6.4	195.24*							
8.4	820	9920	6.5	166.59							
9.6	820	9920	6.4	145.67							
10	820	9920	6.4	138.39							
12	820	9920	6.5	121.42							
14	820	9920	6.5	102.99							
15	820	9920	6.5	92.97							
17	820	9920	6.5	81.80							
18	820	9920	6.5	77.24							
21	820	9920	6.5	65.77							
24	820	9920	7.1	57.68							
27	820	9920	7.1	52.07							
31	820	9920	7.1	45.81							
32	820	9920	7.1	43.26							
38	820	9920	7.1	36.83							
42	820	9920	7.2	33.47							
48	820	9920	7.3	29.00							
55	780	10100	7.3	25.23							
2											
60	820	8870	6.1	23.37							
65	820	8250	6.1	21.43							
74	780	7980	6.1	18.80							
79	780	7620	6.2	17.82*							
90	740	7390	6.2	15.60							
100	720	7050	6.5	14.05							
114	690	6740	6.4	12.33							
129	660	6490	6.5	10.88							
145	630	6300	6.7	9.64							
163	630	4110	7.5	8.59							
181	610	3940	7.9	7.74							
206	580	3850	7.8	6.79							
234	540	3990	8	5.99*							
264	510	3990	8.4	5.31*							

R77R37, $n_e=1400$ 1/min						820 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC			
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							
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							



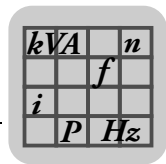
R77R37, n _e =1400 1/min					820 Nm			
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC
0.40	820	9920	-	3488				
0.46	820	9920	-	3053				
0.52	820	9920	-	2671				
2 3								
0.44	820	9920	-	3151				
0.48	820	9920	-	2890				
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				
6.3	820	9920	-	221				
7.5	820	9920	-	186				



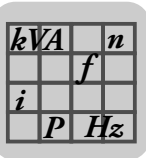
R..DRE/DRS
R.. → DRE/DRS

R87, $n_e=1400$ 1/min						1550 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC
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	6.4	72.57								
22	1550	15800	6.4	63.68*								
23	1550	15200	6.4	60.35*								
27	1550	13500	6.5	52.82								
29	1550	12300	6.5	47.58								
34	1550	10800	6.5	41.74								
38	1550	9470	6.5	36.84*								
43	1550	8220	6.6	32.66*								
50	1500	7370	6.6	27.88								
2												
41	1500	9480	5.5	34.40*								
45	1550	7820	5.5	31.40								
50	1550	6640	5.5	27.84*								
60	1550	5000	5.5	23.40								
65	1500	4970	5.7	21.51								
73	1440	4800	5.7	19.10								
82	1390	4580	5.8	17.08*								
91	1340	4450	5.9	15.35								
105	1280	4220	6	13.33								
117	1230	4120	6	11.93								
141	1180	3520	6.1	9.90*								
153	1210	99	6.3	9.14*								
170	1160	225	6.6	8.22								
196	1070	820	6.7	7.13								
219	1020	970	6.8	6.39								
264	910	1710	7	5.30*								

R87R57, $n_e=1400$ 1/min						1550 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	
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							
0.20	1550	16900	-	7038							
0.23	1550	16900	-	6174							
0.26	1550	16900	-	5449							



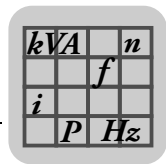
R87R57, n _e =1400 1/min					1550 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
0.29	1550	16900	-	4831						
0.33	1550	16900	-	4206						
0.37	1550	16900	-	3744						
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						
5.5	1550	16900	-	256						



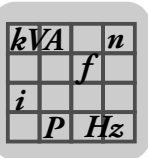
R..DRE/DRS
R.. → DRE/DRS

R87R57, $n_e=1400$ 1/min										1550 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
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	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	
3														
4.8	3000	19800	5.7	289.74										
5.5	3000	19800	5.7	255.71										
5.8	3000	19800	5.7	241.25										
6.5	3000	19800	5.7	216.28										
7.5	3000	19800	5.7	186.30										
8.2	3000	19800	5.7	170.02										
9.3	3000	19800	5.7	150.78										
11	3000	19800	5.7	126.75										
12	3000	19800	5.7	116.48										
14	3000	19800	5.7	103.44										
15	3000	19800	5.7	92.48										
17	3000	19800	5.8	83.15										
19	3000	18000	5.8	72.17										
21	3000	16300	6.1	65.21										
23	3000	14800	6.2	59.92										
26	3000	12900	6.2	53.21										
29	3000	11100	6.2	47.58										
33	3000	9480	6.2	42.78										
38	3000	7410	6.3	37.13										
42	2890	7160	6.3	33.25										
51	2670	7260	6.3	27.58										
2														
44	2560	10600	5.3	32.05										
51	2560	8380	5.3	27.19										
56	2830	4140	5.4	25.03										
63	2720	4060	5.5	22.37										
70	2610	4110	5.5	20.14										
77	2500	4270	5.6	18.24										
87	2400	4130	5.6	16.17										
96	2300	4240	5.6	14.62										
113	2190	3850	5.7	12.39										
129	2090	3720	5.8	10.83										
151	2030	-	5.6	9.29										
167	2030	-	5.7	8.39										
197	2000	-	5.8	7.12										
225	1890	-	5.9	6.21										
269	1780	-	6.1	5.20										
311	1630	-	6.2	4.50*										



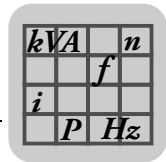
R97R57, n _e =1400 1/min					3000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
3 3										
0.06	3000	19800	-	21769						
0.07	3000	19800	-	19332						
0.08	3000	19800	-	17230						
0.09	3000	19800	-	14999						
0.11	3000	19800	-	13320						
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						



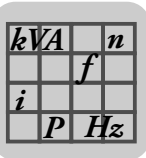
R..DRE/DRS
R.. → DRE/DRS

R97R57, $n_e=1400$ 1/min						3000 Nm				
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S
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						
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	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M
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	7.1	78.57						
19	4300	29500	7.3	72.88						
21	4300	29200	7.3	65.60*						
24	4300	28000	7.4	59.41						
27	4300	26600	7.4	52.68						
29	4300	25500	7.4	47.63						
35	4300	23800	7.4	40.37*						
40	4300	22400	7.4	35.26						
47	4300	20700	7.5	29.49						
2										
45	4300	21100	6.7	30.77						
51	4300	20100	6.8	27.58						
56	4300	19200	6.8	24.90*						
62	4300	18300	6.9	22.62						
70	4300	17300	6.9	20.07						
77	4300	16600	6.8	18.21						
89	4300	15400	6.9	15.65						
102	4300	14400	6.9	13.66						
121	4300	13300	7	11.59						
138	4300	12400	7.1	10.13						
164	4300	11300	7.2	8.56						
178	2970	13800	8.8	7.86						
210	2970	12800	8.9	6.66						
241	2970	12100	9	5.82						
285	2900	11300	9.3	4.92						



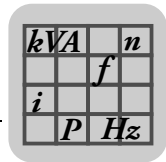
R107R77, n _e =1400 1/min					4300 Nm						
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
3 3											
0.07	4300	29500	-	20018							
0.08	4300	29500	-	17080							
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							
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							
1.00	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*							



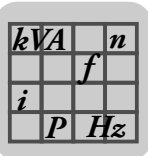
R..DRE/DRS
R.. → DRE/DRS

R107R77, $n_e=1400$ 1/min						4300 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
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	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	DRE250M DRE280S DRE280M		
3											
6.3	8000	53400	6	222.60*							
7.4	8000	53400	6	188.45							
8.0	8000	53400	6.1	174.40*							
9.0	8000	53400	6.1	156.31							
9.9	8000	53400	6.1	141.12*							
11	8000	53400	6.1	128.18							
12	8000	53400	6.1	113.72							
14	8000	53400	6.1	103.20*							
16	8000	53400	6.1	88.70*							
17	8000	53400	6.4	80.91*							
19	8000	53400	6.4	73.49							
21	8000	53400	6.4	65.20							
24	8000	53400	6.4	59.17*							
28	8000	53400	6.4	50.86*							
32	8000	53400	6.4	44.39							
37	8000	53400	6.4	37.65							
43	8000	53400	6.5	32.91							
50	7680	54100	6.5	27.83							
2											
47	7780	53900	5.7	29.57*							
58	8000	49400	5.8	24.12							
64	8000	47100	5.8	22.00*							
74	8000	43500	5.9	19.04*							
83	8000	40600	5.9	16.80*							
96	8000	37300	5.9	14.51							
109	8000	34700	6	12.83							
130	8000	31100	6.1	10.79							
161	7840	27600	6.1	8.71							
184	5110	39000	8	7.59							
219	5110	35900	8.2	6.38							
272	4600	34500	8.2	5.15							



R137R77, n _e =1400 1/min											8000 Nm
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
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*							
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*							

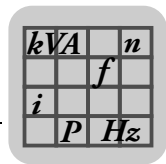


R..DRE/DRS
R.. → DRE/DRS

R137R77, $n_e=1400$ 1/min						8000 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
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	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	DRE250M DRE280S DRE280M			
3											
8.6	13000	62700	5.5	163.31							
9.5	13000	62700	5.5	146.91							
12	13000	62700	5.5	119.86							
13	13000	62700	5.5	109.31							
15	13000	62700	5.5	94.60*							
17	13000	62700	5.5	83.47							
19	13000	62700	5.5	72.09							
21	13000	62700	5.8	66.99							
23	13000	62700	5.8	61.09							
26	13000	62700	5.8	52.87							
30	13000	62700	5.8	46.65							
35	13000	62700	5.8	40.29							
39	13000	62700	5.9	35.64							
47	13000	62700	5.9	29.95							
58	11900	64700	5.9	24.19							
2											
68	12000	64600	5.2	20.44							
78	10500	67000	5.3	18.04							
90	13000	62700	5.3	15.64							
101	12600	63400	5.3	13.91							
117	13000	60400	5.4	11.99							
144	13000	54400	5.5	9.74							
169	13000	49900	5.6	8.26							
193	8670	58400	7.5	7.25							
238	8670	53200	7.6	5.89							
280	8670	49300	7.8	5.00							

R147R77, $n_e=1400$ 1/min						13000 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
3 3											
0.06	13000	62700	-	23401							
0.07	13000	62700	-	21342							
0.08	13000	62700	-	18210							
0.09	13000	62700	-	15923							



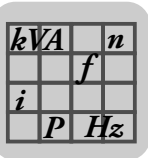
R147R77, $n_e=1400$ 1/min					13000 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63S DR63M DR63L DRS71S DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC
0.10	13000	62700	-	14075							
0.11	13000	62700	-	12344							
0.13	13000	62700	-	11143							
0.14	13000	62700	-	9743							
0.17	13000	62700	-	8443							
0.19	13000	62700	-	7307							
0.22	13000	62700	-	6447							
0.25	13000	62700	-	5568							
0.28	13000	62700	-	4926							
0.32	13000	62700	-	4325							
0.37	13000	62700	-	3754							
0.42	13000	62700	-	3302							
0.48	13000	62700	-	2898							



0.55	13000	62700	-	2555							
0.63	13000	62700	-	2211							
0.72	13000	62700	-	1951							
0.82	13000	62700	-	1705							
0.91	13000	62700	-	1536							
1.1	13000	62700	-	1329							
1.2	13000	62700	-	1166							
1.4	13000	62700	-	1029							
1.6	13000	62700	-	889							
1.8	13000	62700	-	784							
2.0	13000	62700	-	695							
2.3	13000	62700	-	619							
2.5	13000	62700	-	558							
2.9	13000	62700	-	489							
3.4	13000	62700	-	415							

R147R87, $n_e=1400$ 1/min					13000 Nm							
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC
2.6	13000	62700	-	533								
3.0	13000	62700	-	462								
3.3	13000	62700	-	426								
3.8	13000	62700	-	368								
4.3	13000	62700	-	326								
5.0	13000	62700	-	280								
5.7	13000	62700	-	247								
6.5	13000	62700	-	214								
7.4	13000	62700	-	189								
8.8	13000	62700	-	159								

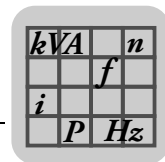
R167, $n_e=1400$ 1/min					18000 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	DRE250M DRE280S DRE280M	DRE315S DRE315K	DRE315M DRE315L
6.1	18000	120000	5.2	229.71						
7.5	18000	120000	5.2	186.93*						
9.1	18000	120000	5.2	153.07						
10	18000	120000	5.2	139.98						



R..DRE/DRS
R.. → DRE/DRS

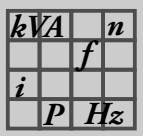
R167, $n_e=1400$ 1/min						18000 Nm				
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [°]	i	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M	DRE250M DRE280S DRE280M	DRE315S DRE315K	DRE315M DRE315L
11	18000	120000	5.2	121.81*						
13	18000	120000	5.2	107.49						
15	18000	120000	5.2	93.19						
17	18000	120000	5.2	82.91*						
19	18000	120000	5.6	73.70*						
21	18000	120000	5.6	67.40						
24	18000	120000	5.6	58.65						
27	18000	120000	5.6	51.76						
31	18000	120000	5.6	44.87						
35	18000	120000	5.6	39.92						
41	18000	120000	5.6	34.41						
50	18000	120000	5.7	27.96						
59	18000	116500	5.7	23.71						
2										
30	7000	120000	5	46.00						
37	9000	120000	5	37.74						
46	10000	120000	5	30.71						
57	14000	120000	5.1	24.57						
64	13000	120000	5.1	21.85						
74	16000	111400	5.1	19.03						
82	15000	108900	5.1	16.98						
97	18000	93800	5.2	14.48						
117	17000	88700	5.3	11.99						
137	17000	82500	5.3	10.24						

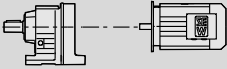

R167R97, $n_e=1400$ 1/min						18000 Nm							
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\Phi_{(R)}$ [°]	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M
3 3													
0.05	18000	120000	-	27001									
0.06	18000	120000	-	22482									
0.07	18000	120000	-	20002*									
0.08	18000	120000	-	17361									
0.09	18000	120000	-	15446									
0.10	18000	120000	-	14051									
0.12	18000	120000	-	11812									
0.13	18000	120000	-	10509									
0.15	18000	120000	-	9631									
0.18	18000	120000	-	7749									
0.20	18000	120000	-	6894									
0.23	18000	120000	-	6077									
0.26	18000	120000	-	5407									
0.30	18000	120000	-	4650									
0.34	18000	120000	-	4129									
0.38	18000	120000	-	3692									
0.45	18000	120000	-	3099									
3 2													
0.53	18000	120000	-	2657*									
0.60	18000	120000	-	2333									
0.67	18000	120000	-	2085									
0.75	18000	120000	-	1877									
0.84	18000	120000	-	1670*									
0.97	18000	120000	-	1438									

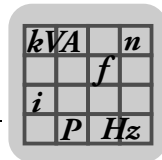


R167R97, n _e =1400 1/min											18000 Nm		
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	Φ _(/R) [']	i	DRS71M	DRS80S DRE80M DRE90M	DRE90L	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M
1.1	18000	120000	-	1279									
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]	Φ _(/R) [']	i	DRE100M DRE100LC DRE112M	DRE132S	DRE132M DRE132MC DRE160S	DRE160M DRE160MC DRE180S DRE180M	DRE180L DRE180LC	DRE200L DRE225S DRE225M			
2 3													
0.38	18000	120000	-	3637									
0.42	18000	120000	-	3330									
0.51	18000	120000	-	2757									
0.57	18000	120000	-	2436									
0.61	18000	120000	-	2298									
0.68	18000	120000	-	2066									
0.76	18000	120000	-	1849									
0.84	18000	120000	-	1674									
0.94	18000	120000	-	1485									
1.0	18000	120000	-	1342									
1.1	18000	120000	-	1229									
1.3	18000	120000	-	1111									
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..DRE/DRS [kW]

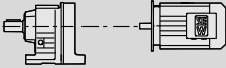

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.09	17	52	78.24	1490	0.95				
	18	47	71.47	1520	1.05				
	22	40	60.32	1560	1.25				
	25	34	51.52	1590	1.45				
	27	32	47.78	1600	1.60				
	29	29	44.16	1610	1.70				
	31	27	41.31	1600	1.85	R 07	DT 56M4	5.8	250
	32	27	40.34	1590	1.85	RF 07	DT 56M4	5.8	251
	34	26	38.51	1570	1.95				
	38	22	34.05	1520	2.2				
	45	19	29.08	1460	2.6				
	48	18	26.97	1430	2.8				
	56	15	23.32	1370	3.2				
	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	6.2				
	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	250	
174	4.9	7.48	980	8.8	RF 07	DT 56M4	5.7	251	
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	800	13					
353	2.4	3.68	790	14					
405	2.1	3.21	755	15					
0.12	0.06	13300	21342	62000	1.00				
	0.08	11300	18210	65700	1.15				
	0.09	9920	15923	67900	1.30				
	0.10	8770	14075	69400	1.50				
	0.11	7640	12344	70700	1.70	R 147R77	DR 63S4	420	287
	0.12	6730	11143	71600	1.95	RF 147R77	DR 63S4	430	287
	0.14	6030	9743	72200	2.2	RM 147R77	DR 63S4	600	287
	0.16	4830	8443	73100	2.7				
	0.19	4180	7307	73400	3.1				
	0.21	3690	6447	73700	3.5				
	0.25	3180	5568	73900	4.1				
	0.11	8050	12921	53300	1.00				
	0.12	7250	11712	54900	1.10				
	0.13	6390	10573	56400	1.25				
	0.16	5020	8784	58400	1.60	R 137R77	DR 63S4	290	287
	0.18	4090	7479	59400	1.95	RF 137R77	DR 63S4	310	287
	0.21	4060	6559	59400	1.95	RM 137R77	DR 63S4	425	287
	0.24	3190	5834	60200	2.5				
	0.27	3160	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	R 107R77	DR 63S4	200	287	
0.27	2820	5168	35500	1.50	RF 107R77	DR 63S4	210	287	
0.31	2530	4435	36100	1.70	RM 107R77	DR 63S4	295	287	
0.35	2260	3896	36500	1.90					
0.45	1880	3039	36900	2.3					
0.35	2470	3918	36200	1.75					
0.41	2100	3343	36700	2.0					
0.45	1910	3034	36900	2.2	R 107R77	DR 63S4	195	287	
0.52	1670	2653	37100	2.6	RF 107R77	DR 63S4	200	287	
0.61	1430	2280	37300	3.0	RM 107R77	DR 63S4	290	287	
0.67	1290	2067	37400	3.3					
0.30	3050	4559	17700	1.00	R 97R57	DR 63S4	130	287	
0.34	2560	4004	23700	1.15	RF 97R57	DR 63S4	145	287	
0.40	2270	3481	25200	1.30	RM 97R57	DR 63S4	195	287	

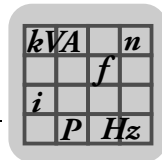


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
0.12	0.29	3230	4678	4840	0.95						
	0.32	2980	4309	20400	1.00						
	0.37	2560	3702	23700	1.15	R	97R57	DR	63S4	125	287
	0.46	2080	3019	26100	1.45	RF	97R57	DR	63S4	140	287
	0.52	1800	2668	27100	1.65	RM	97R57	DR	63S4	195	287
	0.61	1480	2245	27700	2.0						
	0.68	1300	2016	27900	2.3						
	0.80	1190	1733	28000	2.5						
	0.45	2120	3065	25900	1.40						
	0.51	1880	2722	26800	1.60						
	0.60	1590	2311	27500	1.90	R	97R57	DR	63S4	130	287
	0.66	1430	2078	27700	2.1	RF	97R57	DR	63S4	145	287
	0.76	1230	1823	28000	2.4	RM	97R57	DR	63S4	195	287
	0.87	1070	1583	28200	2.8						
	0.99	900	1396	28300	3.3						
	1.1	770	1228	28400	3.9						
	0.48	1760	2873	15200	0.90	R	87R57	DR	63S4	86	287
	0.70	1300	1961	18500	1.20	RF	87R57	DR	63S4	93	287
						RM	87R57	DR	63S4	125	287
	0.53	1780	2595	15000	0.85	R	87R57	DR	63S4	85	287
	0.65	1430	2129	17700	1.10	RF	87R57	DR	63S4	92	287
	0.72	1270	1930	18600	1.20	RM	87R57	DR	63S4	120	287
	0.80	1120	1733	19300	1.40						
	0.79	1140	1737	19200	1.35						
0.91	1000	1524	19800	1.55							
1.1	810	1303	20000	1.90	R	87R57	DR	63S4	85	287	
1.2	710	1143	20000	2.2	RF	87R57	DR	63S4	92	287	
1.6	580	885	20000	2.6	RM	87R57	DR	63S4	120	287	
1.8	510	776	20000	3.0							
2.0	450	685	20000	3.4							
2.3	360	599	20000	4.3							
1.1	930	1303	8660	0.85	R	77R37	DR	63S4	45	287	
1.2	795	1124	10100	1.05	RF	77R37	DR	63S4	51	287	
1.3	740	1047	10600	1.10	RM	77R37	DR	63S4	76	287	
1.5	635	915	11300	1.30							
1.1	820	1218	9910	1.00							
1.3	740	1084	10600	1.10	R	77R37	DR	63S4	46	287	
1.5	660	940	11200	1.25	RF	77R37	DR	63S4	52	287	
1.7	520	821	12000	1.55	RM	77R37	DR	63S4	77	287	
1.9	475	731	12200	1.70							
2.1	455	646	12300	1.80							
2.6	375	520	12600	2.2	R	77R37	DR	63S4	45	287	
3.1	320	451	12700	2.5	RF	77R37	DR	63S4	51	287	
3.3	300	422	12800	2.7	RM	77R37	DR	63S4	76	287	
3.8	255	365	12900	3.2							
1.6	625	891	7190	0.95	R	67R37	DR	63S4	40	287	
1.9	505	730	8530	1.20	RF	67R37	DR	63S4	43	287	
2.1	440	644	9060	1.35	RM	67R37	DR	63S4	59	287	
2.4	385	571	9430	1.55							
2.8	320	486	9790	1.85							
1.6	590	836	7670	1.00							
1.8	490	750	8630	1.20	R	67R37	DR	63S4	41	287	
2.1	440	646	9050	1.35	RF	67R37	DR	63S4	44	287	
2.4	400	574	9330	1.50	RM	67R37	DR	63S4	60	287	
2.8	345	495	9660	1.75							
3.2	285	438	9940	2.1							
1.8	550	782	4650	0.80							
2.0	455	678	7070	1.00							
2.3	410	604	7260	1.10	R	57R37	DR	63S4	34	287	
2.6	370	537	7400	1.20	RF	57R37	DR	63S4	38	287	
2.9	325	471	7550	1.35	RM	57R37	DR	63S4	50	287	
3.9	240	357	7760	1.85							
4.3	215	319	7820	2.1							
3.8	255	359	7730	1.75							
4.3	230	324	7790	1.95	R	57R37	DR	63S4	33	287	
4.8	200	290	7840	2.2	RF	57R37	DR	63S4	37	287	
5.3	185	262	7880	2.4	RM	57R37	DR	63S4	49	287	
5.6	170	246	7900	2.6							
6.3	150	220	7930	3.0							

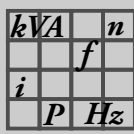
kVA	n
f	
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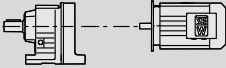

R..DRE/DRS
R..DRE/DRS [kW]

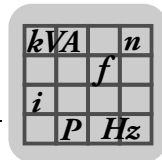
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.12	2.7	340	510	4360	0.85						
	3.2	285	436	5480	1.05	R	47R37	DR	63S4	28	287
	3.4	265	408	5590	1.10	RF	47R37	DR	63S4	28	287
	4.0	215	344	5780	1.35						
	2.8	365	502	3020	0.80						
	3.2	310	429	5350	0.95						
	3.7	265	372	5580	1.10						
	4.0	245	348	5670	1.20	R	47R37	DR	63S4	28	287
	4.6	210	301	5810	1.40	RF	47R37	DR	63S4	28	287
	5.4	177	255	5920	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	4780	0.95						
	5.3	184	259	5130	1.10	R	37R17	DR	63S4	17	287
	6.0	163	228	5360	1.25	RF	37R17	DR	63S4	19	287
	6.9	140	199	5550	1.40						
	8.0	122	172	5680	1.65						
	4.2	235	328	3730	0.85						
	4.8	205	289	4880	1.00						
	5.2	192	265	5040	1.05	R	37R17	DR	63S4	17	287
	6.1	156	226	5410	1.30	RF	37R17	DR	63S4	18	287
	6.8	144	202	5520	1.40						
	7.7	125	179	5660	1.60						
	6.0	158	229	4090	0.80						
	6.9	138	200	4200	0.95	R	27R17	DR	63S4	11	287
	7.8	121	177	4270	1.05	RF	27R17	DR	63S4	11	287
	8.3	116	166	4290	1.10						
	6.1	157	227	4100	0.85						
	6.8	144	203	4170	0.90	R	27R17	DR	63S4	11	287
	7.7	125	179	4260	1.05	RF	27R17	DR	63S4	11	287
	8.8	106	156	4330	1.25						
	4.6	245	195.24*	12900	3.3	R	77	DR	63M6	37	271
	5.4	210	166.59	13000	3.9	RF	77	DR	63M6	43	272
	6.2	186	145.67	13000	4.4	RM	77	DR	63M6	68	272
	4.5	250	199.81	10100	2.4						
	4.9	230	184.07	10100	2.6						
	5.7	200	158.14	10300	3.0	R	67	DR	63M6	30	268
	6.5	175	137.67	10300	3.4	RF	67	DR	63M6	33	269
	7.0	164	128.97	10400	3.6	RM	67	DR	63M6	49	269
	7.9	145	113.94	10400	4.1						
	6.9	166	199.81	10300	3.6	R	67	DR	63S4	30	268
	7.5	153	184.07	10400	3.9	RF	67	DR	63S4	33	269
						RM	67	DR	63S4	49	269
	4.8	235	186.89	7780	1.90						
	5.2	215	172.17	7820	2.0						
	6.1	188	147.92	7870	2.4	R	57	DR	63M6	23	265
	7.0	164	128.77	7910	2.7	RF	57	DR	63M6	27	266
	7.5	154	120.63	7920	2.9	RM	57	DR	63M6	39	266
	8.4	136	106.58	7950	3.3						
	9.1	126	98.99	7960	3.6						
	7.4	155	186.89	7920	2.9	R	57	DR	63S4	23	265
	8.0	143	172.17	7940	3.2	RF	57	DR	63S4	27	266
	9.3	123	147.92	7960	3.7	RM	57	DR	63S4	39	266
	11	107	128.77	7980	4.2						
	5.1	225	176.88	5760	1.35						
	5.5	205	162.94	5830	1.45	R	47	DR	63M6	18	262
	6.4	178	139.99	5920	1.70	RF	47	DR	63M6	18	263
	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	R	47	DR	63S4	18	262
	11	101	121.87	6100	3.0	RF	47	DR	63S4	18	263
	12	95	114.17	6100	3.2						
	14	84	100.86	6120	3.6						
	15	78	93.68	6130	3.9						

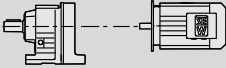



P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						R	RF	DR	DR		
0.12	6.7	172	134.82	5270	1.15						
	7.3	157	123.66	5400	1.25						
	8.6	134	105.28	5600	1.50	R	37	DR	63M6	14	259
	9.9	116	90.77	5730	1.75	RF	37	DR	63M6	16	260
	11	108	84.61	5770	1.85						
	12	94	73.96	5850	2.1						
	10	112	134.82	5750	1.80						
	11	103	123.66	5800	1.95						
	13	87	105.28	5880	2.3	R	37	DR	63S4	14	259
	15	75	90.77	5930	2.6	RF	37	DR	63S4	16	260
	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						
	9.9	116	90.96	4300	1.10	R	27	DR	63M6	8.3	256
	11	108	84.78	4320	1.20	RF	27	DR	63M6	8.2	257
	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	4420	1.70							
16	70	84.78	4440	1.85							
19	62	74.11	4460	2.1	R	27	DR	63S4	8.3	256	
20	58	69.47	4460	2.2	RF	27	DR	63S4	8.2	257	
23	51	61.30	4400	2.6							
25	46	55.87	4280	2.8							
29	40	48.17	4090	3.2							
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	R	17	DR	63M6	7.6	253	
16	73	57.35	2440	1.15	RF	17	DR	63M6	7.5	254	
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	54	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	R	17	DR	63S4	7.6	253	
31	37	44.18	2500	2.3	RF	17	DR	63S4	7.5	254	
36	32	38.61	2430	2.6							
38	30	36.20	2390	2.8							
43	26	31.94	2310	3.2							
49	24	28.32	2230	3.6							
57	20	24.07	2130	4.2							
23	50	60.32	1500	1.00							
27	43	51.52	1550	1.15							
29	40	47.78	1560	1.25							
31	37	44.16	1530	1.35							
33	34	41.31	1510	1.45							
34	34	40.34	1500	1.50	R	07	DR	63S4	6.4	250	
36	32	38.51	1490	1.55	RF	07	DR	63S4	6.4	251	
41	28	34.05	1440	1.75							
47	24	29.08	1390	2.1							
51	22	26.97	1360	2.2							
59	19	23.32	1320	2.6							
63	18	21.73	1290	2.8							
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	5.8	250	
34	34	38.51	1510	1.45	RF	07	DT	56L4	5.8	251	
38	30	34.05	1460	1.65							
45	26	29.08	1410	1.95							
48	24	26.97	1380	2.1							
56	21	23.32	1340	2.4							
60	19	21.73	1310	2.6							


R..DRE/DRS
R..DRE/DRS [kW]

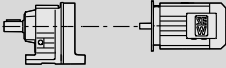

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
0.12	75	15	18.31	1230	3.3							
	82	14	16.73	1200	3.6							
	98	12	14.12	1150	4.3							
	114	10	12.06	1100	5.0							
	123	9.3	11.18	1070	5.4							
	143	8.0	9.67	1030	6.2							
	153	7.5	9.01	1010	6.7							
	176	6.5	7.85	970	7.5	R	07	DR	63S4	6.3	250	
	185	6.2	7.48	950	6.9	RF	07	DR	63S4	6.3	251	
	202	5.7	6.83	930	7.5							
	239	4.8	5.76	880	8.3							
	280	4.1	4.92	840	9.0							
	302	3.8	4.57	820	9.5							
	350	3.3	3.95	785	10							
	375	3.1	3.68	765	11							
	430	2.7	3.21	735	11							
		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	5.0							
134		8.5	9.67	1050	5.9							
144		7.9	9.01	1030	6.3							
166		6.9	7.85	980	7.1	R	07	DT	56L4	5.7	250	
174		6.6	7.48	970	6.5	RF	07	DT	56L4	5.7	251	
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	4260	8.6	RX	67	DR	63S4	16	240
	267	4.3	5.18	4050	17	RXF	67	DR	63S4	20	241	
	305	3.8	4.53	3870	22							
	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	238	
	474	2.4	2.91	2730	28	RXF	57	DR	63S4	16	239	
	523	2.2	2.64*	2640	31							
	582	2.0	2.37	2550	34							
	676	1.7	2.04	2430	41							
	719	1.6	1.92*	2380	43							
	835	1.4	1.65	2260	49							
	0.18	0.09	14900	14075	50900	0.85						
0.11		13000	12344	62500	1.00							
0.12		11600	11143	65200	1.10							
0.14		10300	9743	67300	1.25							
0.16		8550	8443	69700	1.50	R	147R77	DR	63M4	420	287	
0.18		7400	7307	70900	1.75	RF	147R77	DR	63M4	430	287	
0.20		6530	6447	71800	2.00	RM	147R77	DR	63M4	600	287	
0.24		5640	5568	72500	2.3							
0.27		5140	4926	72800	2.5							
0.31		4420	4325	73300	2.9							
0.35		3920	3754	73600	3.3							
0.40		3370	3302	73800	3.8							
		0.15	8900	8784	50100	0.90						
		0.18	7390	7479	54600	1.10						
		0.20	6950	6559	55500	1.15	R	137R77	DR	63M4	290	287
		0.23	5760	5834	57400	1.40	RF	137R77	DR	63M4	310	287
		0.26	5420	5116	57900	1.50	RM	137R77	DR	63M4	425	287
		0.30	4520	4464	59000	1.75						
		0.34	3980	3928	59500	2.0						

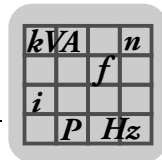


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.18	0.28	5060	4709	58300	1.60						
	0.33	4320	4018	59200	1.85	R	137R77	DR	63M4	280	287
	0.38	3770	3514	59700	2.1	RF	137R77	DR	63M4	300	287
	0.40	3580	3338	59900	2.2	RM	137R77	DR	63M4	415	287
	0.45	3140	2929	60200	2.5						
	0.30	4490	4435	28400	0.95	R	107R77	DR	63M4	200	287
	0.34	3980	3896	31100	1.10	RF	107R77	DR	63M4	210	287
	0.43	3220	3039	34200	1.35	RM	107R77	DR	63M4	295	287
	0.34	4210	3918	29900	1.00						
	0.39	3590	3343	32800	1.20						
0.44	3260	3034	34100	1.30	R	107R77	DR	63M4	195	287	
0.50	2850	2653	35400	1.50	RF	107R77	DR	63M4	200	287	
0.58	2450	2280	36200	1.75	RM	107R77	DR	63M4	290	287	
0.64	2210	2067	36500	1.95							
0.66	2100	1987	36700	2.0							
0.72	1870	1827	36900	2.3	R	107R77	DR	63M4	200	287	
0.83	1590	1599	37200	2.7	RF	107R77	DR	63M4	205	287	
0.94	1430	1400	37300	3.0	RM	107R77	DR	63M4	295	287	
1.1	1220	1226	37400	3.5							
0.49	2990	2668	20000	1.00							
0.59	2480	2245	24200	1.20							
0.65	2200	2016	25500	1.35							
0.76	1960	1733	26500	1.50							
0.81	1840	1623	27000	1.65	R	97R57	DR	63M4	125	287	
0.92	1610	1434	27500	1.85	RF	97R57	DR	63M4	140	287	
1.1	1330	1207	27900	2.2	RM	97R57	DR	63M4	195	287	
1.2	1180	1084	28000	2.5							
1.4	1000	934	28200	3.0							
1.5	930	878	28300	3.2							
1.8	790	755	28400	3.8							
0.49	3090	2722	15900	0.95	R	97R57	DR	63M4	130	287	
0.57	2620	2311	23400	1.15	RF	97R57	DR	63M4	145	287	
0.64	2350	2078	24800	1.25	RM	97R57	DR	63M4	195	287	
0.89	1690	1489	15900	0.90							
0.95	1580	1395	16700	1.00							
1.1	1380	1232	18000	1.10	R	87R57	DR	63M4	85	287	
1.2	1270	1145	18600	1.20	RF	87R57	DR	63M4	92	287	
1.3	1140	1037	19200	1.35	RM	87R57	DR	63M4	120	287	
1.4	1010	931	19800	1.50							
1.6	860	802	20000	1.80							
0.87	1680	1524	15900	0.90							
1.0	1390	1303	17900	1.10	R	87R57	DR	63M4	85	287	
1.2	1220	1143	18900	1.25	RF	87R57	DR	63M4	92	287	
1.5	970	885	19900	1.60	RM	87R57	DR	63M4	120	287	
1.7	850	776	20000	1.80							
1.5	970	858	5830	0.85							
1.7	850	757	9590	0.95	R	77R37	DR	63M4	45	287	
2.0	750	671	10500	1.10	RF	77R37	DR	63M4	51	287	
2.3	630	571	11400	1.30	RM	77R37	DR	63M4	76	287	
1.6	880	821	9230	0.90							
1.8	800	731	10100	1.00							
2.0	745	646	10500	1.10							
2.4	645	560	11300	1.25	R	77R37	DR	63M4	46	287	
2.7	550	488	11800	1.50	RF	77R37	DR	63M4	52	287	
3.0	485	436	12100	1.70	RM	77R37	DR	63M4	77	287	
3.5	420	373	12400	1.95							
4.0	365	327	12600	2.2							
4.6	325	289	12700	2.5							
2.3	635	571	7060	0.95	R	67R37	DR	63M4	40	287	
2.7	535	486	8250	1.10	RF	67R37	DR	63M4	43	287	
					RM	67R37	DR	63M4	59	287	
2.3	655	574	5820	0.90							
2.7	565	495	7950	1.05							
3.0	480	438	8740	1.25	R	67R37	DR	63M4	41	287	
3.4	425	388	9160	1.40	RF	67R37	DR	63M4	44	287	
3.8	390	344	9380	1.55	RM	67R37	DR	63M4	60	287	
4.5	315	294	9800	1.90							
5.1	290	261	9920	2.1							

kVA	n
f	
i	
P	H_z

R..DRE/DRS R..DRE/DRS [kW]

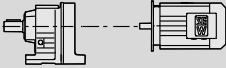

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.18	2.9	500	454	6650	0.90	R	57R37	DR	63M4	33	287
	3.2	450	410	7090	1.00	RF	57R37	DR	63M4	37	287
						RM	57R37	DR	63M4	49	287
	2.8	535	471	5250	0.85						
	3.7	400	357	7300	1.10						
	4.1	355	319	7460	1.25	R	57R37	DR	63M4	34	287
	4.8	300	273	7630	1.50	RF	57R37	DR	63M4	38	287
	5.5	260	241	7730	1.75	RM	57R37	DR	63M4	50	287
	6.1	230	215	7790	1.95						
	3.7	420	359	7230	1.05						
	4.1	375	324	7380	1.20						
	4.6	335	290	7530	1.35	R	57R37	DR	63M4	33	287
	5.0	300	262	7620	1.50	RF	57R37	DR	63M4	37	287
	5.4	280	246	7680	1.60	RM	57R37	DR	63M4	49	287
	6.0	245	220	7750	1.80						
	7.0	210	188	7830	2.1						
	8.3	177	159	7890	2.6						
	4.4	345	301	4150	0.85						
	5.2	290	255	5460	1.05	R	47R37	DR	63M4	28	287
	5.8	255	228	5620	1.15	RF	47R37	DR	63M4	28	287
	6.8	215	195	5790	1.40						
	6.6	225	199	4510	0.85	R	37R17	DR	63M4	17	287
	7.7	199	172	4960	1.00	RF	37R17	DR	63M4	19	287
	8.8	173	150	5260	1.15						
	6.5	230	202	4050	0.85	R	37R17	DR	63M4	17	287
	7.4	205	179	4870	0.95	RF	37R17	DR	63M4	18	287
	8.5	176	156	5220	1.15						
	9.4	157	141	4100	0.85						
	11	139	124	4190	0.95	R	27R17	DR	63M4	11	287
	12	124	110	4260	1.05	RF	27R17	DR	63M4	11	287
	14	105	94	4340	1.25						
	9.8	152	135	4120	0.85						
	11	139	118	4190	0.95	R	27R17	DR	63M4	11	287
	13	121	104	4270	1.10	RF	27R17	DR	63M4	11	287
	15	104	90	4340	1.25						
	4.5	385	195.24*	12500	2.1						
	5.2	325	166.59	12700	2.5	R	77	DR	63L6	38	271
	6.0	285	145.67	12800	2.8	RF	77	DR	63L6	43	272
	6.3	270	138.39	12900	3.0	RM	77	DR	63L6	68	272
	7.2	235	121.42	12900	3.4						
	6.8	250	195.24*	12900	3.2						
	7.9	215	166.59	13000	3.8	R	77	DR	63M4	37	271
	9.1	190	145.67	13000	4.3	RF	77	DR	63M4	43	272
	9.5	180	138.39	13000	4.6	RM	77	DR	63M4	68	272
	4.4	390	199.81	9370	1.50						
	4.7	360	184.07	9560	1.65						
	5.5	310	158.14	9830	1.90						
	6.3	270	137.67	10000	2.2						
	6.8	250	128.97	10100	2.4	R	67	DR	63L6	30	268
	7.6	225	113.94	10200	2.7	RF	67	DR	63L6	34	269
	8.2	205	105.83	10200	2.9	RM	67	DR	63L6	49	269
	9.1	190	95.91	10300	3.2						
	10	170	86.11	10300	3.5						
	12	146	74.17	10400	4.1						
	12	138	69.75	10400	4.4						
	6.6	260	199.81	10100	2.3						
	7.2	235	184.07	10100	2.5						
	8.4	205	158.14	10200	2.9	R	67	DR	63M4	30	268
	9.6	179	137.67	10300	3.4	RF	67	DR	63M4	33	269
	10	168	128.97	10300	3.6	RM	67	DR	63M4	49	269
	12	148	113.94	10400	4.0						
	12	138	105.83	10400	4.4						
	4.7	365	186.89	7420	1.20						
	5.0	340	172.17	7510	1.30	R	57	DR	63L6	24	265
	5.9	290	147.92	7650	1.55	RF	57	DR	63L6	27	266
	6.8	250	128.77	7740	1.75	RM	57	DR	63L6	39	266
	7.2	235	120.63	7780	1.90						

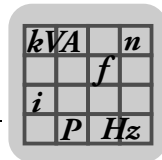


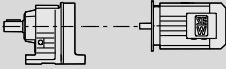

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
0.18	7.1	240	186.89	7770	1.85						
	7.7	220	172.17	7810	2.0						
	8.9	193	147.92	7860	2.3						
	10	168	128.77	7900	2.7	R	57	DR	63M4	23	265
	11	157	120.63	7920	2.9	RF	57	DR	63M4	27	266
	12	139	106.58	7940	3.2	RM	57	DR	63M4	39	266
	13	129	98.99	7950	3.5						
	15	117	89.71	7970	3.8						
	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	R	47	DR	63M4	18	262
	12	149	114.17	6000	2.0	RF	47	DR	63M4	18	263
	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	240	123.66	3060	0.80							
8.3	205	105.28	4840	0.95	R	37	DR	63L6	15	259	
9.6	179	90.77	5190	1.10	RF	37	DR	63L6	16	260	
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	R	37	DR	63M4	14	259	
18	96	73.96	5840	2.1	RF	37	DR	63M4	16	260	
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	96	74.11	4360	1.35							
19	90	69.47	4380	1.45							
22	80	61.30	4320	1.65	R	27	DR	63M4	8.3	256	
24	73	55.87	4210	1.80	RF	27	DR	63M4	8.2	257	
27	63	48.17	4040	2.1							
29	58	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	3460	3.5							
51	34	26.09	3380	3.8							
59	29	22.32	3220	4.5	R	27	DR	63M4	8.0	256	
68	25	19.35	3090	5.2	RF	27	DR	63M4	8.0	257	
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	47	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	R	17	DR	63M4	7.6	253	
30	58	44.18	2410	1.50	RF	17	DR	63M4	7.5	254	
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							
52	33	25.23	2110	2.6							
57	30	23.15	2060	2.8	R	17	DR	63M4	7.3	253	
67	26	19.71	1970	3.3	RF	17	DR	63M4	7.2	254	
78	22	16.99	1890	3.8							

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

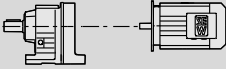

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.18	28	62	47.78	1100	0.80				
	30	58	44.16	1340	0.85				
	32	54	41.31	1390	0.95				
	33	52	40.34	1380	0.95				
	34	50	38.51	1380	1.00	R 07	DR 63M4	6.4	250
	39	44	34.05	1350	1.15	RF 07	DR 63M4	6.4	251
	45	38	29.08	1310	1.30				
	49	35	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	250
	177	9.7	7.48	940	4.4	RF 07	DR 63M4	6.3	251
	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	250
	472	3.6	5.76	705	11	RF 07	DR 63S2	6.3	251
	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	240
	192	8.9	4.53	4490	9.2	RXF 67	DR 63L6	21	241
	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	240	
412	4.2	3.20*	3500	24	RXF 67	DR 63M4	20	241	
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	238	
200	8.6	4.35	3600	7.9	RXF 57	DR 63L6	16	239	
230	7.5	3.79	3440	9.2					
240	7.2	5.50*	3400	5.4					
261	6.6	5.07	3310	5.4					
303	5.7	4.35	3150	12					
348	4.9	3.79	3010	14					
372	4.6	3.55*	2940	15					
421	4.1	3.14	2830	16	RX 57	DR 63M4	14	238	
453	3.8	2.91	2760	18	RXF 57	DR 63M4	16	239	
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					

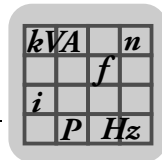


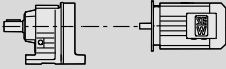

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.25	0.13	15100	9743	48200	0.85						
	0.15	12700	8443	63100	1.00						
	0.18	11000	7307	66200	1.20						
	0.20	9740	6447	68100	1.35						
	0.23	8410	5568	69800	1.55	R	147R77	DR	63L4	420	287
	0.26	7590	4926	70700	1.70	RF	147R77	DR	63L4	430	287
	0.30	6570	4325	71700	2.00	RM	147R77	DR	63L4	600	287
	0.35	5790	3754	72400	2.2						
	0.39	5020	3302	72900	2.6						
	0.45	4370	2898	73300	3.0						
0.22	8660	5834	51100	0.90	R	137R77	DR	63L4	290	287	
0.25	7960	5116	53500	1.00	RF	137R77	DR	63L4	310	287	
0.29	6740	4464	55800	1.20	RM	137R77	DR	63L4	425	287	
0.33	5930	3928	57100	1.35							
0.28	7430	4709	54600	1.10	R	137R77	DR	63L4	280	287	
0.32	6340	4018	56500	1.25	RF	137R77	DR	63L4	300	287	
0.37	5540	3514	57700	1.45	RM	137R77	DR	63L4	415	287	
0.39	5260	3338	58100	1.50							
0.44	4620	2929	58900	1.75							
0.49	4180	2658	59300	1.90	R	137R77	DR	63L4	290	287	
0.54	3800	2412	59700	2.1	RF	137R77	DR	63L4	310	287	
0.63	3260	2073	60100	2.4	RM	137R77	DR	63L4	420	287	
0.71	2810	1839	60500	2.8							
0.93	2180	1397	60800	3.7							
1.1	1880	1226	61000	4.2							
0.43	4730	3039	25600	0.90	R	107R77	DR	63L4	205	287	
					RF	107R77	DR	63L4	210	287	
					RM	107R77	DR	63L4	295	287	
0.43	4780	3034	23600	0.90	R	107R77	DR	63L4	195	287	
					RF	107R77	DR	63L4	200	287	
					RM	107R77	DR	63L4	290	287	
0.65	3100	1987	34600	1.40							
0.71	2790	1827	35600	1.55							
0.81	2400	1599	36300	1.80	R	107R77	DR	63L4	200	287	
0.93	2140	1400	36600	2.0	RF	107R77	DR	63L4	205	287	
1.1	1840	1226	36900	2.3	RM	107R77	DR	63L4	295	287	
1.4	1430	939	37300	3.0							
1.6	1230	822	37400	3.5							
0.75	2840	1733	22000	1.05	R	97R57	DR	63L4	125	287	
0.80	2650	1623	23200	1.15	RF	97R57	DR	63L4	145	287	
					RM	97R57	DR	63L4	195	287	
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	R	97R57	DR	63L4	130	287	
1.2	1750	1069	27300	1.70	RF	97R57	DR	63L4	145	287	
1.4	1520	938	27600	1.95	RM	97R57	DR	63L4	195	287	
1.6	1300	824	27900	2.3							
1.8	1160	737	28100	2.6							
2.1	990	632	28200	3.0							
1.1	1850	1145	10700	0.85	R	87R57	DR	63L4	85	287	
1.2	1660	1037	16000	0.95	RF	87R57	DR	63L4	93	287	
1.4	1480	931	17400	1.05	RM	87R57	DR	63L4	120	287	
1.6	1260	802	18600	1.20							
1.1	1790	1143	14700	0.85							
1.5	1420	885	17800	1.10							
1.7	1240	776	18700	1.25	R	87R57	DR	63L4	86	287	
1.9	1100	685	19400	1.40	RF	87R57	DR	63L4	93	287	
2.2	920	599	20000	1.65	RM	87R57	DR	63L4	125	287	
2.5	810	525	20000	1.90							
2.8	715	456	20000	2.2							
4.9	415	268	20000	3.7							
2.3	910	571	8910	0.90	R	77R37	DR	63L4	46	287	
					RF	77R37	DR	63L4	52	287	
					RM	77R37	DR	63L4	77	287	

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R..DRE/DRS
R..DRE/DRS [kW]

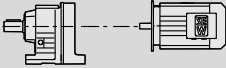

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]				
0.25	2.3	920	560	8780	0.90						
	2.7	795	488	10100	1.05						
	3.0	705	436	10900	1.15	R	77R37	DR	63L4	47	287
	3.5	605	373	11500	1.35	RF	77R37	DR	63L4	53	287
	4.0	530	327	11900	1.55	RM	77R37	DR	63L4	78	287
	4.5	470	289	12200	1.75						
	5.0	420	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	R	67R37	DR	63L4	41	287
4.4	465	294	8870	1.30	RF	67R37	DR	63L4	45	287	
5.0	420	261	9180	1.40	RM	67R37	DR	63L4	60	287	
5.6	380	234	9460	1.60							
6.5	320	200	9780	1.85							
7.4	275	176	9980	2.2							
8.2	250	158	10100	2.4							
3.4	640	384	6960	0.95							
3.6	600	359	7550	1.00	R	67R37	DR	63L4	41	287	
4.2	515	310	8430	1.15	RF	67R37	DR	63L4	44	287	
4.9	435	264	9100	1.40	RM	67R37	DR	63L4	59	287	
5.5	385	235	9420	1.55							
6.5	325	201	9750	1.85							
7.2	295	181	9900	2.0							
4.1	515	319	6050	0.85							
4.8	435	273	7160	1.05	R	57R37	DR	63L4	35	287	
5.4	380	241	7380	1.20	RF	57R37	DR	63L4	38	287	
6.0	340	215	7510	1.30	RM	57R37	DR	63L4	50	287	
7.0	300	187	7630	1.50							
7.9	260	164	7730	1.75							
9.2	225	142	7800	2.00							
4.0	540	324	4980	0.85							
4.5	480	290	6950	0.95	R	57R37	DR	63L4	34	287	
5.0	435	262	7160	1.05	RF	57R37	DR	63L4	37	287	
5.3	405	246	7280	1.10	RM	57R37	DR	63L4	49	287	
5.9	360	220	7440	1.25							
5.7	370	228	2440	0.80							
6.7	315	195	5320	0.95	R	47R37	DR	63L4	29	287	
7.1	295	182	5440	1.00	RF	47R37	DR	63L4	29	287	
8.5	245	154	5680	1.20							
8.7	245	150	2540	0.80							
10	210	130	4790	0.95	R	37R17	DR	63L4	18	287	
10	200	124	4930	1.00	RF	37R17	DR	63L4	19	287	
12	178	110	5200	1.10							
14	152	94	5460	1.30							
9.7	220	135	4660	0.90							
10	210	127	4770	0.95	R	37R17	DR	63L4	18	287	
12	174	104	5250	1.15	RF	37R17	DR	63L4	19	287	
14	150	90	5470	1.35							
4.6	520	195.24*	12000	1.55	R	77	DRS	71S6	39	271	
5.4	440	166.59	12300	1.85	RF	77	DRS	71S6	45	272	
6.1	385	145.67	12500	2.1	RM	77	DRS	71S6	70	272	
6.7	355	195.24*	12600	2.3							
7.8	305	166.59	12800	2.7	R	77	DR	63L4	38	271	
8.9	265	145.67	12900	3.1	RF	77	DR	63L4	43	272	
9.4	250	138.39	12900	3.2	RM	77	DR	63L4	68	272	
11	220	121.42	13000	3.7							
4.5	530	199.81	8280	1.15							
4.9	490	184.07	8660	1.20							
5.7	420	158.14	9190	1.40	R	67	DRS	71S6	32	268	
6.5	365	137.67	9540	1.65	RF	67	DRS	71S6	35	269	
6.9	340	128.97	9670	1.75	RM	67	DRS	71S6	51	269	
7.8	300	113.94	9870	1.95							
8.5	280	105.83	9960	2.1							

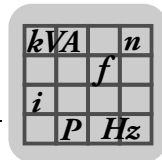


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.25	6.5	365	199.81	9540	1.65				
	7.1	335	184.07	9700	1.80				
	8.2	290	158.14	9930	2.1				
	9.4	250	137.67	10100	2.4	R 67	DR 63L4	30	268
	10	235	128.97	10100	2.5	RF 67	DR 63L4	34	269
	11	205	113.94	10200	2.9	RM 67	DR 63L4	49	269
	12	194	105.83	10300	3.1				
	14	176	95.91	10300	3.4				
	15	158	86.11	10400	3.8				
	4.8	495	186.89	6760	0.90				
	5.2	455	172.17	7060	1.00				
	6.0	390	147.92	7330	1.15	R 57	DRS 71S6	26	265
	7.0	340	128.77	7500	1.30	RF 57	DRS 71S6	29	266
	7.4	320	120.63	7570	1.40	RM 57	DRS 71S6	41	266
	8.4	280	106.58	7670	1.60				
9.0	260	98.99	7720	1.70					
7.0	340	186.89	7500	1.30					
7.6	315	172.17	7580	1.40					
8.8	270	147.92	7700	1.65					
10	235	128.77	7780	1.90	R 57	DR 63L4	24	265	
11	220	120.63	7810	2.0	RF 57	DR 63L4	27	266	
12	196	106.58	7860	2.3	RM 57	DR 63L4	39	266	
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					
7.4	320	176.88	5280	0.90					
8.0	295	162.94	5420	1.00					
9.3	255	139.99	5630	1.15					
11	220	121.87	5770	1.35					
11	205	114.17	5820	1.45					
13	185	100.86	5900	1.60					
14	172	93.68	5940	1.75	R 47	DR 63L4	19	262	
15	156	84.90	5980	1.90	RF 47	DR 63L4	19	263	
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	245	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	5580	1.45					
19	127	69.33	5650	1.55	R 37	DR 63L4	15	259	
21	112	61.18	5750	1.80	RF 37	DR 63L4	16	260	
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	4240	1.00					
21	113	61.30	4180	1.15					
23	103	55.87	4090	1.25					
27	88	48.17	3940	1.45	R 27	DR 63L4	9.0	256	
29	82	44.90	3870	1.60	RF 27	DR 63L4	8.9	257	
33	72	39.25	3730	1.80					
35	68	36.79	3660	1.90					
40	60	32.47	3540	2.2					
45	53	28.78	3420	2.5					
53	45	24.47	3270	2.9					

kVA	n
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R..DRE/DRS
R..DRE/DRS [kW]

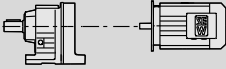

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.25	46	52	28.37	3410	2.5				
	50	48	26.09	3330	2.7				
	58	41	22.32	3180	3.2				
	67	36	19.35	3050	3.7				
	72	33	18.08	2990	3.9				
	83	29	15.63	2860	4.5				
	98	24	13.28*	2730	5.3				
	110	22	11.86	2630	5.9				
	128	19	10.13	2510	6.6	R 27	DR 63L4	8.7	256
	138	17	9.41	2440	7.0	RF 27	DR 63L4	8.6	257
	159	15	8.16	2330	7.7				
	170	14	7.63*	2280	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	1900	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	253	
34	71	38.61	2200	1.20	RF 17	DR 63L4	8.2	254	
36	66	36.20	2180	1.30					
41	59	31.94	2120	1.45					
46	52	28.32	2070	1.65					
54	44	24.07	2000	1.90					
52	46	25.23	2020	1.85					
56	42	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	253	
82	29	15.84	1810	2.9	RF 17	DR 63L4	7.9	254	
94	25	13.84	1740	3.4					
100	24	12.98	1720	3.6					
114	21	11.45	1660	3.9					
38	62	34.05	1090	0.80					
45	53	29.08	1200	0.95					
48	50	26.97	1190	1.00	R 07	DR 63L4	7.2	250	
56	43	23.32	1170	1.15	RF 07	DR 63L4	7.2	251	
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	20	11.18	1010	2.4					
134	18	9.67	980	2.8					
144	16	9.01	960	3.0					
166	14	7.85	930	3.4	R 07	DR 63L4	7.0	250	
174	14	7.48	920	3.1	RF 07	DR 63L4	7.0	251	
190	12	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	4.8					
405	5.9	3.21	725	5.2					
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	7.0	R 07	DR 63M2	6.3	250	
461	5.2	5.76	700	7.7	RF 07	DR 63M2	6.3	251	
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					

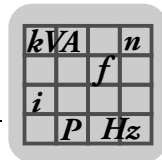


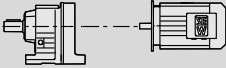

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
0.25	148	16	6.07	4860	2.6						
	173	14	5.18	4620	5.4	RX	67	DRS	71S6	19	240
	198	12	4.53	4420	6.8	RXF	67	DRS	71S6	23	241
	208	12	4.30*	4350	7.0						
	214	11	6.07	4310	3.9						
	251	9.5	5.18	4100	7.9						
	287	8.3	4.53	3920	9.9						
	302	7.9	4.30*	3860	10						
	345	6.9	3.77	3700	13	RX	67	DR	63L4	17	240
	406	5.9	3.20*	3500	17	RXF	67	DR	63L4	21	241
	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						
	163	15	5.50*	3820	2.6						
	177	14	5.07	3720	2.7	RX	57	DRS	71S6	16	238
	206	12	4.35	3540	5.9	RXF	57	DRS	71S6	18	239
	236	10	3.79	3390	6.8						
	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	238	
446	5.3	2.91	2760	13	RXF	57	DR	63L4	16	239	
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	14000	6447	60400	0.90						
	0.25	12100	5568	64300	1.05	R	147R77	DRS	71S4	425	287
	0.28	10900	4926	66400	1.20	RF	147R77	DRS	71S4	430	287
	0.32	9470	4325	68500	1.35	RM	147R77	DRS	71S4	600	287
	0.37	8310	3754	70000	1.55						
	0.42	7230	3302	71100	1.80						
	0.48	6320	2898	71900	2.1						
	0.31	9730	4464	36000	0.80	R	137R77	DRS	71S4	290	287
	0.35	8570	3928	51500	0.95	RF	137R77	DRS	71S4	315	287
						RM	137R77	DRS	71S4	425	287
	0.34	9080	4018	48100	0.90						
	0.39	7940	3514	53500	1.00						
	0.41	7540	3338	54300	1.05	R	137R77	DRS	71S4	280	287
	0.47	6610	2929	56000	1.20	RF	137R77	DRS	71S4	305	287
	0.56	5600	2484	57600	1.45	RM	137R77	DRS	71S4	415	287
	0.62	5020	2242	58400	1.60						
	0.52	5990	2658	57000	1.35						
	0.57	5440	2412	57800	1.45						
	0.67	4670	2073	58800	1.70						
	0.75	4060	1839	59400	1.95	R	137R77	DRS	71S4	290	287
	0.99	3130	1397	60200	2.6	RF	137R77	DRS	71S4	315	287
	1.1	2710	1226	60500	2.9	RM	137R77	DRS	71S4	425	287
	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	107R77	DRS	71S4	200	287
	0.98	3100	1407	34600	1.40	RF	107R77	DRS	71S4	205	287
	1.1	2660	1209	35900	1.60	RM	107R77	DRS	71S4	290	287
	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	107R77	DRS	71S4	205	287
	0.99	3090	1400	34600	1.40	RF	107R77	DRS	71S4	210	287
	1.1	2670	1226	35900	1.60	RM	107R77	DRS	71S4	295	287
	1.5	2070	939	36700	2.1						
	1.7	1790	822	37000	2.4						

kVA	n
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R..DRE/DRS
R..DRE/DRS [kW]

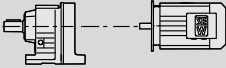

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.37	1.1	2760	1207	22500	1.10	R	97R57	DRS	71S4	130	287
	1.3	2460	1084	24300	1.20	RF	97R57	DRS	71S4	145	287
						RM	97R57	DRS	71S4	195	287
	0.99	3170	1396	10800	0.95						
	1.1	2770	1228	22500	1.10						
	1.3	2470	1069	24200	1.20						
	1.5	2160	938	25700	1.40	R	97R57	DRS	71S4	130	287
	1.7	1860	824	26900	1.60	RF	97R57	DRS	71S4	145	287
	1.9	1660	737	27400	1.80	RM	97R57	DRS	71S4	200	287
	2.2	1420	632	27700	2.1						
	3.2	980	431	28200	3.1						
	3.6	850	379	28300	3.5						
	4.1	765	336	28400	3.9						
	1.7	1810	802	13800	0.85	R	87R57	DRS	71S4	87	287
	1.8	1690	754	15800	0.90	RF	87R57	DRS	71S4	94	287
	2.1	1440	649	17600	1.05	RM	87R57	DRS	71S4	125	287
	1.8	1770	776	15100	0.85						
	2.0	1560	685	16800	1.00						
	2.3	1330	599	18300	1.15	R	87R57	DRS	71S4	88	287
	2.6	1170	525	19100	1.30	RF	87R57	DRS	71S4	95	287
	3.0	1020	456	19700	1.50	RM	87R57	DRS	71S4	125	287
	5.2	595	268	20000	2.6						
	5.8	525	236	20000	2.9						
	2.6	1260	538	18700	1.25	R	87R57	DRS	71S4	86	287
	2.9	1100	472	19400	1.40	RF	87R57	DRS	71S4	93	287
	3.4	920	400	20000	1.65	RM	87R57	DRS	71S4	125	287
	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	R	77R37	DRS	71S4	49	287
	5.3	600	260	11600	1.35	RF	77R37	DRS	71S4	55	287
	6.2	505	224	12000	1.60	RM	77R37	DRS	71S4	80	287
	7.0	445	197	12300	1.85						
	8.2	385	169	12500	2.1						
	9.3	340	149	12700	2.4						
	4.7	665	294	4670	0.90	R	67R37	DRS	71S4	43	287
	5.3	600	261	7550	1.00	RF	67R37	DRS	71S4	47	287
	5.9	535	234	8220	1.10	RM	67R37	DRS	71S4	62	287
	6.9	455	200	8930	1.30						
	3.1	1130	289.74	28100	2.6	R	97	DRS	71M6	110	277
	3.5	990	255.71	28200	3.0	RF	97	DRS	71M6	125	278
	3.8	940	241.25	28300	3.2	RM	97	DRS	71M6	175	278
	4.2	840	216.28	28400	3.6						
	3.7	960	246.54	20000	1.60						
	4.2	840	216.54	20000	1.85	R	87	DRS	71M6	67	274
	4.4	800	205.71	20000	1.95	RF	87	DRS	71M6	74	275
	5.0	705	181.77	20000	2.2	RM	87	DRS	71M6	105	275
	5.8	605	155.34	20000	2.6						
	6.4	555	142.41	20000	2.8						
	5.4	650	166.59	11200	1.25	R	77	DRS	71M6	41	271
	6.2	565	145.67	11700	1.45	RF	77	DRS	71M6	46	272
	6.5	540	138.39	11900	1.50	RM	77	DRS	71M6	71	272
	7.1	495	195.24*	12100	1.65						
	8.3	425	166.59	12400	1.90						
	9.5	370	145.67	12600	2.2	R	77	DRS	71S4	39	271
	10.0	350	138.39	12600	2.3	RF	77	DRS	71S4	45	272
	11	310	121.42	12800	2.6	RM	77	DRS	71S4	70	272
	13	260	102.99	12900	3.1						
	15	235	92.97	12900	3.4						
	5.7	615	158.14	7350	0.95	R	67	DRS	71M6	34	268
	6.6	535	137.67	8240	1.10	RF	67	DRS	71M6	37	269
	7.0	500	128.97	8550	1.20	RM	67	DRS	71M6	52	269
	7.9	440	113.94	9030	1.35						

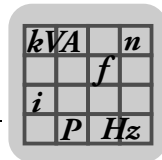


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.37	6.9	510	199.81	8480	1.15				
	7.5	470	184.07	8820	1.25				
	8.7	400	158.14	9300	1.50				
	10	350	137.67	9620	1.70				
	11	330	128.97	9740	1.80				
	12	290	113.94	9920	2.1	R 67	DRS 71S4	32	268
	13	270	105.83	10000	2.2	RF 67	DRS 71S4	35	269
	14	245	95.91	10100	2.4	RM 67	DRS 71S4	51	269
	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	500	128.77	6610	0.90	R 57	DRS 71M6	27	265
	7.5	470	120.63	7010	0.95	RF 57	DRS 71M6	30	266
	8.5	415	106.58	7250	1.10	RM 57	DRS 71M6	42	266
	9.1	385	98.99	7360	1.15				
	7.4	475	186.89	6980	0.95				
	8.0	440	172.17	7140	1.00				
	9.3	375	147.92	7380	1.20				
	11	325	128.77	7540	1.35				
	11	305	120.63	7610	1.45				
	13	270	106.58	7700	1.65	R 57	DRS 71S4	26	265
	14	250	98.99	7740	1.80	RF 57	DRS 71S4	29	266
15	225	89.71	7800	1.95	RM 57	DRS 71S4	41	266	
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	355	139.99	3490	0.85					
11	310	121.87	5350	0.95					
12	290	114.17	5460	1.05					
14	255	100.86	5620	1.15					
15	235	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	DRS 71S4	20	262	
21	164	64.21	5960	1.80	RF 47	DRS 71S4	20	263	
24	145	56.73	6010	2.1					
26	135	52.69	5990	2.2					
29	122	47.75	5820	2.4					
32	110	42.87	5650	2.7					
37	94	36.93	5410	3.2					
40	89	34.73	5310	3.4					
41	86	33.79	5270	2.8					
44	80	31.12	5140	2.8	R 47	DRS 71S4	20	262	
52	68	26.74	4920	4.4	RF 47	DRS 71S4	20	263	
59	60	23.28	4720	5.0					
63	56	21.81	4620	5.4					
15	230	90.77	4250	0.85	R 37	DRS 71S4	17	259	
16	215	84.61	4720	0.90	RF 37	DRS 71S4	18	260	
19	189	73.96	5070	1.05					
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	5580	1.60					
31	115	44.81	5480	1.75	R 37	DRS 71S4	17	259	
35	100	39.17	5280	2.00	RF 37	DRS 71S4	18	260	
38	94	36.72	5190	2.1					
43	83	32.40	5010	2.4					
48	74	28.73	4850	2.7					
57	62	24.42	4620	3.2					
49	72	28.32	4830	2.8					
53	67	26.03	4710	2.8	R 37	DRS 71S4	17	259	
62	57	22.27	4500	3.5	RF 37	DRS 71S4	18	260	
71	49	19.31	4320	4.0					
76	46	18.05	4230	4.3					

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

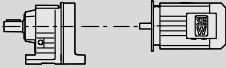

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]							
0.37	88	40	15.60	4050	5.0	R	37	DRS	71S4	17	259						
	104	34	13.25	3850	5.6												
	117	30	11.83	3720	6.0	RF	37	DRS	71S4	18	260						
	23	157	61.30	3870	0.85	R	27	DRS	71S4	11	256						
	25	143	55.87	3800	0.90												
	29	123	48.17	3680	1.05												
	31	115	44.90	3620	1.15												
	35	100	39.25	3510	1.30												
	38	94	36.79	3460	1.40												
	42	83	32.47	3350	1.55												
	48	74	28.78	3250	1.75												
	56	63	24.47	3110	2.1												
	49	73	28.37	3240	1.80							RF	27	DRS	71S4	11	257
	53	67	26.09	3170	1.95												
	62	57	22.32	3040	2.3												
	71	50	19.35	2920	2.6												
	76	46	18.08	2860	2.8												
	88	40	15.63	2750	3.2												
	104	34	13.28*	2620	3.8												
	36	99	38.61	770	0.85	R	17	DRS	71S4	10	253						
	38	93	36.20	1260	0.90												
	43	82	31.94	1910	1.05												
	49	72	28.32	1880	1.15												
	57	62	24.07	1830	1.40												
	55	65	25.23	1840	1.30	RF	17	DRS	71S4	9.8	253						
	60	59	23.15	1820	1.45												
	70	50	19.71	1760	1.70												
	81	44	16.99	1710	1.95												
	87	40	15.84	1680	2.1												
	100	35	13.84	1630	2.4												
	106	33	12.98	1610	2.6												
	121	29	11.45	1560	2.8												
	136	26	10.15	1520	3.0												
	160	22	8.63	1460	3.3												
	183	19	7.55	1370	2.9												
	196	18	7.04	1350	3.1												
	224	16	6.15	1300	3.4												
	239	15	5.76	1280	3.6												
	271	13	5.09	1240	3.9												
	306	12	4.51	1200	4.2												
	360	9.8	3.83	1140	4.6												
	75	47	18.31	1000	1.05							R	07	DRS	71S4	8.8	250
	82	43	16.73	980	1.15												
	98	36	14.12	960	1.40												
	114	31	12.06	940	1.60												
	123	29	11.18	930	1.75												
	143	25	9.67	900	2.0												
	153	23	9.01	890	2.2												
176	20	7.85	860	2.4													
185	19	7.48	860	2.2													
202	18	6.83	840	2.5													
239	15	5.76	810	2.7													
280	13	4.92	780	2.9													
302	12	4.57	765	3.1													
350	10	3.95	735	3.4													
375	9.4	3.68	720	3.5													
430	8.2	3.21	695	3.8													
274	13	9.67	780	3.9	RF	07	DR	63L2	7.0	250							
294	12	9.01	765	4.2													
337	10	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													
538	6.6	4.92	650	5.6													
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													

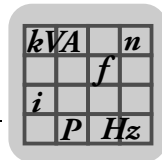


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
0.37	175	20	5.18	4560	3.7						
	200	18	4.53	4370	4.6	RX	67	DRS	71M6	20	240
	210	17	4.30*	4300	4.8	RXF	67	DRS	71M6	24	241
	240	15	3.77	4130	5.9						
	227	16	6.07	4200	2.8						
	267	13	5.18	3990	5.6						
	305	12	4.53	3820	7.1						
	321	11	4.30*	3760	7.3						
	366	9.7	3.77	3600	9.0	RX	67	DRS	71S4	19	240
	431	8.2	3.20*	3420	12	RXF	67	DRS	71S4	23	241
	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						
	208	17	4.35	3490	4.0	RX	57	DRS	71M6	17	238
	239	15	3.79	3340	4.7	RXF	57	DRS	71M6	19	239
	255	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	DRS	71S4	16	238
	474	7.5	2.91	2690	8.9	RXF	57	DRS	71S4	18	239
	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							
0.55	0.23	19500	6077	120000	0.90	R	167R97	DRS	71M4	760	287
	0.26	17300	5407	120000	1.05	RF	167R97	DRS	71M4	760	287
	0.30	14700	4650	120000	1.20	RM	167R97	DRS	71M4	960	287
	0.33	12800	4129	120000	1.40						
	0.28	16600	4926	26700	0.80						
	0.32	14400	4325	56500	0.90	R	147R77	DRS	71M4	425	287
	0.37	12600	3754	63300	1.05	RF	147R77	DRS	71M4	430	287
	0.42	11000	3302	66200	1.20	RM	147R77	DRS	71M4	600	287
	0.48	9670	2898	68200	1.35						
	0.54	8750	2555	69400	1.50						
	0.62	7580	2211	70800	1.70						
	0.71	6680	1951	71600	1.95	R	147R77	DRS	71M4	425	287
	0.81	5720	1705	72400	2.3	RF	147R77	DRS	71M4	430	287
	0.90	5120	1536	72900	2.5	RM	147R77	DRS	71M4	600	287
	1.0	4430	1329	73300	2.9						
	1.2	3850	1166	73600	3.4						
	0.56	8510	2484	51800	0.95	R	137R77	DRS	71M4	280	287
						RF	137R77	DRS	71M4	305	287
						RM	137R77	DRS	71M4	415	287
	0.52	9110	2658	47600	0.90						
	0.57	8260	2412	52800	0.95						
	0.67	7100	2073	55200	1.15						
	0.75	6210	1839	56700	1.30						
	0.86	5330	1598	58000	1.50	R	137R77	DRS	71M4	290	287
	0.99	4760	1397	58700	1.70	RF	137R77	DRS	71M4	315	287
	1.1	4150	1226	59300	1.90	RM	137R77	DRS	71M4	425	287
	1.3	3710	1090	59800	2.2						
	1.4	3240	951	60200	2.5						
	1.7	2770	831	60500	2.9						
	0.98	4750	1407	24800	0.90						
	1.1	4080	1209	30600	1.05						
	1.3	3560	1055	32900	1.20	R	107R77	DRS	71M4	200	287
1.5	3110	919	34600	1.40	RF	107R77	DRS	71M4	205	287	
1.7	2780	815	35600	1.55	RM	107R77	DRS	71M4	295	287	
1.9	2430	717	36300	1.75							
2.2	2120	626	36600	2.0							

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

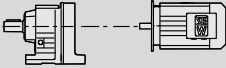

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.55	0.99	4730	1400	25600	0.90						
	1.1	4110	1226	30400	1.05	R	107R77	DRS	71M4	205	287
	1.2	3680	1104	32400	1.15	RF	107R77	DRS	71M4	210	287
	1.5	3170	939	34400	1.35	RM	107R77	DRS	71M4	300	287
	1.7	2750	822	35700	1.55						
	1.7	2820	824	22100	1.05						
	1.9	2530	737	23900	1.20						
	2.2	2160	632	25700	1.40						
	2.5	1880	560	26800	1.60	R	97R57	DRS	71M4	130	287
	2.8	1640	484	27400	1.85	RF	97R57	DRS	71M4	150	287
3.2	1480	431	27700	2.0	RM	97R57	DRS	71M4	200	287	
3.6	1300	379	27900	2.3							
4.1	1160	336	28100	2.6							
4.7	1010	296	28200	3.0							
5.5	840	249	28400	3.6							
2.6	1780	525	15000	0.85							
3.0	1550	456	16900	1.00	R	87R57	DRS	71M4	89	287	
3.5	1340	398	18200	1.15	RF	87R57	DRS	71M4	96	287	
3.9	1190	352	19000	1.30	RM	87R57	DRS	71M4	125	287	
4.5	1020	305	19700	1.50							
2.9	1660	472	16100	0.95	R	87R57	DRS	71M4	87	287	
3.4	1400	400	17900	1.10	RF	87R57	DRS	71M4	95	287	
3.8	1260	361	18700	1.25	RM	87R57	DRS	71M4	125	287	
5.0	970	276	6200	0.85	R	77R37	DRS	71M4	49	287	
5.8	820	236	9850	1.00	RF	77R37	DRS	71M4	55	287	
6.2	770	221	10300	1.05	RM	77R37	DRS	71M4	80	287	
7.4	645	186	11300	1.25							
3.2	1660	289.74	27400	1.80	R	97	DRS	80S6	110	277	
3.6	1460	255.71	27700	2.0	RF	97	DRS	80S6	130	278	
3.8	1380	241.25	27800	2.2	RM	97	DRS	80S6	180	278	
4.2	1240	216.28	28000	2.4							
4.8	1100	289.74	28100	2.7	R	97	DRS	71M4	110	277	
5.4	970	255.71	28200	3.1	RF	97	DRS	71M4	125	278	
5.7	910	241.25	28300	3.3	RM	97	DRS	71M4	175	278	
6.4	820	216.28	28400	3.6							
3.7	1410	246.54	17800	1.10	R	87	DRS	80S6	69	274	
4.2	1240	216.54	18800	1.25	RF	87	DRS	80S6	76	275	
4.4	1180	205.71	19100	1.30	RM	87	DRS	80S6	105	275	
5.0	1040	181.77	19700	1.50							
5.9	890	155.34	20000	1.75							
5.6	930	246.54	20000	1.65							
6.4	820	216.54	20000	1.90							
6.7	780	205.71	20000	2.00							
7.6	690	181.77	20000	2.2	R	87	DRS	71M4	67	274	
8.9	590	155.34	20000	2.6	RF	87	DRS	71M4	74	275	
9.7	540	142.41	20000	2.9	RM	87	DRS	71M4	105	275	
11	475	124.97	20000	3.3							
12	450	118.43*	20000	3.4							
13	390	103.65	20000	3.9							
8.3	630	166.59	11400	1.30							
9.5	550	145.67	11800	1.50							
10.0	525	138.39	12000	1.55							
11	460	121.42	12200	1.75	R	77	DRS	71M4	41	271	
13	390	102.99	12500	2.1	RF	77	DRS	71M4	46	272	
15	350	92.97	12600	2.3	RM	77	DRS	71M4	71	272	
17	310	81.80	12800	2.6							
18	290	77.24	12800	2.8							
21	250	65.77	12900	3.3							
8.7	600	158.14	7540	1.00							
10	520	137.67	8360	1.15							
11	490	128.97	8660	1.20							
12	430	113.94	9110	1.40							
13	400	105.83	9320	1.50	R	67	DRS	71M4	34	268	
14	365	95.91	9550	1.65	RF	67	DRS	71M4	37	269	
16	325	86.11	9750	1.85	RM	67	DRS	71M4	52	269	
19	280	74.17	9960	2.1							
20	265	69.75	10000	2.3							
23	230	61.26	10200	2.6							
24	215	56.89	10200	2.8							

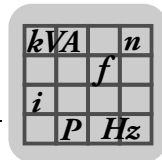


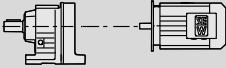

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.55	11	455	120.63	7060	1.00						
	13	405	106.58	7290	1.10						
	14	375	98.99	7390	1.20						
	15	340	89.71	7510	1.30						
	17	305	80.55	7610	1.45						
	20	260	69.23	7720	1.70	R	57	DRS	71M4	27	265
	21	245	64.85	7750	1.80	RF	57	DRS	71M4	30	266
	24	215	57.29	7500	2.1	RM	57	DRS	71M4	42	266
	26	200	53.22	7360	2.2						
	29	184	48.23	7160	2.4						
	32	165	43.30	6960	2.7						
	37	142	37.30*	6670	3.2						
	39	134	35.07	6560	3.4						
	52	100	26.31	6030	4.5	R	57	DRS	71M4	26	265
	55	95	24.99*	5940	4.7	RF	57	DRS	71M4	29	266
	63	84	21.93	5720	5.4	RM	57	DRS	71M4	41	266
	74	71	18.60*	5440	6.4						
	15	355	93.68	3610	0.85						
	16	320	84.90	5290	0.95						
	18	290	76.23	5470	1.05						
	20	260	68.54	5610	1.15						
	21	240	64.21	5690	1.25						
	24	215	56.73	5800	1.40	R	47	DRS	71M4	22	262
	26	200	52.69	5750	1.50	RF	47	DRS	71M4	22	263
	29	182	47.75	5610	1.65						
	32	163	42.87	5450	1.85						
	37	140	36.93	5240	2.1						
	40	132	34.73	5160	2.3						
	46	114	29.88	4950	2.6						
	52	102	26.74	4800	3.0	R	47	DRS	71M4	21	262
	59	89	23.28	4610	3.4	RF	47	DRS	71M4	21	263
	63	83	21.81	4520	3.6						
	23	230	61.18	4210	0.85						
	25	210	55.76	4780	0.95						
	29	183	48.08	5150	1.10						
	31	171	44.81	5220	1.15	R	37	DRS	71M4	18	259
	35	149	39.17	5050	1.35	RF	37	DRS	71M4	19	260
	38	140	36.72	4980	1.45						
	43	123	32.40	4820	1.60						
	48	109	28.73	4680	1.85						
57	93	24.42	4480	2.2							
62	85	22.27	4370	2.4							
71	74	19.31	4200	2.7							
76	69	18.05	4120	2.9	R	37	DRS	71M4	18	259	
88	59	15.60	3960	3.4	RF	37	DRS	71M4	19	260	
104	50	13.25	3780	3.8							
117	45	11.83	3650	4.1							
35	149	39.25	3270	0.85							
38	140	36.79	3230	0.95							
42	124	32.47	3150	1.05	R	27	DRS	71M4	12	256	
48	110	28.78	3070	1.20	RF	27	DRS	71M4	12	257	
56	93	24.47	2960	1.40							
62	85	22.32	2900	1.55							
71	74	19.35	2800	1.75							
76	69	18.08	2750	1.90							
88	60	15.63	2650	2.2							
104	50	13.28*	2540	2.6							
116	45	11.86	2460	2.9							
136	38	10.13	2360	3.2							
147	36	9.41	2280	3.4	R	27	DRS	71M4	12	256	
169	31	8.16	2190	3.7	RF	27	DRS	71M4	12	257	
181	29	7.63*	2150	3.9							
209	25	6.59	2070	4.2							
246	21	5.60*	1970	4.6							
276	19	5.00*	1910	5.0							
323	16	4.27	1820	5.3							
345	15	4.00*	1780	5.6							
410	13	3.37	1690	6.2							

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

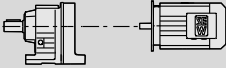

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B			m [kg]			
0.55	52	100	53.76	630	0.85						
	59	89	47.44	1530	0.95	R	17	DRS	71M2	11	253
	64	83	44.18	1600	1.05	RF	17	DRS	71M2	11	254
	73	72	38.61	1580	1.20						
	70	75	19.71	1580	1.15						
	81	65	16.99	1560	1.30						
	87	60	15.84	1540	1.40						
	100	53	13.84	1510	1.60						
	106	49	12.98	1490	1.70						
	121	44	11.45	1460	1.85						
	136	39	10.15	1430	2.00	R	17	DRS	71M4	11	253
	160	33	8.63	1380	2.2	RF	17	DRS	71M4	11	254
	183	29	7.55	1290	1.95						
	196	27	7.04	1270	2.0						
	224	23	6.15	1230	2.3						
	239	22	5.76	1220	2.4						
	271	19	5.09	1180	2.6						
	306	17	4.51	1150	2.8						
	360	15	3.83	1100	3.1						
	326	16	8.63	1160	4.5						
	372	14	7.55	1090	4.0	R	17	DRS	71M2	11	253
	399	13	7.04	1070	4.2	RF	17	DRS	71M2	11	254
	457	12	6.15	1040	4.7						
	153	34	18.31	810	1.45						
	168	31	16.73	795	1.60						
	199	26	14.12	775	1.90						
	233	22	12.06	755	2.2						
	251	21	11.18	745	2.4						
	291	18	9.67	725	2.8						
	312	17	9.01	715	3.0						
	358	15	7.85	690	3.3	R	07	DRS	71M2	10	250
	376	14	7.48	685	3.1	RF	07	DRS	71M2	10	251
	411	13	6.83	670	3.4						
	487	11	5.76	645	3.7						
	571	9.2	4.92	620	4.0						
	615	8.5	4.57	605	4.2						
	712	7.4	3.95	585	4.6						
	764	6.9	3.68	570	4.8						
	876	6.0	3.21	550	5.2						
	177	30	5.18	4480	2.5	RX	67	DRS	80S6	22	240
	202	26	4.53	4300	3.2	RXF	67	DRS	80S6	26	241
	213	25	4.30*	4230	3.2						
	243	22	3.77	4060	4.0						
	267	20	5.18	3950	3.8						
	305	17	4.53	3790	4.8						
	321	16	4.30*	3720	4.9						
	366	14	3.77	3570	6.0						
	431	12	3.20*	3390	8.2	RX	67	DRS	71M4	20	240
	478	11	2.89	3280	9.6	RXF	67	DRS	71M4	24	241
	543	9.7	2.54	3150	12						
	575	9.1	2.40*	3090	14						
	675	7.8	2.04	2940	17						
	743	7.1	1.86	2850	18						
	858	6.1	1.61	2720	19						
	210	25	4.35	3420	2.7						
	241	22	3.79	3280	3.2						
	258	20	3.55*	3220	3.4	RX	57	DRS	80S6	20	238
	292	18	3.14	3100	3.6	RXF	57	DRS	80S6	22	239
	314	17	2.91	3030	4.0						

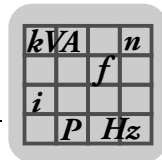


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
0.55	317	17	4.35	3020	4.1				
	364	14	3.79	2890	4.8				
	389	14	3.55*	2840	5.1				
	440	12	3.14	2730	5.5				
	474	11	2.91	2660	6.0				
	523	10	2.64*	2580	6.9	RX 57	DRS 71M4	17	238
	582	9.0	2.37	2500	7.7	RXF 57	DRS 71M4	19	239
	676	7.8	2.04	2380	8.8				
	719	7.3	1.92*	2330	9.4				
	835	6.3	1.65	2220	11				
935	5.6	1.48	2140	12					
1060	5.0	1.30	2060	13					
0.75	0.31	19800	4650	120000	0.90	R 167R97	DRE 80M4	760	287
	0.35	17300	4129	120000	1.05	RF 167R97	DRE 80M4	770	287
						RM 167R97	DRE 80M4	960	287
	0.54	11600	2657	120000	1.55	R 167R97	DRE 80M4	760	287
	0.62	10000	2333	120000	1.80	RF 167R97	DRE 80M4	760	287
	0.69	8880	2085	120000	2.0	RM 167R97	DRE 80M4	960	287
	1.0	6280	1438	120000	2.9				
	0.43	14600	3302	54100	0.90	R 147R77	DRE 80M4	430	287
	0.50	12800	2898	62900	1.00	RF 147R77	DRE 80M4	440	287
						RM 147R77	DRE 80M4	600	287
0.56	11600	2555	65300	1.10					
0.65	10000	2211	67700	1.30					
0.74	8860	1951	69300	1.45	R 147R77	DRE 80M4	430	287	
0.84	7610	1705	70700	1.70	RF 147R77	DRE 80M4	435	287	
0.93	6830	1536	71500	1.90	RM 147R77	DRE 80M4	600	287	
1.1	5910	1329	72300	2.2					
1.2	5150	1166	72800	2.5					
0.77	8370	1863	52400	0.95	R 137R77	DRE 80M4	285	287	
0.90	7090	1586	55200	1.15	RF 137R77	DRE 80M4	310	287	
1.0	6320	1391	56500	1.25	RM 137R77	DRE 80M4	420	287	
1.1	5680	1256	57500	1.40					
0.69	9410	2073	42400	0.85					
0.78	8260	1839	52800	0.95					
0.90	7110	1598	55200	1.10					
1.0	6320	1397	56500	1.25	R 137R77	DRE 80M4	295	287	
1.2	5520	1226	57700	1.45	RF 137R77	DRE 80M4	320	287	
1.3	4930	1090	58500	1.60	RM 137R77	DRE 80M4	430	287	
1.5	4300	951	59200	1.85					
1.7	3700	831	59800	2.2					
2.0	3220	730	60200	2.5					
1.4	4740	1055	25200	0.90	R 107R77	DRE 80M4	205	287	
1.6	4140	919	30300	1.05	RF 107R77	DRE 80M4	210	287	
1.8	3690	815	32400	1.15	RM 107R77	DRE 80M4	300	287	
1.5	4210	939	29900	1.00	R 107R77	DRE 80M4	210	287	
1.8	3670	822	32500	1.15	RF 107R77	DRE 80M4	215	287	
3.9	1640	369	37100	2.6	RM 107R77	DRE 80M4	305	287	
4.4	1430	323	37300	3.0					
2.3	2870	632	21800	1.05					
2.6	2510	560	24000	1.20					
3.0	2180	484	25600	1.40					
3.3	1960	431	26500	1.50	R 97R57	DRE 80M4	135	287	
3.8	1720	379	27300	1.75	RF 97R57	DRE 80M4	155	287	
4.3	1530	336	27600	1.95	RM 97R57	DRE 80M4	205	287	
4.8	1340	296	27900	2.2					
5.8	1120	249	28100	2.7					
3.6	1790	398	15000	0.85					
4.1	1580	352	16700	1.00	R 87R57	DRE 80M4	94	287	
4.7	1360	305	18100	1.15	RF 87R57	DRE 80M4	100	287	
5.4	1200	268	18900	1.30	RM 87R57	DRE 80M4	130	287	
6.1	1060	236	19600	1.45					
4.0	1660	361	16000	0.95	R 87R57	DRE 80M4	92	287	
4.8	1370	300	18000	1.10	RF 87R57	DRE 80M4	100	287	
5.6	1160	256	19100	1.35	RM 87R57	DRE 80M4	130	287	
3.7	1940	255.71	26600	1.55	R 97	DRE 90L6	120	277	
3.9	1830	241.25	27000	1.65	RF 97	DRE 90L6	135	278	
4.4	1640	216.28	27400	1.80	RM 97	DRE 90L6	190	278	

kVA	n
f	
i	P
	H _Z

R..DRE/DRS
R..DRE/DRS [kW]

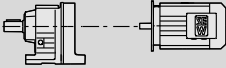

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B		m [kg]	
0.75	5.0	1440	289.74	27700	2.1			
	5.6	1270	255.71	27900	2.4			
	6.0	1200	241.25	28000	2.5	R 97	DRE 80M4	115 277
	6.6	1070	216.28	28100	2.8	RF 97	DRE 80M4	130 278
	7.7	920	186.30	28300	3.2	RM 97	DRE 80M4	180 278
	8.4	840	170.02	28400	3.5			
	4.3	1640	216.54	16200	0.95	R 87	DRE 90L6	79 274
	4.6	1560	205.71	16800	1.00	RF 87	DRE 90L6	86 275
	5.2	1380	181.77	18000	1.10	RM 87	DRE 90L6	115 275
	6.0	1180	155.34	19000	1.30	R 87	DRE 90L6	79 274
	6.6	1080	142.41	19500	1.45	RF 87	DRE 90L6	86 275
						RM 87	DRE 90L6	115 275
	5.8	1230	246.54	18800	1.25			
	6.6	1080	216.54	19500	1.45			
	7.0	1020	205.71	19700	1.50			
7.9	900	181.77	20000	1.70	R 87	DRE 80M4	72 274	
9.2	775	155.34	20000	2.0	RF 87	DRE 80M4	79 275	
10	710	142.41	20000	2.2	RM 87	DRE 80M4	110 275	
11	620	124.97	20000	2.5				
12	590	118.43*	20000	2.6				
14	515	103.65	20000	3.0				
15	465	93.38	20000	3.3				
8.6	830	166.59	9810	1.00	R 77	DRE 80M4	46 271	
9.8	725	145.67	10700	1.15	RF 77	DRE 80M4	52 272	
10	690	138.39	11000	1.20	RM 77	DRE 80M4	77 272	
12	605	121.42	11500	1.35				
14	510	102.99	12000	1.60				
15	460	92.97	12200	1.75				
18	405	81.80	12500	2.0	R 77	DRE 80M4	46 271	
19	385	77.24	12500	2.1	RF 77	DRE 80M4	52 272	
22	325	65.77	12700	2.5	RM 77	DRE 80M4	77 272	
25	285	57.68	12800	2.8				
28	255	52.07	12900	3.2				
31	225	45.81	13000	3.6				
33	215	43.26	13000	3.8				
11	640	128.97	7000	0.95				
13	565	113.94	7920	1.05				
14	525	105.83	8320	1.15				
15	475	95.91	8760	1.25				
17	425	86.11	9140	1.40	R 67	DRE 80M4	38 268	
19	370	74.17	9520	1.60	RF 67	DRE 80M4	42 269	
21	345	69.75	9640	1.70	RM 67	DRE 80M4	57 269	
23	305	61.26	9860	1.95				
25	280	56.89	9960	2.1				
28	255	51.56	10100	2.3				
31	230	46.29	10200	2.6				
13	530	106.58	5490	0.85				
14	490	98.99	6900	0.90				
16	445	89.71	7120	1.00	R 57	DRE 80M4	32 265	
18	400	80.55	7300	1.10	RF 57	DRE 80M4	35 266	
21	345	69.23	7470	1.30	RM 57	DRE 80M4	47 266	
22	320	64.85	7360	1.40				
25	285	57.29	7150	1.55				
27	265	53.22	7030	1.70				
30	240	48.23	6860	1.85				
33	215	43.30	6670	2.1	R 57	DRE 80M4	32 265	
38	186	37.30*	6420	2.4	RF 57	DRE 80M4	35 266	
41	175	35.07	6320	2.6	RM 57	DRE 80M4	47 266	
48	151	30.18	6060	3.0				
53	135	26.97	5880	3.3				
55	131	26.31	5840	3.4				
57	125	24.99*	5760	3.6	R 57	DRE 80M4	31 265	
65	109	21.93	5540	4.1	RF 57	DRE 80M4	34 266	
77	93	18.60*	5290	4.8	RM 57	DRE 80M4	46 266	
21	340	68.54	4460	0.90				
22	320	64.21	5300	0.95	R 47	DRE 80M4	27 262	
25	280	56.73	5510	1.05	RF 47	DRE 80M4	27 263	

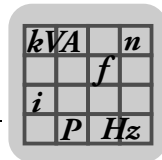


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m								
										[kg]								
0.75	27	260	52.69	5440	1.15	R RF	47 47	DRE DRE	80M4 80M4	27 27	262 263							
	30	235	47.75	5320	1.25													
	33	210	42.87	5190	1.40													
	39	184	36.93	5010	1.65													
	41	173	34.73	4930	1.75													
	48	149	29.88	4750	2.0													
	54	133	26.70	4610	2.2													
	61	118	23.59	4460	2.6													
	54	134	26.74	4610	2.2													
	62	116	23.28	4450	2.6													
	66	109	21.81	4370	2.8	R RF	47 47	DRE DRE	80M4 80M4	26 26	262 263							
	74	96	19.27	4220	3.1													
	80	89	17.89	4140	3.2													
	88	81	16.22	4020	3.4													
	30	240	48.08	3550	0.85													
	32	220	44.81	4480	0.90													
	37	196	39.17	4760	1.00													
	39	183	36.72	4700	1.10													
	44	162	32.40	4570	1.25	R RF	37 37	DRE DRE	80M4 80M4	23 24	259 260							
	50	143	28.73	4450	1.40													
	59	122	24.42	4280	1.65													
	64	111	22.27	4180	1.80													
	74	96	19.31	4040	2.1													
	80	90	18.05	3960	2.2													
	92	78	15.60	3810	2.6	R RF	37 37	DRE DRE	80M4 80M4	23 24	259 260							
	108	66	13.25	3650	2.9													
	121	59	11.83	3540	3.1													
	142	50	10.11	3380	3.4													
	152	47	9.47	3320	3.5													
	50	144	28.78	2860	0.90													
	59	122	24.47	2780	1.05													
	64	111	22.32	2730	1.15													
		74	97	19.35	2650							1.35	R RF	27 27	DRE DRE	80M4 80M4	17 17	256 257
		79	90	18.08	2610							1.45						
92		78	15.63	2520	1.65													
108		66	13.28*	2430	1.95													
121		59	11.86	2360	2.2													
142		50	10.13	2270	2.4													
152		47	9.41	2190	2.6													
176		41	8.16	2110	2.8													
188		38	7.63*	2070	2.9													
218		33	6.59	1990	3.2													
256		28	5.60*	1900	3.6													
287		25	5.00*	1850	3.8													
73		98	19.71	820	0.85													
84		85	16.99	1390	1.00													
	91	79	15.84	1380	1.10	R RF	17 17	DRE DRE	80M4 80M4	16 16	253 254							
	104	69	13.84	1370	1.25													
	111	65	12.98	1360	1.30													
	125	57	11.45	1340	1.40													
	141	51	10.15	1320	1.50													
	166	43	8.63	1280	1.65													
	190	38	7.55	1190	1.50													
	204	35	7.04	1180	1.55													
	233	31	6.15	1150	1.75													
	249	29	5.76	1140	1.85													
	282	25	5.09	1110	2.0													
	318	22	4.51	1080	2.1													
	374	19	3.83	1040	2.4													
		252	28	11.45	1180							2.8	R RF	17 17	DRE DRE	80M2 80M2	16 16	253 254
		285	25	10.15	1150							3.1						
		335	21	8.63	1110							3.4						
383		19	7.55	1040	3.0													
411		17	7.04	1020	3.2													
470		15	6.15	990	3.6													
501		14	5.76	980	3.7													
568		13	5.09	950	4.0													
641		11	4.51	920	4.3													
754		9.5	3.83	880	4.7													

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DRE/DRS [kW]

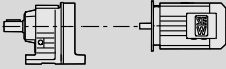

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.75	208	34	4.53	4210	2.4						
	219	33	4.30*	4140	2.4	RX	67	DRE	90L6	32	240
	249	29	3.77	3980	3.0	RXF	67	DRE	90L6	36	241
	294	24	3.20*	3780	4.1						
	277	26	5.18	3860	2.9						
	317	23	4.53	3700	3.6						
	334	22	4.30*	3640	3.7						
	380	19	3.77	3500	4.6						
	448	16	3.20*	3320	6.2						
	497	14	2.89	3220	7.4	RX	67	DRE	80M4	25	240
	565	13	2.54	3090	9.3	RXF	67	DRE	80M4	29	241
	598	12	2.40*	3030	10						
	702	10	2.04	2880	13						
	773	9.3	1.86	2790	14						
	892	8.0	1.61	2670	14						
	248	29	3.79	3200	2.4						
	265	27	3.55*	3140	2.6	RX	57	DRE	90L6	30	238
	300	24	3.14	3020	2.7	RXF	57	DRE	90L6	32	239
	323	22	2.91	2960	3.0						
	356	20	2.64*	2870	3.4						
330	22	4.35	2940	3.1							
379	19	3.79	2820	3.6							
404	18	3.55*	2770	3.9							
458	16	3.14	2660	4.1							
493	14	2.91	2600	4.6							
544	13	2.64*	2520	5.2	RX	57	DRE	80M4	22	238	
605	12	2.37	2440	5.8	RXF	57	DRE	80M4	24	239	
703	10	2.04	2330	6.8							
747	9.6	1.92*	2280	7.2							
869	8.2	1.65	2180	8.4							
972	7.4	1.48	2100	9.2							
1100	6.5	1.30	2020	9.7							
1.1	0.53	17600	2657	120000	1.00						
	0.61	15300	2333	120000	1.15						
	0.68	13600	2085	120000	1.30	R	167R97	DRE	90M4	760	287
	0.76	12100	1877	120000	1.50	RF	167R97	DRE	90M4	770	287
	0.85	10800	1670	120000	1.65	RM	167R97	DRE	90M4	960	287
	0.99	9540	1438	120000	1.90						
	1.1	8480	1279	120000	2.1						
	1.3	7390	1123	120000	2.4						
	0.64	15000	2211	49600	0.85						
	0.73	13200	1951	62100	1.00						
	0.83	11400	1705	65500	1.15						
	0.92	10300	1536	67300	1.25						
	1.1	8920	1329	69200	1.45	R	147R77	DRE	90M4	430	287
	1.2	7790	1166	70500	1.65	RF	147R77	DRE	90M4	440	287
	1.4	6850	1029	71500	1.90	RM	147R77	DRE	90M4	610	287
	1.6	5940	889	72300	2.2						
	1.8	5220	784	72800	2.5						
	2.0	4600	695	73200	2.8						
	1.0	9470	1391	41400	0.85						
	1.1	8530	1256	51700	0.95	R	137R77	DRE	90M4	290	287
	1.3	7480	1105	54500	1.05	RF	137R77	DRE	90M4	315	287
	1.4	7050	1043	55300	1.15	RM	137R77	DRE	90M4	425	287
	1.6	5980	888	57100	1.35						
	1.0	9490	1397	41100	0.85						
	1.2	8300	1226	52700	0.95						
	1.3	7400	1090	54600	1.10						
	1.5	6460	951	56300	1.25	R	137R77	DRE	90M4	300	287
	1.7	5580	831	57600	1.45	RF	137R77	DRE	90M4	325	287
	2.0	4870	730	58600	1.65	RM	137R77	DRE	90M4	435	287
	2.3	4160	629	59300	1.90						
2.5	3770	560	59700	2.1							
2.9	3250	490	60200	2.5							
2.0	4850	717	20800	0.90	R	107R77	DRE	90M4	210	287	
					RF	107R77	DRE	90M4	215	287	
					RM	107R77	DRE	90M4	300	287	

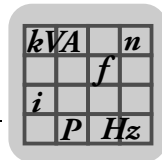


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
1.1	2.3	4090	614	30500	1.05						
	2.6	3610	544	32700	1.20						
	2.9	3260	492	34000	1.30						
	3.4	2760	417	35600	1.55	R	107R77	DRE	90M4	215	287
	3.8	2470	369	36200	1.75	RF	107R77	DRE	90M4	220	287
	4.4	2160	323	36600	2.00	RM	107R77	DRE	90M4	305	287
	5.0	1900	285	36900	2.3						
	5.6	1670	253	37100	2.6						
	3.3	2940	431	21300	1.00						
	3.7	2580	379	23600	1.15						
4.2	2290	336	25100	1.30	R	97R57	DRE	90M4	140	287	
4.8	2010	296	26300	1.50	RF	97R57	DRE	90M4	160	287	
5.7	1680	249	27400	1.80	RM	97R57	DRE	90M4	210	287	
6.1	1570	234	27500	1.90							
6.8	1400	209	27800	2.1							
5.3	1810	268	13600	0.85	R	87R57	DRE	90M4	99	287	
6.0	1600	236	16600	0.95	RF	87R57	DRE	90M4	105	287	
6.8	1400	209	17900	1.10	RM	87R57	DRE	90M4	135	287	
5.6	1750	256	15300	0.90	R	87R57	DRE	90M4	97	287	
6.1	1590	232	16600	0.95	RF	87R57	DRE	90M4	105	287	
7.3	1340	195	18200	1.15	RM	87R57	DRE	90M4	135	287	
4.4	2410	216.28	24500	1.25	R	97	DRE	100M6	125	277	
5.0	2080	186.30	26100	1.45	RF	97	DRE	100M6	140	278	
					RM	97	DRE	100M6	195	278	
5.6	1890	255.71	26800	1.60							
5.9	1780	241.25	27200	1.70							
6.6	1590	216.28	27500	1.90							
7.6	1370	186.30	27800	2.2	R	97	DRE	90M4	115	277	
8.4	1250	170.02	28000	2.4	RF	97	DRE	90M4	135	278	
9.4	1110	150.78	28100	2.7	RM	97	DRE	90M4	185	278	
11	930	126.75	28300	3.2							
12	860	116.48	28300	3.5							
6.6	1600	216.54	16600	0.95	R	87	DRE	90M4	76	274	
6.9	1520	205.71	17100	1.00	RF	87	DRE	90M4	83	275	
7.8	1340	181.77	18200	1.15	RM	87	DRE	90M4	115	275	
9.1	1140	155.34	19200	1.35							
10.0	1050	142.41	19600	1.45							
11	920	124.97	20000	1.70							
12	870	118.43*	20000	1.75							
14	765	103.65	20000	2.0	R	87	DRE	90M4	76	274	
15	690	93.38	20000	2.2	RF	87	DRE	90M4	83	275	
17	605	81.92	20000	2.6	RM	87	DRE	90M4	115	275	
20	535	72.57	20000	2.9							
22	470	63.68*	20000	3.3							
24	445	60.35*	20000	3.5							
27	390	52.82	20000	4.0							
12	890	121.42	9130	0.90	R	77	DRE	90M4	50	271	
14	760	102.99	10400	1.10	RF	77	DRE	90M4	55	272	
15	685	92.97	11000	1.20	RM	77	DRE	90M4	80	272	
17	605	81.80	11500	1.35							
18	570	77.24	11700	1.45							
22	485	65.77	12100	1.70							
25	425	57.68	12400	1.90	R	77	DRE	90M4	50	271	
27	385	52.07	12500	2.1	RF	77	DRE	90M4	55	272	
31	335	45.81	12700	2.4	RM	77	DRE	90M4	80	272	
33	320	43.26	12700	2.6							
39	270	36.83	12900	3.0							
42	245	33.47	12900	3.3							
16	635	86.11	7090	0.95							
19	545	74.17	8120	1.10							
20	515	69.75	8440	1.15							
23	450	61.26	8960	1.30							
25	420	56.89	9200	1.45	R	67	DRE	90M4	43	268	
28	380	51.56	9450	1.55	RF	67	DRE	90M4	47	269	
31	340	46.29	9670	1.75	RM	67	DRE	90M4	62	269	
36	295	39.88*	9910	1.95							
38	275	37.50	9980	2.0							
44	235	32.27	10100	2.3							
49	210	28.83	10200	2.4							

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DRE/DRS [kW]

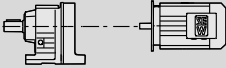

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						R	RF	RM	DRE 90M4		
1.1	50	205	28.13	10200	2.6						
	53	198	26.72	10100	2.7	R	67		DRE 90M4	42	268
	61	173	23.44	9690	3.2	RF	67		DRE 90M4	46	269
	71	147	19.89	9230	4.1	RM	67		DRE 90M4	61	269
	21	510	69.23	6260	0.90	R	57		DRE 90M4	37	265
	22	475	64.85	6830	0.95	RF	57		DRE 90M4	40	266
	25	420	57.29	6690	1.05	RM	57		DRE 90M4	52	266
	27	390	53.22	6600	1.15						
	29	355	48.23	6470	1.25						
	33	320	43.30	6330	1.40	R	57		DRE 90M4	37	265
	38	275	37.30*	6120	1.65	RF	57		DRE 90M4	40	266
	40	255	35.07	6040	1.75	RM	57		DRE 90M4	52	266
	47	220	30.18	5830	2.0						
	53	200	26.97	5670	2.3						
	54	195	26.31	5630	2.3						
	57	185	24.99*	5560	2.4	R	57		DRE 90M4	36	265
	65	162	21.93	5380	2.8	RF	57		DRE 90M4	39	266
	76	138	18.60*	5150	3.3	RM	57		DRE 90M4	51	266
	85	124	16.79	5000	3.6						
	30	350	47.75	3810	0.85						
	33	315	42.87	4840	0.95						
	38	270	36.93	4700	1.10	R	47		DRE 90M4	32	262
	41	255	34.73	4650	1.15	RF	47		DRE 90M4	32	263
	48	220	29.88	4510	1.35						
	53	198	26.70	4400	1.50						
	60	174	23.59	4270	1.70						
	61	172	23.28	4260	1.75						
	65	161	21.81	4190	1.85						
	74	142	19.27	4070	2.1						
	79	132	17.89	4000	2.2						
	88	120	16.22	3900	2.3	R	47		DRE 90M4	31	262
	98	108	14.56	3790	2.5	RF	47		DRE 90M4	31	263
	113	93	12.54	3640	2.7						
	120	87	11.79	3580	2.8						
	140	75	10.15	3430	3.1						
	157	67	9.07	3320	3.3						
	44	235	32.40	2950	0.85	R	37		DRE 90M4	27	259
	49	210	28.73	3340	0.95	RF	37		DRE 90M4	29	260
	58	181	24.42	3750	1.10						
	74	143	19.31	3830	1.40	R	37		DRE 90M4	27	259
	79	134	18.05	3780	1.50	RF	37		DRE 90M4	28	260
	91	115	15.60	3650	1.75						
	107	98	13.25	3510	1.95						
	120	88	11.83	3410	2.1						
	140	75	10.11	3280	2.3						
	150	70	9.47	3220	2.4	R	37		DRE 90M4	27	259
	178	59	7.97	3080	2.6	RF	37		DRE 90M4	28	260
	213	49	6.67	2910	2.9						
	251	42	5.67	2780	3.4						
	281	37	5.06	2690	3.6						
	73	143	19.35	2430	0.90						
	79	134	18.08	2410	0.95						
	91	116	15.63	2350	1.10						
	107	98	13.28*	2280	1.30						
	120	88	11.86	2230	1.45						
	140	75	10.13	2160	1.65						
	151	70	9.41	2070	1.75						
	174	60	8.16	2000	1.90	R	27		DRE 90M4	21	256
	186	56	7.63*	1980	2.00	RF	27		DRE 90M4	21	257
	215	49	6.59	1910	2.2						
	254	41	5.60*	1840	2.4						
	284	37	5.00*	1780	2.6						
	332	32	4.27	1710	2.8						
	355	30	4.00*	1680	2.9						
	421	25	3.37	1610	3.2						

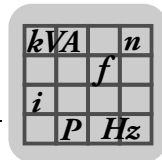


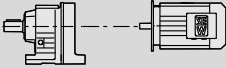

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
1.1	216	49	13.28*	1950	2.7						
	242	43	11.86	1890	3.0						
	283	37	10.13	1820	3.3						
	305	34	9.41	1750	3.6						
	352	30	8.16	1690	3.9						
	376	28	7.63*	1660	4.0	R	27	DRE	90M2	21	256
	435	24	6.59	1590	4.4	RF	27	DRE	90M2	21	257
	512	20	5.60*	1520	4.8						
	574	18	5.00*	1470	5.2						
	672	16	4.27	1410	5.6						
	718	15	4.00*	1380	5.8						
	852	12	3.37	1310	6.4						
	252	42	5.63	5650	2.6	RX	77	DRE	90M4	40	242
	265	40	5.35*	5560	2.6	RXF	77	DRE	90M4	42	243
	300	35	4.73	5360	3.5						
	249	42	3.77	3900	2.1	RX	67	DRE	100M6	37	240
						RXF	67	DRE	100M6	41	241
	314	34	4.53	3640	2.4						
	330	32	4.30*	3590	2.5						
	376	28	3.77	3450	3.1						
444	24	3.20*	3280	4.2							
492	21	2.89	3180	5.0	RX	67	DRE	90M4	30	240	
559	19	2.54	3060	6.3	RXF	67	DRE	90M4	34	241	
592	18	2.40*	3000	6.9							
695	15	2.04	2860	8.9							
765	14	1.86	2770	9.2							
883	12	1.61	2650	9.6							
1015	10	1.40*	2530	10							
300	35	3.14	2940	1.85	RX	57	DRE	100M6	35	238	
356	30	2.64*	2800	2.3	RXF	57	DRE	100M6	37	239	
375	28	3.79	2770	2.5							
400	26	3.55*	2720	2.6							
453	23	3.14	2620	2.8							
487	22	2.91	2560	3.1							
538	20	2.64*	2490	3.5	RX	57	DRE	90M4	27	238	
599	18	2.37	2410	3.9	RXF	57	DRE	90M4	29	239	
696	15	2.04	2300	4.6							
740	14	1.92*	2260	4.9							
859	12	1.65	2160	5.7							
962	11	1.48	2080	6.2							
1090	9.6	1.30	2000	6.6							
1.5	0.61	21100	2333	120000	0.85						
	0.69	18700	2085	120000	0.95						
	0.76	16700	1877	120000	1.05	R	167R97	DRE	90L4	760	287
	0.86	14900	1670	120000	1.20	RF	167R97	DRE	90L4	770	287
	0.99	13000	1438	120000	1.40	RM	167R97	DRE	90L4	960	287
	1.1	11600	1279	120000	1.55						
	1.3	10100	1123	120000	1.75						
	1.4	9040	999	120000	2.00						
	3.4	3850	426	73600	3.4	R	147R87	DRE	90L4	455	287
	3.9	3330	368	73900	3.9	RF	147R87	DRE	90L4	465	287
						RM	147R87	DRE	90L4	630	287
	0.84	15600	1705	41200	0.85						
	0.93	14100	1536	60300	0.90						
	1.1	12200	1329	64200	1.05						
	1.2	10600	1166	66800	1.20	R	147R77	DRE	90L4	435	287
	1.4	9380	1029	68600	1.40	RF	147R77	DRE	90L4	445	287
	1.6	8130	889	70200	1.60	RM	147R77	DRE	90L4	610	287
	1.8	7150	784	71200	1.80						
	2.1	6320	695	71900	2.1						
	2.3	5690	619	72400	2.3						
2.6	5120	558	72900	2.5							
1.4	9620	1043	38400	0.85	R	137R77	DRE	90L4	295	287	
1.6	8170	888	53000	1.00	RF	137R77	DRE	90L4	315	287	
2.0	6400	699	56400	1.25	RM	137R77	DRE	90L4	430	287	
2.4	5550	609	57700	1.45							

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DRE/DRS [kW]

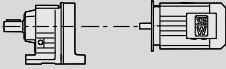

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	1.3	10000	1090	27000	0.80						
	1.5	8800	951	50500	0.90						
	1.7	7630	831	54200	1.05						
	2.0	6670	730	55900	1.20						
	2.3	5710	629	57400	1.40	R	137R77	DRE	90L4	300	287
	2.6	5150	560	58200	1.55	RF	137R77	DRE	90L4	325	287
	2.9	4460	490	59000	1.80	RM	137R77	DRE	90L4	435	287
	3.3	3890	428	59600	2.0						
	3.8	3500	381	59900	2.3						
	4.4	2970	323	60400	2.7						
	2.7	4830	528	21700	0.90	R	107R77	DRE	90L4	210	287
						RF	107R77	DRE	90L4	215	287
						RM	107R77	DRE	90L4	305	287
	2.6	4950	544	15700	0.85						
	2.9	4470	492	28500	0.95	R	107R77	DRE	90L4	215	287
3.4	3790	417	31900	1.15	RF	107R77	DRE	90L4	220	287	
3.9	3380	369	33600	1.25	RM	107R77	DRE	90L4	310	287	
4.4	2960	323	35100	1.45							
3.0	4400	469	28900	1.00	R	107R77	DRE	90L4	210	287	
					RF	107R77	DRE	90L4	215	287	
					RM	107R77	DRE	90L4	305	287	
4.2	3120	336	14100	0.95							
4.8	2740	296	22700	1.10	R	97R57	DRE	90L4	145	287	
5.7	2300	249	25100	1.30	RF	97R57	DRE	90L4	160	287	
6.1	2140	234	25800	1.40	RM	97R57	DRE	90L4	210	287	
6.8	1920	209	26700	1.55							
3.7	3820	251.15	31800	1.10							
4.1	3500	229.95	33200	1.25	R	107	DRE	100L6	185	279	
4.6	3090	203.16	34600	1.40	RF	107	DRE	100L6	190	280	
5.4	2620	172.34	36000	1.65	RM	107	DRE	100L6	280	280	
5.9	2410	158.68	36300	1.80							
6.6	2160	141.83	36600	2.00							
5.6	2560	255.71	23700	1.15							
5.9	2410	241.25	24500	1.25							
6.6	2160	216.28	25700	1.40							
7.7	1860	186.30	26900	1.60							
8.4	1700	170.02	27300	1.75	R	97	DRE	90L4	120	277	
9.5	1510	150.78	27600	2.00	RF	97	DRE	90L4	135	278	
11	1260	126.75	27900	2.4	RM	97	DRE	90L4	190	278	
12	1160	116.48	28100	2.6							
14	1030	103.44	28200	2.9							
15	920	92.48	28300	3.2							
7.9	1820	181.77	13200	0.85							
9.2	1550	155.34	16900	1.00	R	87	DRE	90L4	79	274	
10	1420	142.41	17700	1.10	RF	87	DRE	90L4	86	275	
11	1250	124.97	18700	1.25	RM	87	DRE	90L4	115	275	
12	1180	118.43*	19000	1.30							
14	1030	103.65	19700	1.50							
15	930	93.38	20000	1.65							
17	820	81.92	20000	1.90							
20	725	72.57	20000	2.1							
22	635	63.68*	20000	2.4	R	87	DRE	90L4	79	274	
24	600	60.35*	20000	2.6	RF	87	DRE	90L4	86	275	
27	525	52.82	20000	2.9	RM	87	DRE	90L4	115	275	
30	475	47.58	20000	3.2							
34	415	41.74	20000	3.7							
39	365	36.84*	19500	4.2							
15	930	92.97	8750	0.90	R	77	DRE	90L4	52	271	
17	810	81.80	9930	1.00	RF	77	DRE	90L4	58	272	
19	770	77.24	10300	1.05	RM	77	DRE	90L4	83	272	
22	655	65.77	11200	1.25							
25	575	57.68	11700	1.40							
27	520	52.07	12000	1.55							
31	455	45.81	12300	1.80							
33	430	43.26	12400	1.90	R	77	DRE	90L4	52	271	
39	365	36.83	12600	2.2	RF	77	DRE	90L4	58	272	
43	335	33.47	12700	2.4	RM	77	DRE	90L4	83	272	
49	290	29.00	12500	2.8							
57	250	25.23	12000	3.1							

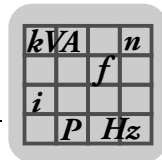


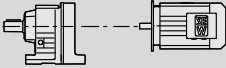

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						R	RF	RM	DRE 90L4		
1.5	61	230	23.37	11700	3.5	R	77		DRE 90L4	51	271
	67	210	21.43	11400	3.8	RF	77		DRE 90L4	57	272
	76	188	18.80	11000	4.1	RM	77		DRE 90L4	82	272
	23	610	61.26	7390	1.00						
	25	565	56.89	7900	1.05						
	28	515	51.56	8440	1.15						
	31	460	46.29	8880	1.30	R	67		DRE 90L4	46	268
	36	395	39.88*	9340	1.45	RF	67		DRE 90L4	49	269
	38	375	37.50	9490	1.50	RM	67		DRE 90L4	65	269
	44	320	32.27	9770	1.65						
	50	285	28.83	9930	1.80						
	51	280	28.13	9950	1.90						
	54	265	26.72	9810	2.0	R	67		DRE 90L4	45	268
	61	230	23.44	9460	2.4	RF	67		DRE 90L4	48	269
	72	199	19.89	9030	3.0	RM	67		DRE 90L4	64	269
	80	180	17.95	8770	3.3						
	27	530	53.22	5450	0.85	R	57		DRE 90L4	39	265
	30	480	48.23	6000	0.95	RF	57		DRE 90L4	43	266
	33	430	43.30	5900	1.05	RM	57		DRE 90L4	55	266
	38	370	37.30*	5760	1.20						
	41	350	35.07	5690	1.30	R	57		DRE 90L4	39	265
	47	300	30.18	5530	1.50	RF	57		DRE 90L4	43	266
	53	270	26.97	5400	1.65	RM	57		DRE 90L4	55	266
	54	260	26.31	5370	1.70						
	57	250	24.99*	5310	1.80						
	65	215	21.93	5160	2.0	R	57		DRE 90L4	38	265
	77	186	18.60*	4960	2.4	RF	57		DRE 90L4	42	266
	85	168	16.79	4840	2.7	RM	57		DRE 90L4	54	266
	97	148	14.77*	4680	2.9						
	103	140	13.95*	4610	3.1						
	120	119	11.88	4420	3.4						
	39	365	36.93	2750	0.80						
	41	345	34.73	4130	0.85	R	47		DRE 90L4	34	262
	48	295	29.88	4210	1.00	RF	47		DRE 90L4	34	263
	54	265	26.70	4130	1.10						
	61	235	23.59	4040	1.25						
	61	230	23.28	4030	1.30						
	66	215	21.81	3980	1.35						
	74	193	19.27	3870	1.55						
	80	179	17.89	3810	1.60						
	88	162	16.22	3730	1.70						
	98	146	14.56	3640	1.80						
	114	126	12.54	3510	2.00						
	121	118	11.79	3460	2.1						
	141	102	10.15	3330	2.3	R	47		DRE 90L4	33	262
	158	91	9.07	3230	2.4	RF	47		DRE 90L4	34	263
	178	80	8.01	3120	2.6						
	184	78	7.76*	3050	2.1						
205	70	6.96	2970	2.3							
238	60	6.00	2850	2.6							
254	56	5.64*	2800	2.7							
295	49	4.85	2690	3.1							
330	43	4.34	2600	3.4							
373	38	3.83	2510	3.8							
74	193	19.31	2700	1.05	R	37		DRE 90L4	29	259	
79	181	18.05	2880	1.10	RF	37		DRE 90L4	31	260	
92	156	15.60	3190	1.30							
108	133	13.25	3340	1.45							
121	118	11.83	3260	1.55							
141	101	10.11	3140	1.70							
151	95	9.47	3100	1.75							
179	80	7.97	2970	1.95							
214	67	6.67	2810	2.2	R	37		DRE 90L4	29	259	
252	57	5.67	2700	2.5	RF	37		DRE 90L4	31	260	
283	51	5.06	2620	2.7							
331	43	4.32	2510	2.9							
353	40	4.05	2460	3.0							
419	34	3.41	2350	3.3							

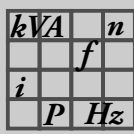
kVA	n
f	
i	P Hz

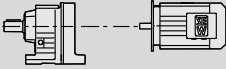

R..DRE/DRS
R..DRE/DRS [kW]

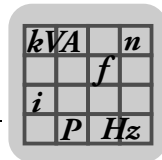
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	214	67	13.25	2840	2.8						
	239	60	11.83	2760	3.1	R	37	DRE	90M2	27	259
	280	51	10.11	2640	3.3	RF	37	DRE	90M2	28	260
	299	48	9.47	2600	3.5						
	355	40	7.97	2480	3.9						
	91	157	15.63	1740	0.85						
	108	133	13.28*	2050	1.00						
	121	119	11.86	2070	1.10						
	141	101	10.13	2020	1.20						
	175	82	8.16	1880	1.40						
188	76	7.63*	1860	1.45	R	27	DRE	90L4	24	256	
217	66	6.59	1810	1.60	RF	27	DRE	90L4	23	257	
255	56	5.60*	1750	1.75							
286	50	5.00*	1700	1.90							
335	43	4.27	1640	2.0							
358	40	4.00*	1620	2.1							
424	34	3.37	1550	2.3							
239	60	11.86	1820	2.2							
279	51	10.13	1750	2.4							
347	41	8.16	1630	2.8							
371	39	7.63*	1600	2.9							
429	33	6.59	1550	3.2	R	27	DRE	90M2	21	256	
505	28	5.60*	1480	3.5	RF	27	DRE	90M2	21	257	
566	25	5.00*	1440	3.8							
663	22	4.27	1380	4.0							
708	20	4.00*	1360	4.2							
840	17	3.37	1290	4.6							
254	56	5.63	5560	1.95							
267	54	5.35*	5470	1.90							
302	47	4.73	5270	2.6							
354	40	4.04*	5030	3.5							
386	37	3.70	4900	4.1	RX	77	DRE	90L4	42	242	
440	33	3.25*	4700	5.6	RXF	77	DRE	90L4	45	243	
464	31	3.08*	4620	6.2							
530	27	2.70	4430	8.0							
589	24	2.43	4290	8.8							
316	45	4.53	3560	1.80							
333	43	4.30*	3510	1.85							
379	38	3.77	3380	2.3							
447	32	3.20*	3220	3.1							
495	29	2.89	3120	3.7	RX	67	DRE	90L4	32	240	
563	26	2.54	3010	4.6	RXF	67	DRE	90L4	36	241	
596	24	2.40*	2950	5.1							
700	20	2.04	2810	6.5							
770	19	1.86	2730	6.8							
889	16	1.61	2610	7.1							
1020	14	1.40*	2500	7.4							
377	38	3.79	2690	1.80							
403	36	3.55*	2640	1.95							
456	31	3.14	2550	2.1							
491	29	2.91	2500	2.3							
542	26	2.64*	2430	2.6							
603	24	2.37	2350	2.9	RX	57	DRE	90L4	30	238	
700	20	2.04	2250	3.4	RXF	57	DRE	90L4	32	239	
745	19	1.92*	2210	3.6							
866	16	1.65	2120	4.2							
969	15	1.48	2040	4.6							
1095	13	1.30	1970	4.8							
2.2	0.85	22300	1670	120000	0.80						
	0.99	19400	1438	120000	0.90						
	1.1	17300	1279	120000	1.05						
	1.3	15100	1123	120000	1.20	R	167R97	DRE	100M4	770	287
	1.4	13400	999	120000	1.35	RF	167R97	DRE	100M4	770	287
	1.6	11600	861	120000	1.55	RM	167R97	DRE	100M4	970	287
	1.9	10200	760	120000	1.75						
	2.2	8620	656	120000	2.1						



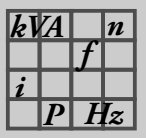
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B				m [kg]	
2.2	2.7	7110	533	71200	1.85					
	3.1	6120	462	72100	2.1	R	147R87	DRE	100M4	460 287
	3.3	5750	426	72400	2.3	RF	147R87	DRE	100M4	470 287
	3.9	4970	368	73000	2.6	RM	147R87	DRE	100M4	640 287
	4.4	4390	326	73300	3.0					
	1.2	15800	1166	38600	0.80					
	1.4	13900	1029	60600	0.95					
	1.6	12000	889	64400	1.10					
	1.8	10600	784	66800	1.20	R	147R77	DRE	100M4	440 287
	2.0	9410	695	68600	1.40	RF	147R77	DRE	100M4	450 287
	2.3	8450	619	69800	1.55	RM	147R77	DRE	100M4	610 287
	2.6	7600	558	70700	1.70					
	2.9	6650	489	71600	1.95					
	2.0	9510	699	40600	0.85	R	137R77	DRE	100M4	300 287
	2.3	8260	609	52800	0.95	RF	137R77	DRE	100M4	320 287
						RM	137R77	DRE	100M4	435 287
	2.0	9920	730	31700	0.80					
	2.3	8510	629	51800	0.95					
	2.5	7640	560	54100	1.05					
	2.9	6640	490	56000	1.20	R	137R77	DRE	100M4	305 287
	3.3	5790	428	57300	1.40	RF	137R77	DRE	100M4	330 287
	3.7	5200	381	58100	1.55	RM	137R77	DRE	100M4	440 287
	4.4	4410	323	59100	1.80					
	4.9	3970	291	59500	2.0					
	5.6	3470	255	60000	2.3					
	6.4	3040	223	60300	2.6					
	4.4	4400	323	28900	1.00					
	5.0	3870	285	31600	1.10	R	107R77	DRE	100M4	220 287
	5.6	3420	253	33400	1.25	RF	107R77	DRE	100M4	225 287
	6.6	2900	214	35200	1.50	RM	107R77	DRE	100M4	315 287
	4.4	4490	325	28400	0.95	R	107R77	DRE	100M4	215 287
						RF	107R77	DRE	100M4	220 287
						RM	107R77	DRE	100M4	310 287
	6.8	2840	209	22000	1.05	R	97R57	DRE	100M4	150 287
						RF	97R57	DRE	100M4	165 287
						RM	97R57	DRE	100M4	215 287
	4.7	4460	203.16	28500	0.95	R	107	DRE	112M6	195 279
	5.5	3790	172.34	32000	1.15	RF	107	DRE	112M6	200 280
	6.0	3490	158.68	33200	1.25	RM	107	DRE	112M6	290 280
	6.7	3120	141.83	34600	1.40					
	5.7	3700	251.15	32300	1.15	R	107	DRE	100M4	185 279
	6.2	3390	229.95	33600	1.25	RF	107	DRE	100M4	190 280
	7.0	2990	203.16	35000	1.45	RM	107	DRE	100M4	275 280
	8.3	2540	172.34	36100	1.70					
	9.0	2330	158.68	36400	1.85					
	10	2090	141.83	36700	2.1	R	107	DRE	100M4	185 279
	11	1880	127.68	36900	2.3	RF	107	DRE	100M4	190 280
	12	1700	115.63	37100	2.5	RM	107	DRE	100M4	275 280
	14	1510	102.53	37200	2.8					
	15	1360	92.70	37300	3.2					
	6.6	3180	216.28	10200	0.95	R	97	DRE	100M4	125 277
	7.6	2740	186.30	22700	1.10	RF	97	DRE	100M4	140 278
	8.4	2500	170.02	24000	1.20	RM	97	DRE	100M4	195 278
	9.4	2220	150.78	25400	1.35					
	11	1860	126.75	26900	1.60					
	12	1710	116.48	27300	1.75					
	14	1520	103.44	27600	1.95					
	15	1360	92.48	27800	2.2	R	97	DRE	100M4	125 277
	17	1220	83.15	28000	2.4	RF	97	DRE	100M4	140 278
	20	1060	72.17	28200	2.8	RM	97	DRE	100M4	195 278
	22	960	65.21	27600	3.1					
	24	880	59.92	26900	3.4					
	27	780	53.21	26000	3.8					
	30	700	47.58	25200	4.3					
	11	1840	124.97	11700	0.85					
	12	1740	118.43*	15400	0.90	R	87	DRE	100M4	84 274
	14	1520	103.65	17100	1.00	RF	87	DRE	100M4	91 275
	15	1370	93.38	18000	1.15	RM	87	DRE	100M4	120 275
	17	1200	81.92	18900	1.30					


R..DRE/DRS
R..DRE/DRS [kW]

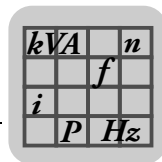
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
2.2	20	1060	72.57	19600	1.45						
	22	930	63.68*	20000	1.65						
	24	880	60.35*	20000	1.75						
	27	775	52.82	20000	2.00	R	87	DRE	100M4	84	274
	30	700	47.58	20000	2.2	RF	87	DRE	100M4	91	275
	34	615	41.74	19800	2.5	RM	87	DRE	100M4	120	275
	39	540	36.84*	19100	2.8						
	44	480	32.66*	18500	3.2						
	41	505	34.40*	18800	3.0						
	45	460	31.40	18300	3.4	R	87	DRE	100M4	82	274
	51	410	27.84*	17600	3.8	RF	87	DRE	100M4	89	275
	61	345	23.40	16700	4.5	RM	87	DRE	100M4	120	275
	66	315	21.51	16300	4.7						
	22	960	65.77	6520	0.85	R	77	DRE	100M4	57	271
	25	850	57.68	9630	0.95	RF	77	DRE	100M4	63	272
	27	765	52.07	10400	1.05	RM	77	DRE	100M4	88	272
	31	675	45.81	11100	1.20						
	33	635	43.26	11300	1.30						
	39	540	36.83	11900	1.50	R	77	DRE	100M4	57	271
	43	490	33.47	12100	1.65	RF	77	DRE	100M4	63	272
49	425	29.00	12100	1.90	RM	77	DRE	100M4	88	272	
56	370	25.23	11600	2.1							
61	340	23.37	11400	2.4							
66	315	21.43	11100	2.6	R	77	DRE	100M4	56	271	
76	275	18.80	10700	2.8	RF	77	DRE	100M4	61	272	
80	260	17.82*	10600	3.0	RM	77	DRE	100M4	86	272	
91	225	15.60	10200	3.2							
101	205	14.05	9880	3.5							
36	585	39.88*	7700	1.00	R	67	DRE	100M4	51	268	
38	550	37.50	8080	1.05	RF	67	DRE	100M4	54	269	
44	475	32.27	8790	1.15	RM	67	DRE	100M4	70	269	
49	425	28.83	9170	1.20							
61	345	23.44	9110	1.60							
72	290	19.89	8740	2.0							
79	260	17.95	8510	2.2							
90	230	15.79	8220	2.4	R	67	DRE	100M4	50	268	
96	215	14.91	8090	2.5	RF	67	DRE	100M4	53	269	
112	187	12.70	7740	2.8	RM	67	DRE	100M4	69	269	
123	170	11.54	7530	2.9							
143	147	10.00	7230	3.2							
164	128	8.70*	6940	3.4							
183	115	7.79	6730	3.3							
38	545	37.30*	4750	0.80	R	57	DRE	100M4	44	265	
41	515	35.07	5100	0.85	RF	57	DRE	100M4	48	266	
47	445	30.18	5020	1.00	RM	57	DRE	100M4	60	266	
53	395	26.97	4950	1.15							
65	320	21.93	4790	1.40							
77	270	18.60*	4650	1.65							
85	245	16.79	4560	1.80							
96	215	14.77*	4440	2.0	R	57	DRE	100M4	43	265	
102	205	13.95*	4380	2.1	RF	57	DRE	100M4	47	266	
120	175	11.88	4220	2.3	RM	57	DRE	100M4	59	266	
132	159	10.79	4130	2.4							
152	138	9.35	3980	2.7							
157	134	9.06	3970	2.8							
179	118	7.97	3840	3.0							
131	160	21.93	4130	2.8							
155	136	18.60*	3970	3.3	R	57	DRE	100M2	43	265	
172	122	16.79	3870	3.7	RF	57	DRE	100M2	47	266	
195	108	14.77*	3740	4.0	RM	57	DRE	100M2	59	266	
206	102	13.95*	3680	4.2							

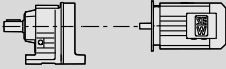



P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
2.2	74	280	19.27	3550	1.05						
	88	235	16.22	3460	1.15						
	98	210	14.56	3390	1.25						
	114	185	12.54	3300	1.35						
	121	174	11.79	3260	1.40						
	140	150	10.15	3160	1.55						
	157	134	9.07	3080	1.65						
	178	118	8.01	2990	1.75	R	47	DRE	100M4	38	262
	184	114	7.76*	2900	1.45	RF	47	DRE	100M4	38	263
	205	103	6.96	2830	1.55						
	238	88	6.00	2730	1.75						
	253	83	5.64*	2690	1.85						
	294	72	4.85	2590	2.1						
	329	64	4.34	2520	2.3						
	372	56	3.83	2440	2.6						
	149	140	19.27	3110	2.1						
	178	118	16.22	2990	2.3						
	198	106	14.56	2920	2.5						
	230	92	12.54	2810	2.7	R	47	DRE	100M2	38	262
	244	86	11.79	2760	2.8	RF	47	DRE	100M2	38	263
284	74	10.15	2660	3.1							
318	66	9.07	2580	3.3							
359	58	8.01	2490	3.5							
91	230	15.60	1110	0.85	R	37	DRE	100M4	34	259	
108	195	13.25	1690	0.95	RF	37	DRE	100M4	36	260	
120	174	11.83	2010	1.05							
141	149	10.11	2380	1.15							
151	140	9.47	2500	1.20							
179	118	7.97	2760	1.35							
214	98	6.67	2480	1.45	R	37	DRE	100M4	34	259	
252	84	5.67	2560	1.70	RF	37	DRE	100M4	36	260	
282	75	5.06	2500	1.80							
330	64	4.32	2400	2.00							
352	60	4.05	2370	2.0							
418	50	3.41	2270	2.2							
185	114	15.60	2780	1.75	R	37	DRE	100M2	34	259	
217	97	13.25	2680	1.95	RF	37	DRE	100M2	36	260	
243	86	11.83	2620	2.1							
285	74	10.11	2520	2.3							
304	69	9.47	2480	2.4							
361	58	7.97	2380	2.7							
432	49	6.67	2250	3.0	R	37	DRE	100M2	34	259	
508	41	5.67	2150	3.4	RF	37	DRE	100M2	36	260	
569	37	5.06	2090	3.7							
666	32	4.32	2000	4.0							
712	30	4.05	1960	4.1							
845	25	3.41	1870	4.5							
141	149	10.13	1140	0.80							
216	97	6.59	1150	1.10							
254	83	5.60*	1410	1.20	R	27	DRE	100M4	29	256	
285	74	5.00*	1550	1.30	RF	27	DRE	100M4	29	257	
334	63	4.27	1530	1.40							
356	59	4.00*	1510	1.45							
423	50	3.37	1460	1.60							
217	97	13.28*	1710	1.35							
243	86	11.86	1680	1.50							
284	74	10.13	1630	1.65							
437	48	6.59	1450	2.2	R	27	DRE	100M2	29	256	
514	41	5.60*	1400	2.4	RF	27	DRE	100M2	29	257	
576	36	5.00*	1370	2.6							
674	31	4.27	1320	2.8							
720	29	4.00*	1300	2.9							
855	25	3.37	1240	3.2							


R..DRE/DRS
R..DRE/DRS [kW]

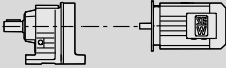

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
2.2	301	70	4.73	5160	1.75						
	353	60	4.04*	4930	2.4						
	385	55	3.70	4810	2.8						
	438	48	3.25*	4620	3.8						
	463	45	3.08*	4550	4.2						
	529	40	2.70	4370	5.4	RX	77	DRE	100M4	47	242
	587	36	2.43	4230	6.0	RXF	77	DRE	100M4	49	243
	669	31	2.13	4060	6.4						
	758	28	1.88*	3910	6.8						
	855	25	1.67	3760	7.0						
	1000	21	1.42	3580	7.4						
	378	56	3.77	3270	1.55						
	445	47	3.20*	3120	2.1						
	493	43	2.89	3040	2.5						
	561	38	2.54	2930	3.2	RX	67	DRE	100M4	37	240
	594	35	2.40*	2880	3.5	RXF	67	DRE	100M4	41	241
	697	30	2.04	2750	4.4						
	767	27	1.86	2670	4.6						
	886	24	1.61	2560	4.8						
	1020	21	1.40*	2450	5.0						
454	46	3.14	2440	1.40							
540	39	2.64*	2340	1.75							
601	35	2.37	2270	2.00							
698	30	2.04	2180	2.3	RX	57	DRE	100M4	35	238	
742	28	1.92*	2140	2.4	RXF	57	DRE	100M4	37	239	
862	24	1.65	2060	2.8							
965	22	1.48	1990	3.1							
1090	19	1.30	1920	3.3							
3.0	1.3	20300	1123	120000	0.90						
	1.5	18100	999	120000	1.00	R	167R97	DRE	100LC4	770	287
	1.7	15600	861	120000	1.15	RF	167R97	DRE	100LC4	780	287
	1.9	13800	760	120000	1.30	RM	167R97	DRE	100LC4	970	287
	2.2	11600	656	120000	1.55						
	2.9	8950	503	120000	2.0						
	2.7	9590	533	68300	1.35						
	3.2	8270	462	70000	1.55	R	147R87	DRE	100LC4	465	287
	3.4	7740	426	70600	1.70	RF	147R87	DRE	100LC4	475	287
	4.0	6680	368	71600	1.95	RM	147R87	DRE	100LC4	640	287
	4.5	5910	326	72300	2.2						
	5.2	5010	280	72900	2.6						
	1.6	16200	889	33100	0.80						
	1.9	14200	784	58800	0.90	R	147R77	DRE	100LC4	445	287
	2.1	12600	695	63300	1.05	RF	147R77	DRE	100LC4	450	287
	2.4	11300	619	65700	1.15	RM	147R77	DRE	100LC4	620	287
	2.6	10200	558	67500	1.25						
	3.0	8920	490	50000	0.90						
	3.4	7790	428	53800	1.05						
	3.8	6980	381	55400	1.15	R	137R77	DRE	100LC4	310	287
	4.5	5920	323	57200	1.35	RF	137R77	DRE	100LC4	335	287
	5.0	5330	291	58000	1.50	RM	137R77	DRE	100LC4	445	287
	5.7	4650	255	58800	1.70						
	6.5	4080	223	59400	1.95						
	2.8	9600	517	38800	0.85	R	137R77	DRE	100LC4	300	287
	3.2	8420	453	52200	0.95	RF	137R77	DRE	100LC4	325	287
						RM	137R77	DRE	100LC4	435	287
	5.8	4600	253	27700	0.95	R	107R77	DRE	100LC4	225	287
	6.8	3900	214	31500	1.10	RF	107R77	DRE	100LC4	230	287
	7.8	3400	187	33500	1.25	RM	107R77	DRE	100LC4	320	287
	5.7	4730	256	25500	0.90	R	107R77	DRE	100LC4	220	287
						RF	107R77	DRE	100LC4	225	287
						RM	107R77	DRE	100LC4	315	287
6.0	4760	158.68	24600	0.90	R	107	DRE	132S6	200	279	
6.7	4250	141.83	29700	1.00	RF	107	DRE	132S6	205	280	
7.5	3830	127.68	31800	1.10	RM	107	DRE	132S6	295	280	

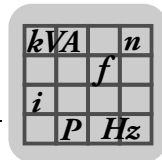


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B			m [kg]		
3.0	6.3	4520	229.95	28200	0.95					
	7.2	4000	203.16	31000	1.10					
	8.4	3390	172.34	33600	1.25					
	9.2	3120	158.68	34500	1.40					
	10	2790	141.83	35600	1.55	R	107	DRE	100LC4	190 279
	11	2510	127.68	36200	1.70	RF	107	DRE	100LC4	195 280
	13	2270	115.63	36500	1.90	RM	107	DRE	100LC4	280 280
	14	2010	102.53	36800	2.1					
	16	1820	92.70	37000	2.4					
	19	1540	78.57	35500	2.8					
	20	1430	72.88	34800	3.0					
	9.6	2960	150.78	20900	1.00					
	11	2490	126.75	24100	1.20					
	12	2290	116.48	25100	1.30					
	14	2030	103.44	26200	1.45					
	16	1820	92.48	27000	1.65					
	18	1630	83.15	27400	1.85					
	20	1420	72.17	27500	2.1	R	97	DRE	100LC4	130 277
	22	1280	65.21	26700	2.3	RF	97	DRE	100LC4	145 278
	24	1170	59.92	26100	2.5	RM	97	DRE	100LC4	200 278
27	1040	53.21	25300	2.9						
31	930	47.58	24500	3.2						
34	840	42.78	23800	3.6						
39	730	37.13	22800	4.1						
44	650	33.25	22100	4.4						
16	1830	93.38	12000	0.85	R	87	DRE	100LC4	89 274	
18	1610	81.92	16500	0.95	RF	87	DRE	100LC4	96 275	
20	1420	72.57	17700	1.10	RM	87	DRE	100LC4	125 275	
23	1250	63.68*	18700	1.25						
24	1180	60.35*	19000	1.30						
28	1030	52.82	19700	1.50						
31	930	47.58	19800	1.65	R	87	DRE	100LC4	89 274	
35	820	41.74	19200	1.90	RF	87	DRE	100LC4	96 275	
40	725	36.84*	18500	2.1	RM	87	DRE	100LC4	125 275	
45	640	32.66*	17900	2.4						
52	545	27.88	17200	2.7						
42	675	34.40*	18200	2.2						
46	615	31.40	17800	2.5						
52	545	27.84*	17200	2.8	R	87	DRE	100LC4	87 274	
62	460	23.40	16300	3.4	RF	87	DRE	100LC4	94 275	
68	420	21.51	15900	3.5	RM	87	DRE	100LC4	125 275	
76	375	19.10	15400	3.8						
85	335	17.08*	14900	4.1						
95	300	15.35	14400	4.4						
32	900	45.81	9090	0.90	R	77	DRE	100LC4	62 271	
34	850	43.26	9620	0.95	RF	77	DRE	100LC4	68 272	
40	725	36.83	10700	1.15	RM	77	DRE	100LC4	93 272	
43	655	33.47	11200	1.25						
50	570	29.00	11600	1.45	R	77	DRE	100LC4	62 271	
58	495	25.23	11200	1.55	RF	77	DRE	100LC4	68 272	
					RM	77	DRE	100LC4	93 272	
62	460	23.37	11000	1.80						
68	420	21.43	10700	1.95						
77	370	18.80	10400	2.1						
82	350	17.82*	10200	2.2						
93	305	15.60	9880	2.4	R	77	DRE	100LC4	61 271	
104	275	14.05	9600	2.6	RF	77	DRE	100LC4	66 272	
118	240	12.33	9250	2.8	RM	77	DRE	100LC4	91 272	
134	210	10.88	8930	3.1						
151	190	9.64	8630	3.3						
169	169	8.59	8400	3.7						
188	152	7.74	8150	4.0						
214	134	6.79	7830	4.3						

kVA	n
f	
i	P
H_z	

R..DRE/DRS
R..DRE/DRS [kW]

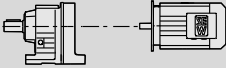

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
3.0	62	460	23.44	8660	1.20						
	73	390	19.89	8350	1.55						
	81	350	17.95	8150	1.65						
	92	310	15.79	7900	1.80	R	67	DRE	100LC4	55	268
	98	290	14.91	7790	1.85	RF	67	DRE	100LC4	58	269
	115	250	12.70	7470	2.1	RM	67	DRE	100LC4	74	269
	126	225	11.54	7290	2.2						
	146	197	10.00	7010	2.4						
	54	530	26.97	4430	0.85						
							R	57	DRE	100LC4	49
						RF	57	DRE	100LC4	53	266
						RM	57	DRE	100LC4	65	266
	66	430	21.93	4360	1.05	R	57	DRE	100LC4	48	265
	78	365	18.60*	4280	1.25	RF	57	DRE	100LC4	52	266
	87	330	16.79	4220	1.35	RM	57	DRE	100LC4	64	266
	98	290	14.77*	4140	1.50						
	104	270	13.95*	4100	1.55						
	122	230	11.88	3980	1.75						
	135	210	10.79	3900	1.85						
	156	184	9.35	3790	2.0						
	161	178	9.06	3780	2.1	R	57	DRE	100LC4	48	265
	183	157	7.97	3670	2.3	RF	57	DRE	100LC4	52	266
	193	148	7.53	3620	2.4	RM	57	DRE	100LC4	64	266
	227	126	6.41	3480	2.6						
	250	115	5.82	3400	2.8						
	288	99	5.05	3280	3.1						
	331	86	4.39	3160	3.2						
	130	220	21.93	3930	2.0	R	57	DRE	100L2	46	265
	153	187	18.60*	3800	2.4	RF	57	DRE	100L2	50	266
	170	169	16.79	3720	2.7	RM	57	DRE	100L2	62	266
	193	148	14.77*	3610	2.9	R	57	DRE	100L2	46	265
	204	140	13.95*	3560	3.1	RF	57	DRE	100L2	50	266
	240	119	11.88	3420	3.4	RM	57	DRE	100L2	62	266
	264	108	10.79	3340	3.6						
	90	315	16.22	2200	0.85	R	47	DRE	100LC4	43	262
	100	285	14.56	2650	0.90	RF	47	DRE	100LC4	43	263
	116	245	12.54	3040	1.00						
	123	230	11.79	3020	1.05						
	143	200	10.15	2950	1.15						
	160	178	9.07	2890	1.25						
	182	158	8.01	2820	1.30						
	188	153	7.76*	2720	1.05	R	47	DRE	100LC4	43	262
	209	137	6.96	2660	1.15	RF	47	DRE	100LC4	43	263
	243	118	6.00	2590	1.30						
	258	111	5.64*	2560	1.40						
	300	96	4.85	2470	1.55						
	336	85	4.34	2410	1.70						
	380	75	3.83	2340	1.90						
	242	119	11.79	2660	2.1						
	281	102	10.15	2570	2.2						
	314	91	9.07	2500	2.4						
	356	80	8.01	2420	2.6						
	368	78	7.76*	2360	2.1	R	47	DRE	100L2	41	262
	409	70	6.96	2300	2.3	RF	47	DRE	100L2	41	263
	475	60	6.00	2210	2.6						
	505	57	5.64*	2180	2.7						
	587	49	4.85	2090	3.1						
	657	44	4.34	2030	3.4						
	744	38	3.83	1960	3.7						
	144	199	10.11	920	0.85	R	37	DRE	100LC4	39	259
	154	186	9.47	1130	0.90	RF	37	DRE	100LC4	41	260
	182	157	7.97	1610	1.00						
	218	131	6.67	1350	1.10						
	257	112	5.67	1700	1.25						
	288	100	5.06	1900	1.35	R	37	DRE	100LC4	39	259
	337	85	4.32	2110	1.50	RF	37	DRE	100LC4	41	260
	360	80	4.05	2180	1.55						
	427	67	3.41	2160	1.65						

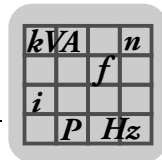


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
3.0	282	102	10.11	2360	1.65	R RF	37 37	DRE DRE	100L2 100L2	37 39	259 260
	301	95	9.47	2370	1.75						
	357	80	7.97	2280	1.95						
	427	67	6.67	2160	2.2	R RF	37 37	DRE DRE	100L2 100L2	37 39	259 260
	503	57	5.67	2080	2.5						
	563	51	5.06	2020	2.6						
	660	43	4.32	1950	2.9						
	704	41	4.05	1910	3.0						
	836	34	3.41	1830	3.3						
	260	110	5.60*	450	0.90	R RF	27 27	DRE DRE	100LC4 100LC4	34 34	256 257
	291	98	5.00*	695	0.95						
	341	84	4.27	970	1.05						
	364	79	4.00*	1070	1.10						
	432	66	3.37	1280	1.20						
	432	66	6.59	1280	1.60	R RF	27 27	DRE DRE	100L2 100L2	32 32	256 257
	509	56	5.60*	1320	1.75						
	570	50	5.00*	1300	1.90						
	667	43	4.27	1260	2.0						
	712	40	4.00*	1240	2.1						
	846	34	3.37	1190	2.3						
	225	127	6.45	7050	1.50	RX RXF	87 87	DRE DRE	100LC4 100LC4	69 74	244 245
	262	110	5.56*	6760	2.0						
	287	100	5.07	6580	2.5						
	323	89	4.50*	6350	3.3						
	385	74	3.78	6040	4.1						
	308	93	4.73	5000	1.30	RX RXF	77 77	DRE DRE	100LC4 100LC4	52 54	242 243
	360	80	4.04*	4780	1.80						
	393	73	3.70	4670	2.1						
	448	64	3.25*	4500	2.8						
	472	61	3.08*	4430	3.2						
386	74	3.77	3120	1.15	RX RXF	67 67	DRE DRE	100LC4 100LC4	42 46	240 241	
455	63	3.20*	3000	1.60							
504	57	2.89	2920	1.85							
572	50	2.54	2820	2.4							
606	47	2.40*	2780	2.6							
712	40	2.04	2660	3.3							
783	37	1.86	2590	3.4							
904	32	1.61	2480	3.6							
1040	28	1.40*	2380	3.8							
464	62	3.14	2310	1.05							RX RXF
551	52	2.64*	2220	1.35							
614	47	2.37	2160	1.50							
713	40	2.04	2080	1.70							
758	38	1.92*	2050	1.85							
881	32	1.65	1970	2.1							
986	29	1.48	1910	2.3							
1115	26	1.30	1850	2.4							
4.0	1.7	20800	861	120000	0.85	R RF RM	167R97 167R97 167R97	DRE DRE DRE	132S4 132S4 132S4	790 790 990	287 287 287
	1.9	18400	760	120000	1.00						
	2.2	15600	656	120000	1.15						
	2.9	12000	503	120000	1.50						
	3.9	8990	376	120000	2.0						
	4.4	8000	335	120000	2.2	R RF RM	147R87 147R87 147R87	DRE DRE DRE	132S4 132S4 132S4	480 490 650	287 287 287
	2.7	12800	533	63000	1.00						
	3.2	11000	462	66100	1.15						
	3.4	10300	426	67300	1.25						
	4.0	8930	368	69200	1.45						
	4.5	7890	326	70400	1.65						
	5.2	6720	280	71600	1.95						
	5.9	5930	247	72300	2.2						
	6.8	5120	214	72900	2.5						
	7.7	4530	189	73200	2.9						
	9.2	3810	159	73600	3.4						
	2.4	15100	619	48900	0.85	R RF RM	147R77 147R77 147R77	DRE DRE DRE	132S4 132S4 132S4	460 465 630	287 287 287
	2.6	13600	558	61400	0.95						
	3.0	11900	489	64700	1.10						
	3.5	10100	415	67600	1.30						

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

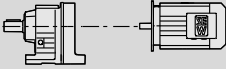

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]	
4.0	3.8	9300	381	44400	0.85			
	4.5	7890	323	53600	1.00	R 137R77	DRE 132S4	325 287
	5.0	7100	291	55200	1.15	RF 137R77	DRE 132S4	350 287
	5.7	6210	255	56700	1.30	RM 137R77	DRE 132S4	460 287
	6.5	5440	223	57800	1.45			
	3.9	9290	376	44600	0.85	R 137R77	DRE 132S4	315 287
	4.3	8360	339	52400	0.95	RF 137R77	DRE 132S4	340 287
	4.9	7320	297	54800	1.10	RM 137R77	DRE 132S4	450 287
	7.8	4550	187	28000	0.95	R 107R77	DRE 132S4	240 287
						RF 107R77	DRE 132S4	245 287
						RM 107R77	DRE 132S4	335 287
	7.6	4750	193	24700	0.90	R 107R77	DRE 132S4	235 287
	8.5	4250	172	29700	1.00	RF 107R77	DRE 132S4	240 287
						RM 107R77	DRE 132S4	330 287
	4.3	8850	222.60*	50300	0.90			
	5.1	7490	188.45	54400	1.05	R 137	DRE 132M6	300 281
	5.5	6930	174.40*	55500	1.15	RF 137	DRE 132M6	325 282
	6.1	6210	156.31	56700	1.30	RM 137	DRE 132M6	435 282
	6.8	5610	141.12*	57600	1.40			
	7.5	5100	128.18	58300	1.55			
	8.4	4520	113.72	59000	1.75	R 137	DRE 132M6	300 281
	9.3	4100	103.20*	59400	1.95	RF 137	DRE 132M6	325 282
	11	3520	88.70*	59900	2.3	RM 137	DRE 132M6	435 282
	8.5	4500	172.34	28300	0.95			
	9.2	4150	158.68	30200	1.05			
	10	3710	141.83	32300	1.15			
	11	3340	127.68	33800	1.30			
	13	3020	115.63	34900	1.40			
	14	2680	102.53	35900	1.60	R 107	DRE 132S4	200 279
	16	2420	92.70	36200	1.75	RF 107	DRE 132S4	205 280
	19	2050	78.57	34600	2.1	RM 107	DRE 132S4	295 280
	20	1900	72.88	34000	2.3			
	22	1710	65.60*	33000	2.5			
	25	1550	59.41	32100	2.8			
	28	1370	52.68	31000	3.1			
	13	3040	116.48	17900	1.00			
	14	2700	103.44	22900	1.10			
	16	2410	92.48	24500	1.25			
	18	2170	83.15	25700	1.40			
	20	1880	72.17	26500	1.60			
	22	1700	65.21	25900	1.75	R 97	DRE 132S4	145 277
	24	1560	59.92	25300	1.90	RF 97	DRE 132S4	160 278
	27	1390	53.21	24600	2.2	RM 97	DRE 132S4	210 278
	31	1240	47.58	23900	2.4			
	34	1110	42.78	23200	2.7			
	39	970	37.13	22300	3.1			
	44	860	33.25	21600	3.3			
	46	830	32.05	21400	3.0			
	54	710	27.19	20500	3.6	R 97	DRE 132S4	140 277
	58	650	25.03	20000	4.3	RF 97	DRE 132S4	155 278
	65	585	22.37	19300	4.6	RM 97	DRE 132S4	210 278
	72	525	20.14	18700	5.0			
	23	1660	63.68*	13600	0.95	R 87	DRE 132S4	105 274
	24	1570	60.35*	14200	1.00	RF 87	DRE 132S4	110 275
	28	1380	52.82	15500	1.10	RM 87	DRE 132S4	140 275
	31	1240	47.58	16200	1.25			
	35	1090	41.74	17000	1.40	R 87	DRE 132S4	105 274
	40	960	36.84*	17500	1.60	RF 87	DRE 132S4	110 275
	45	850	32.66*	17400	1.80	RM 87	DRE 132S4	140 275
	52	725	27.88	16700	2.1			

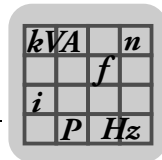


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
4.0	42	900	34.40*	17600	1.65						
	46	820	31.40	17200	1.90						
	52	725	27.84*	16700	2.1						
	62	610	23.40	16000	2.5						
	68	560	21.51	15600	2.7	R	87	DRE	132S4	100	274
	76	495	19.10	15100	2.9	RF	87	DRE	132S4	110	275
	85	445	17.08*	14600	3.1	RM	87	DRE	132S4	140	275
	95	400	15.35	14200	3.3						
	110	345	13.33	13600	3.7						
	122	310	11.93	13200	3.9						
	40	960	36.83	7040	0.85	R	77	DRE	132S4	76	271
	44	870	33.47	9370	0.95	RF	77	DRE	132S4	82	272
	50	755	29.00	10500	1.10	RM	77	DRE	132S4	105	272
	58	660	25.23	10700	1.20						
	62	610	23.37	10500	1.35						
68	560	21.43	10300	1.45							
78	490	18.80	10000	1.60							
82	465	17.82*	9880	1.65							
94	405	15.60	9560	1.80							
104	365	14.05	9320	1.95	R	77	DRE	132S4	75	271	
118	320	12.33	9010	2.1	RF	77	DRE	132S4	81	272	
134	280	10.88	8710	2.3	RM	77	DRE	132S4	105	272	
151	250	9.64	8430	2.5							
170	220	8.59	8250	2.8							
189	200	7.74	8010	3.0							
215	178	6.79	7710	3.3							
244	157	5.99*	7430	3.4							
275	139	5.31*	7160	3.7							
73	520	19.89	7920	1.15							
81	465	17.95	7760	1.25							
92	410	15.79	7560	1.35							
98	390	14.91	7460	1.40							
115	330	12.70	7200	1.55							
127	300	11.54	7040	1.65	R	67	DRE	132S4	69	268	
146	260	10.00	6790	1.80	RF	67	DRE	132S4	72	269	
168	225	8.70*	6560	1.95	RM	67	DRE	132S4	88	269	
187	200	7.79	6390	1.85							
198	193	7.36*	6300	1.90							
233	164	6.27	6030	2.0							
256	149	5.70	5870	2.1							
296	129	4.93	5640	2.2							
340	112	4.29	5420	2.4							
78	485	18.60*	3660	0.90	R	57	DRE	132S4	63	265	
87	435	16.79	3820	1.00	RF	57	DRE	132S4	66	266	
99	385	14.77*	3790	1.15	RM	57	DRE	132S4	78	266	
105	365	13.95*	3770	1.20							
123	310	11.88	3700	1.30							
135	280	10.79	3650	1.40							
156	240	9.35	3570	1.50							
161	235	9.06	3570	1.60	R	57	DRE	132S4	63	265	
183	205	7.97	3490	1.70	RF	57	DRE	132S4	66	266	
194	197	7.53	3450	1.80	RM	57	DRE	132S4	78	266	
228	168	6.41	3330	2.0							
251	152	5.82	3260	2.1							
289	132	5.05	3160	2.3							
333	115	4.39	3050	2.4							
144	265	10.15	2060	0.85							
161	235	9.07	2440	0.95							
182	205	8.01	2630	1.00							
210	182	6.96	2470	0.85	R	47	DRE	132S4	58	262	
243	157	6.00	2420	1.00	RF	47	DRE	132S4	58	263	
259	148	5.64*	2400	1.05							
301	127	4.85	2340	1.20							
337	113	4.34	2290	1.30							
381	100	3.83	2230	1.45							

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DRE/DRS [kW]

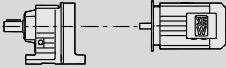

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
4.0	179	210	16.22	2640	1.30						
	199	192	14.56	2600	1.40						
	231	165	12.54	2530	1.50						
	246	155	11.79	2500	1.60						
	286	134	10.15	2430	1.70						
	320	119	9.07	2380	1.85						
	362	106	8.01	2320	1.95	R	47	DRE	112M2	53	262
	374	102	7.76*	2240	1.60	RF	47	DRE	112M2	53	263
	416	92	6.96	2190	1.75						
	484	79	6.00	2120	1.95						
	514	74	5.64*	2090	2.1						
	598	64	4.85	2020	2.4						
	669	57	4.34	1960	2.6						
	757	50	3.83	1900	2.8						
	263	146	5.56*	6580	1.55						
288	133	5.07	6420	1.90	RX	87	DRE	132S4	83	244	
324	118	4.50*	6210	2.5	RXF	87	DRE	132S4	88	245	
386	99	3.78	5910	3.1							
361	106	4.04*	4630	1.35							
394	97	3.70	4530	1.60							
449	85	3.25*	4380	2.1							
474	81	3.08*	4310	2.4							
542	70	2.70	4160	3.0	RX	77	DRE	132S4	66	242	
601	64	2.43	4040	3.4	RXF	77	DRE	132S4	69	243	
685	56	2.13	3890	3.6							
777	49	1.88*	3750	3.8							
876	44	1.67	3620	4.0							
1025	37	1.42	3450	4.2							
456	84	3.20*	2860	1.20							
505	76	2.89	2790	1.40							
574	66	2.54	2710	1.75							
608	63	2.40*	2670	1.95	RX	67	DRE	132S4	57	240	
714	54	2.04	2560	2.5	RXF	67	DRE	132S4	61	241	
786	49	1.86	2500	2.6							
908	42	1.61	2400	2.7							
1045	37	1.40*	2310	2.8							
553	69	2.64*	1730	1.00							
616	62	2.37	1840	1.10							
715	53	2.04	1950	1.30							
760	50	1.92*	1950	1.35	RX	57	DRE	132S4	54	238	
884	43	1.65	1880	1.60	RXF	57	DRE	132S4	56	239	
989	39	1.48	1830	1.75							
1120	34	1.30	1780	1.85							
5.5	2.2	21800	656	120000	0.85						
	2.5	19000	579	120000	0.95						
	2.9	16700	503	120000	1.10						
	3.4	14200	432	120000	1.25	R	167R97	DRE	132M4	800	287
	3.9	12500	376	120000	1.45	RF	167R97	DRE	132M4	800	287
	4.3	11100	335	120000	1.60	RM	167R97	DRE	132M4	1000	287
	4.8	9970	303	120000	1.80						
	5.2	9190	279	120000	1.95						
	3.2	15400	462	45000	0.85						
	3.4	14300	426	58400	0.90						
	4.0	12300	368	63900	1.05						
	4.5	10900	326	66400	1.20	R	147R87	DRE	132M4	490	287
	5.2	9340	280	68700	1.40	RF	147R87	DRE	132M4	500	287
	5.9	8240	247	70000	1.60	RM	147R87	DRE	132M4	670	287
	6.8	7120	214	71200	1.80						
7.7	6300	189	72000	2.1							
5.9	8880	163.31	69300	1.45	R	147	DRE	160M6	450	283	
6.6	7990	146.91	70300	1.65	RF	147	DRE	160M6	460	284	
8.0	6520	119.86	71800	2.00	RM	147	DRE	160M6	630	284	
8.8	5940	109.31	72300	2.2	R	147	DRE	160M6	450	283	
10	5140	94.60*	72800	2.5	RF	147	DRE	160M6	460	284	
12	4540	83.47	73200	2.9	RM	147	DRE	160M6	630	284	

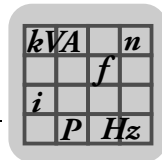


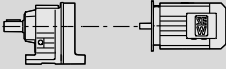

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
5.5	5.5	9490	174.40*	41100	0.85						
	6.2	8500	156.31	51800	0.95	R	137	DRE	160M6	320	281
	6.8	7680	141.12*	54100	1.05	RF	137	DRE	160M6	345	282
	7.5	6970	128.18	55400	1.15	RM	137	DRE	160M6	455	282
	8.5	6180	113.72	56700	1.30						
	9.4	5610	103.20*	57600	1.40	R	137	DRE	160M6	320	281
						RF	137	DRE	160M6	345	282
						RM	137	DRE	160M6	455	282
	6.5	8030	222.60*	53300	1.00						
	7.7	6800	188.45	55700	1.20	R	137	DRE	132M4	300	281
	8.3	6290	174.40*	56600	1.25	RF	137	DRE	132M4	325	282
	9.3	5640	156.31	57600	1.40	RM	137	DRE	132M4	435	282
	10	5090	141.12*	58300	1.55						
	11	4620	128.18	58800	1.75						
	13	4100	113.72	59400	1.95						
14	3720	103.20*	59800	2.2							
16	3200	88.70*	60200	2.5	R	137	DRE	132M4	300	281	
18	2920	80.91*	60400	2.7	RF	137	DRE	132M4	325	282	
20	2650	73.49	60600	3.0	RM	137	DRE	132M4	435	282	
22	2350	65.20	60800	3.4							
25	2130	59.17*	60900	3.8							
29	1830	50.86*	61000	4.4							
11	4600	127.68	27700	0.95							
13	4170	115.63	30100	1.05							
14	3700	102.53	32300	1.15							
16	3340	92.70	33800	1.30							
19	2830	78.57	33400	1.50	R	107	DRE	132M4	215	279	
20	2630	72.88	32800	1.65	RF	107	DRE	132M4	220	280	
22	2360	65.60*	31900	1.80	RM	107	DRE	132M4	305	280	
24	2140	59.41	31200	2.0							
28	1900	52.68	30200	2.3							
31	1710	47.63	29400	2.5							
36	1450	40.37*	28100	3.0							
18	3000	83.15	19700	1.00							
20	2600	72.17	22000	1.15							
22	2350	65.21	24600	1.25							
24	2160	59.92	24200	1.40							
27	1920	53.21	23500	1.55	R	97	DRE	132M4	155	277	
31	1710	47.58	22900	1.75	RF	97	DRE	132M4	175	278	
34	1540	42.78	22400	1.95	RM	97	DRE	132M4	225	278	
39	1340	37.13	21600	2.2							
44	1200	33.25	21000	2.4							
53	990	27.58	20000	2.7							
45	1150	32.05	20800	2.2							
54	980	27.19	19900	2.6							
58	900	25.03	19500	3.1	R	97	DRE	132M4	150	277	
65	800	22.37	18900	3.4	RF	97	DRE	132M4	170	278	
72	725	20.14	18400	3.6	RM	97	DRE	132M4	220	278	
80	655	18.24	17900	3.8							
90	580	16.17	17300	4.1							
31	1710	47.58	15700	0.90							
35	1500	41.74	17200	1.05	R	87	DRE	132M4	115	274	
40	1320	36.84*	17100	1.15	RF	87	DRE	132M4	120	275	
45	1170	32.66*	16700	1.30	RM	87	DRE	132M4	150	275	
52	1000	27.88	16100	1.50							
52	1000	27.84*	16100	1.55							
62	840	23.40	15400	1.85							
68	775	21.51	15100	1.95							
76	685	19.10	14600	2.1							
85	615	17.08*	14200	2.3							
95	550	15.35	13800	2.4	R	87	DRE	132M4	115	274	
109	480	13.33	13300	2.7	RF	87	DRE	132M4	120	275	
122	430	11.93	12900	2.9	RM	87	DRE	132M4	150	275	
147	355	9.90*	12200	3.3							
159	330	9.14*	12100	3.7							
177	295	8.22	11700	3.9							
204	255	7.13	11200	4.2							

kVA	n
f	
i	P
	H _Z

R..DRE/DRS
R..DRE/DRS [kW]

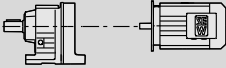

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]		
						R	RF	RM	DRE			
5.5	77	675	18.80	9300	1.15	R	77		DRE	132M4	87	271
	82	640	17.82*	9370	1.20	RF	77		DRE	132M4	93	272
	93	560	15.60	9120	1.30	RM	77		DRE	132M4	120	272
	104	505	14.05	8920	1.40							
	118	440	12.33	8650	1.55							
	134	390	10.88	8400	1.70							
	151	345	9.64	8160	1.80	R	77		DRE	132M4	87	271
	169	310	8.59	8040	2.0	RF	77		DRE	132M4	93	272
	188	275	7.74	7820	2.2	RM	77		DRE	132M4	120	272
	214	245	6.79	7540	2.4							
243	215	5.99*	7280	2.5								
274	192	5.31*	7040	2.7								
92	570	15.79	6700	1.00								
98	535	14.91	6990	1.00								
115	455	12.70	6790	1.15								
126	415	11.54	6670	1.20								
146	360	10.00	6480	1.30								
167	310	8.70*	6280	1.40	R	67		DRE	132M4	81	268	
187	280	7.79	6160	1.35	RF	67		DRE	132M4	84	269	
198	265	7.36*	6070	1.40	RM	67		DRE	132M4	100	269	
232	225	6.27	5840	1.45								
255	205	5.70	5700	1.50								
295	178	4.93	5490	1.65								
339	155	4.29	5290	1.75								
332	158	8.70*	5300	2.8								
371	142	7.79	5160	2.7								
393	134	7.36*	5080	2.8	R	67		DRE	132S2	69	268	
461	114	6.27	4850	2.9	RF	67		DRE	132S2	72	269	
507	104	5.70	4720	3.0	RM	67		DRE	132S2	88	269	
586	90	4.93	4530	3.2								
673	78	4.29	4350	3.5								
98	530	14.77*	1840	0.80	R	57		DRE	132M4	75	265	
104	500	13.95*	2170	0.85	RF	57		DRE	132M4	78	266	
122	425	11.88	2980	0.95	RM	57		DRE	132M4	90	266	
135	385	10.79	3270	1.00								
156	335	9.35	3240	1.10								
183	285	7.97	3220	1.25								
193	270	7.53	3190	1.30	R	57		DRE	132M4	75	265	
227	230	6.41	3120	1.45	RF	57		DRE	132M4	78	266	
250	210	5.82	3070	1.50	RM	57		DRE	132M4	90	266	
288	182	5.05	2990	1.65								
331	158	4.39	2900	1.75								
309	170	9.35	2930	2.2								
363	145	7.97	2850	2.4								
384	137	7.53	2820	2.6	R	57		DRE	132S2	63	265	
451	116	6.41	2710	2.9	RF	57		DRE	132S2	66	266	
496	106	5.82	2650	3.0	RM	57		DRE	132S2	78	266	
573	92	5.05	2560	3.3								
658	80	4.39	2470	3.5								
300	175	4.85	1910	0.85	R	47		DRE	132M4	70	262	
336	156	4.34	2110	0.95	RF	47		DRE	132M4	70	263	
380	138	3.83	2070	1.05								
230	225	12.54	1740	1.10								
245	210	11.79	1920	1.15								
285	184	10.15	2250	1.25								
319	165	9.07	2220	1.35								
361	146	8.01	2170	1.40	R	47		DRE	132S2	58	262	
482	109	6.00	2000	1.45	RF	47		DRE	132S2	58	263	
512	102	5.64*	1970	1.50								
595	88	4.85	1920	1.70								
666	79	4.34	1870	1.85								
754	70	3.83	1820	2.1								
220	235	6.63*	10400	1.90								
259	200	5.61	9930	2.2	RX	107		DRE	132M4	150	248	
280	187	5.19	9710	3.7	RXF	107		DRE	132M4	170	249	
313	168	4.65	9410	4.1								

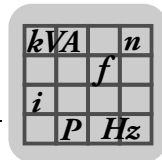


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
5.5	251	205	5.79	8340	2.0				
	296	177	4.91	7970	2.2				
	322	163	4.52	7790	3.6				
	360	146	4.04	7540	4.1				
	400	131	3.64*	7320	4.5				
	441	119	3.30	7110	5.0	RX 97	DRE 132M4	120	246
	498	106	2.92	6860	5.6	RXF 97	DRE 132M4	125	247
	551	95	2.64	6660	6.2				
	650	81	2.24*	6330	7.4				
	744	71	1.96	6080	8.1				
	889	59	1.64	5750	8.5				
	1025	51	1.42	5500	8.9				
	323	162	4.50*	6010	1.80				
	385	136	3.78	5740	2.2				
	419	126	3.48	5610	3.2	RX 87	DRE 132M4	95	244
	471	111	3.09	5430	3.6	RXF 87	DRE 132M4	100	245
	527	100	2.76*	5260	4.1				
	586	90	2.48	5110	4.5				
	676	78	2.15	4900	5.0				
	448	117	3.25*	4200	1.55				
472	111	3.08*	4150	1.75					
540	97	2.70	4010	2.2					
599	88	2.43	3900	2.4	RX 77	DRE 132M4	78	242	
683	77	2.13	3770	2.6	RXF 77	DRE 132M4	81	243	
774	68	1.88*	3640	2.8					
873	60	1.67	3520	2.9					
1020	51	1.42	3370	3.0					
572	92	2.54	2540	1.30					
606	87	2.40*	2520	1.40					
712	74	2.04	2420	1.80	RX 67	DRE 132M4	69	240	
783	67	1.86	2370	1.90	RXF 67	DRE 132M4	73	241	
904	58	1.61	2290	1.95					
1040	50	1.40*	2210	2.1					
713	74	2.04	715	0.95					
758	69	1.92*	800	1.00	RX 57	DRE 132M4	66	238	
881	60	1.65	980	1.15	RXF 57	DRE 132M4	68	239	
986	53	1.48	1060	1.30					
1115	47	1.30	1190	1.35					
7.5	2.9	22700	503	120000	0.80				
	3.4	19300	432	120000	0.95				
	3.9	16900	376	120000	1.05	R 167R97	DRE 132MC4	800	287
	4.4	15100	335	120000	1.20	RF 167R97	DRE 132MC4	810	287
	4.9	13500	303	120000	1.35	RM 167R97	DRE 132MC4	1000	287
	5.3	12500	279	120000	1.45				
	4.5	14800	326	52600	0.90				
	5.2	12600	280	63300	1.05	R 147R87	DRE 132MC4	495	287
	6.0	11100	247	66000	1.15	RF 147R87	DRE 132MC4	500	287
	6.9	9660	214	68300	1.35	RM 147R87	DRE 132MC4	670	287
	7.8	8540	189	69700	1.50				
	9.3	7180	159	71200	1.80				
	7.8	9180	188.45	46500	0.85	R 137	DRE 132MC4	305	281
	8.4	8490	174.40*	51900	0.95	RF 137	DRE 132MC4	325	282
	9.4	7610	156.31	54200	1.05	RM 137	DRE 132MC4	435	282
	10	6870	141.12*	55600	1.15				
	11	6240	128.18	56700	1.30				
	13	5540	113.72	57700	1.45				
	14	5020	103.20*	58400	1.60				
	17	4320	88.70*	59200	1.85	R 137	DRE 132MC4	305	281
18	3940	80.91*	59600	2.0	RF 137	DRE 132MC4	325	282	
20	3580	73.49	59900	2.2	RM 137	DRE 132MC4	435	282	
23	3170	65.20	60200	2.5					
25	2880	59.17*	60400	2.8					
29	2470	50.86*	60700	3.2					

kVA	n
f	
i	P
	H _Z

R..DRE/DRS
R..DRE/DRS [kW]

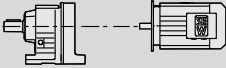

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
7.5	16	4510	92.70	28200	0.95						
	19	3820	78.57	31600	1.10						
	20	3550	72.88	31100	1.20						
	22	3190	65.60*	30400	1.35						
	25	2890	59.41	29800	1.50	R	107	DRE	132MC4	215	279
	28	2560	52.68	29000	1.70	RF	107	DRE	132MC4	220	280
	31	2320	47.63	28300	1.85	RM	107	DRE	132MC4	310	280
	36	1960	40.37*	27100	2.2						
	42	1710	35.26	26200	2.5						
	50	1430	29.49	25000	3.0						
	48	1490	30.77	25300	2.9	R	107	DRE	132MC4	210	279
	53	1340	27.58	24600	3.2	RF	107	DRE	132MC4	215	280
	59	1210	24.90*	23900	3.5	RM	107	DRE	132MC4	305	280
	65	1100	22.62	23200	3.9						
	25	2910	59.92	21500	1.05						
	28	2590	53.21	22100	1.15	R	97	DRE	132MC4	160	277
	31	2310	47.58	21600	1.30	RF	97	DRE	132MC4	175	278
	34	2080	42.78	21200	1.45	RM	97	DRE	132MC4	225	278
	40	1800	37.13	20600	1.65						
	44	1610	33.25	20100	1.80	R	97	DRE	132MC4	160	277
	53	1340	27.58	19200	2.00	RF	97	DRE	132MC4	175	278
						RM	97	DRE	132MC4	225	278
	46	1560	32.05	19900	1.65						
	54	1320	27.19	19200	1.95	R	97	DRE	132MC4	155	277
	59	1210	25.03	18800	2.3	RF	97	DRE	132MC4	170	278
	66	1090	22.37	18300	2.5	RM	97	DRE	132MC4	225	278
	73	980	20.14	17800	2.7						
	81	880	18.24	17300	2.8						
	40	1790	36.84*	14800	0.85	R	87	DRE	132MC4	120	274
	45	1590	32.66*	15600	0.95	RF	87	DRE	132MC4	125	275
	53	1350	27.88	15200	1.10	RM	87	DRE	132MC4	155	275
	53	1350	27.84*	15200	1.15						
	63	1140	23.40	14600	1.35						
	68	1040	21.51	14400	1.45						
	77	930	19.10	14000	1.55						
	86	830	17.08*	13600	1.65						
96	745	15.35	12600	1.80	R	87	DRE	132MC4	115	274	
110	645	13.33	12800	1.95	RF	87	DRE	132MC4	125	275	
123	580	11.93	12500	2.1	RM	87	DRE	132MC4	155	275	
148	480	9.90*	11900	2.4							
161	445	9.14*	11800	2.7							
179	400	8.22	11500	2.9							
206	345	7.13	11000	3.1							
230	310	6.39	10700	3.3							
277	255	5.30*	10100	3.5							
78	910	18.80	5530	0.85							
82	860	17.82*	5920	0.90							
94	755	15.60	6770	0.95							
105	680	14.05	7310	1.05							
119	600	12.33	7850	1.15	R	77	DRE	132MC4	90	271	
135	525	10.88	7960	1.25	RF	77	DRE	132MC4	96	272	
152	465	9.64	7770	1.35	RM	77	DRE	132MC4	120	272	
171	415	8.59	7690	1.50							
190	375	7.74	7540	1.60							
216	330	6.79	7290	1.75							
245	290	5.99*	7060	1.85							
277	255	5.31*	6840	1.95							
116	615	12.70	4420	0.85							
127	560	11.54	5020	0.90							
147	485	10.00	5750	0.95							
169	420	8.70*	5900	1.05	R	67	DRE	132MC4	84	268	
189	375	7.79	5610	1.00	RF	67	DRE	132MC4	87	269	
200	355	7.36*	5760	1.05	RM	67	DRE	132MC4	105	269	
235	305	6.27	5560	1.10							
258	275	5.70	5450	1.10							
298	240	4.93	5270	1.20							
342	205	4.29	5100	1.30							

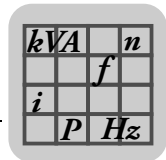


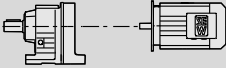

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
7.5	184	385	7.97	1130	0.90						
	195	365	7.53	1420	0.95	R	57	DRE	132MC4	78	265
	229	310	6.41	2130	1.05	RF	57	DRE	132MC4	81	266
	252	280	5.82	2470	1.15	RM	57	DRE	132MC4	93	266
	291	245	5.05	2750	1.25						
	335	210	4.39	2700	1.30						
	197	360	14.77*	2590	1.20						
	209	340	13.95*	2800	1.25						
	245	290	11.88	2780	1.40	R	57	DRE	132M2	75	265
	270	265	10.79	2750	1.45	RF	57	DRE	132M2	78	266
311	230	9.35	2700	1.60	RM	57	DRE	132M2	90	266	
365	196	7.97	2660	1.80							
387	185	7.53	2640	1.90							
454	158	6.41	2560	2.1							
500	143	5.82	2520	2.2							
577	124	5.05	2440	2.5							
663	108	4.39	2370	2.6							
222	320	6.63*	10000	1.45							
262	270	5.61	9620	1.65	RX	107	DRE	132MC4	155	248	
283	250	5.19	9420	2.8	RXF	107	DRE	132MC4	170	249	
316	225	4.65	9140	3.1							
350	200	4.20*	8890	4.1							
254	280	5.79	8020	1.50							
299	235	4.91	7700	1.65							
325	220	4.52	7530	2.7	RX	97	DRE	132MC4	120	246	
364	197	4.04	7310	3.0	RXF	97	DRE	132MC4	130	247	
404	177	3.64*	7100	3.4							
446	161	3.30	6910	3.7							
503	142	2.92	6680	4.2							
327	215	4.50*	5720	1.30							
389	184	3.78	5500	1.65							
423	169	3.48	5380	2.4							
476	150	3.09	5220	2.7							
533	134	2.76*	5080	3.0	RX	87	DRE	132MC4	98	244	
592	121	2.48	4940	3.4	RXF	87	DRE	132MC4	105	245	
682	105	2.15	4750	3.7							
762	94	1.93	4610	3.8							
919	78	1.60*	4370	4.0							
1055	68	1.39	4200	4.3							
452	158	3.25*	3890	1.15							
477	150	3.08*	3910	1.30							
545	131	2.70	3800	1.65							
605	118	2.43	3710	1.80	RX	77	DRE	132MC4	81	242	
690	104	2.13	3600	1.95	RXF	77	DRE	132MC4	84	243	
782	92	1.88*	3480	2.0							
882	81	1.67	3380	2.1							
1035	69	1.42	3240	2.2							
578	124	2.54	1600	0.95							
612	117	2.40*	1700	1.05							
719	100	2.04	1890	1.35	RX	67	DRE	132MC4	72	240	
792	90	1.86	2000	1.40	RXF	67	DRE	132MC4	76	241	
914	78	1.61	2120	1.45							
1050	68	1.40*	2070	1.50							
9.2	3.9	20900	376	120000	0.85	R	167R97	DRE	160M4	820	287
	4.4	18600	335	120000	0.95	RF	167R97	DRE	160M4	830	287
	4.8	16700	303	120000	1.05	RM	167R97	DRE	160M4	1020	287
	5.2	15400	279	120000	1.15						
	5.2	15600	280	41700	0.85						
	5.9	13800	247	61000	0.95	R	147R87	DRE	160M4	520	287
	6.9	11900	214	64700	1.10	RF	147R87	DRE	160M4	520	287
	7.8	10500	189	67000	1.25	RM	147R87	DRE	160M4	690	287
	9.2	8860	159	69300	1.45						
	9.0	9790	163.31	68100	1.35	R	147	DRE	160M4	450	283
	10.0	8800	146.91	69400	1.50	RF	147	DRE	160M4	460	284
	12	7180	119.86	71200	1.80	RM	147	DRE	160M4	630	284

<i>kVA</i>	<i>n</i>
<i>f</i>	
<i>i</i>	<i>P</i>
<i>P</i>	<i>H_z</i>

R..DRE/DRS
R..DRE/DRS [kW]

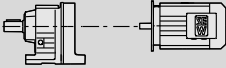

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra}¹⁾ [N]	SEW f_B					m [kg]	
9.2	13	6550	109.31	71700	2.00						
	15	5670	94.60*	72500	2.3	R	147	DRE	160M4	450	283
	18	5000	83.47	72900	2.6	RF	147	DRE	160M4	460	284
	20	4320	72.09	73400	3.0	RM	147	DRE	160M4	630	284
	22	4010	66.99	73500	3.2						
	9.4	9370	156.31	43200	0.85						
	10	8460	141.12*	52000	0.95	R	137	DRE	160M4	320	281
	11	7680	128.18	54000	1.05	RF	137	DRE	160M4	345	282
	13	6810	113.72	55700	1.15	RM	137	DRE	160M4	455	282
	14	6180	103.20*	56700	1.30						
	17	5310	88.70*	58000	1.50						
	18	4850	80.91*	58600	1.65	R	137	DRE	160M4	320	281
	20	4400	73.49	59100	1.80	RF	137	DRE	160M4	345	282
	22	3910	65.20	59600	2.0	RM	137	DRE	160M4	455	282
	25	3540	59.17*	59900	2.2						
	29	3040	50.86*	60300	2.6						
	33	2660	44.39	60600	3.0						
	19	4710	78.57	26300	0.90						
	20	4370	72.88	29100	1.00						
	22	3930	65.60*	29300	1.10						
	25	3560	59.41	28700	1.20	R	107	DRE	160M4	235	279
28	3150	52.68	28000	1.35	RF	107	DRE	160M4	245	280	
31	2850	47.63	27400	1.50	RM	107	DRE	160M4	330	280	
36	2420	40.37*	26400	1.80							
42	2110	35.26	25600	2.0							
50	1760	29.49	24500	2.4							
48	1840	30.77	24700	2.3							
53	1650	27.58	24100	2.6	R	107	DRE	160M4	230	279	
59	1490	24.90*	23400	2.9	RF	107	DRE	160M4	235	280	
65	1350	22.62	22800	3.2	RM	107	DRE	160M4	325	280	
73	1200	20.07	22100	3.6							
28	3190	53.21	9960	0.95	R	97	DRE	160M4	180	277	
31	2850	47.58	20600	1.05	RF	97	DRE	160M4	195	278	
34	2560	42.78	20300	1.15	RM	97	DRE	160M4	250	278	
39	2220	37.13	19800	1.35	R	97	DRE	160M4	180	277	
44	1990	33.25	19400	1.45	RF	97	DRE	160M4	195	278	
53	1650	27.58	18600	1.60	RM	97	DRE	160M4	250	278	
59	1500	25.03	18200	1.90							
65	1340	22.37	17800	2.0							
73	1200	20.14	17300	2.2	R	97	DRE	160M4	175	277	
80	1090	18.24	16900	2.3	RF	97	DRE	160M4	195	278	
91	960	16.17	16400	2.5	RM	97	DRE	160M4	245	278	
100	870	14.62	16000	2.6							
118	740	12.39	15300	3.0							
68	1280	21.51	13800	1.15							
77	1140	19.10	13500	1.25							
86	1020	17.08*	13200	1.35							
95	920	15.35	12900	1.45							
110	795	13.33	12500	1.60	R	87	DRE	160M4	135	274	
123	715	11.93	12200	1.70	RF	87	DRE	160M4	145	275	
148	590	9.90*	11600	2.00	RM	87	DRE	160M4	175	275	
160	545	9.14*	11600	2.2							
178	490	8.22	11300	2.4							
205	425	7.13	10900	2.5							
229	380	6.39	10500	2.7							
104	840	14.05	4860	0.85							
119	735	12.33	5710	0.95	R	77	DRE	160M4	110	271	
135	650	10.88	6360	1.00	RF	77	DRE	160M4	115	272	
152	575	9.64	6860	1.10	RM	77	DRE	160M4	140	272	
189	460	7.74	6360	1.30							
216	405	6.79	6760	1.40	R	77	DRE	160M4	110	271	
244	355	5.99*	6900	1.50	RF	77	DRE	160M4	115	272	
276	315	5.31*	6690	1.60	RM	77	DRE	160M4	140	272	
282	310	5.19	9200	2.2							
315	275	4.65	8950	2.5							
349	250	4.20*	8720	3.3	RX	107	DRE	160M4	175	248	
384	225	3.81	8500	3.6	RXF	107	DRE	160M4	190	249	
433	200	3.38	8220	4.1							

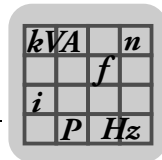


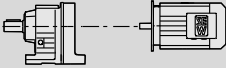

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
9.2	324	270	4.52	7340	2.2				
	362	240	4.04	7140	2.4				
	402	215	3.64*	6950	2.7				
	444	198	3.30	6770	3.0				
	501	175	2.92	6560	3.4	RX 97	DRE 160M4	145	246
	554	158	2.64	6380	3.8	RXF 97	DRE 160M4	150	247
	654	134	2.24*	6090	4.4				
	749	117	1.96	5860	4.9				
	895	98	1.64	5560	5.2				
	1035	85	1.42	5330	5.4				
	421	205	3.48	5200	1.95				
	475	185	3.09	5060	2.2				
	531	166	2.76*	4930	2.4				
	590	149	2.48	4800	2.7	RX 87	DRE 160M4	120	244
	680	129	2.15	4630	3.0	RXF 87	DRE 160M4	125	245
760	116	1.93	4500	3.1					
916	96	1.60*	4280	3.3					
1055	83	1.39	4120	3.5					
603	146	2.43	3060	1.50					
688	128	2.13	3200	1.55					
779	113	1.88*	3300	1.65	RX 77	DRE 160M4	105	242	
879	100	1.67	3270	1.75	RXF 77	DRE 160M4	105	243	
1030	85	1.42	3140	1.80					
11.0	5.0	19100	295	120000	0.95				
	5.5	17700	270	120000	1.00	R 167R107	DRE 160MC4	880	287
	6.4	15000	229	120000	1.20	RF 167R107	DRE 160MC4	880	287
	7.4	13000	200	120000	1.40	RM 167R107	DRE 160MC4	1080	287
	8.7	10900	169	120000	1.65				
	5.1	19400	291	120000	0.90	R 167R107	DRE 160MC4	870	287
						RF 167R107	DRE 160MC4	880	287
						RM 167R107	DRE 160MC4	1070	287
	4.4	22200	335	120000	0.80	R 167R97	DRE 160MC4	830	287
	4.9	19900	303	120000	0.90	RF 167R97	DRE 160MC4	830	287
	5.3	18400	279	120000	1.00	RM 167R97	DRE 160MC4	1030	287
	6.0	16400	247	29900	0.80				
	6.9	14100	214	60000	0.90	R 147R87	DRE 160MC4	520	287
	7.8	12500	189	63600	1.05	RF 147R87	DRE 160MC4	530	287
	9.3	10500	159	67000	1.25	RM 147R87	DRE 160MC4	700	287
	6.4	16300	229.71	120000	1.10	R 167	DRE 160MC4	700	285
	7.9	13300	186.93*	120000	1.35	RF 167	DRE 160MC4	710	286
						RM 167	DRE 160MC4	900	286
	9.6	10900	153.07	120000	1.65				
	11	9960	139.98	120000	1.80	R 167	DRE 160MC4	700	285
	12	8670	121.81*	120000	2.1	RF 167	DRE 160MC4	710	286
	14	7650	107.49	120000	2.4	RM 167	DRE 160MC4	900	286
	16	6630	93.19	120000	2.7				
	18	5900	82.91*	120000	3.0				
	9.0	11600	163.31	65200	1.10	R 147	DRE 160MC4	455	283
	10	10400	146.91	67100	1.25	RF 147	DRE 160MC4	465	284
	12	8530	119.86	69700	1.50	RM 147	DRE 160MC4	630	284
	13	7780	109.31	70500	1.65				
	16	6730	94.60*	71600	1.95				
	18	5940	83.47	72300	2.2	R 147	DRE 160MC4	455	283
20	5130	72.09	72900	2.5	RF 147	DRE 160MC4	465	284	
22	4770	66.99	73100	2.7	RM 147	DRE 160MC4	630	284	
24	4350	61.09	73300	3.0					
28	3760	52.87	73700	3.4					

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

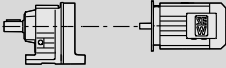

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
11.0	10	10000	141.12*	28200	0.80				
	12	9120	128.18	47300	0.90				
	13	8090	113.72	53200	1.00				
	14	7340	103.20*	54700	1.10				
	17	6310	88.70*	56500	1.25				
	18	5760	80.91*	57400	1.40	R 137	DRE 160MC4	325	281
	20	5230	73.49	58100	1.55	RF 137	DRE 160MC4	350	282
	23	4640	65.20	58800	1.70	RM 137	DRE 160MC4	460	282
	25	4210	59.17*	59300	1.90				
	29	3620	50.86*	59900	2.2				
	33	3160	44.39	60200	2.5				
	39	2680	37.65	60600	3.0				
	45	2340	32.91	60800	3.4				
	22	4670	65.60*	27300	0.90				
	25	4230	59.41	27500	1.00				
	28	3750	52.68	27000	1.15	R 107	DRE 160MC4	240	279
	31	3390	47.63	26500	1.25	RF 107	DRE 160MC4	250	280
	37	2870	40.37*	25600	1.50	RM 107	DRE 160MC4	335	280
	42	2510	35.26	24900	1.70				
	50	2100	29.49	23900	2.0				
	48	2190	30.77	24100	1.95				
	53	1960	27.58	23500	2.2				
	59	1770	24.90*	22900	2.4	R 107	DRE 160MC4	235	279
	65	1610	22.62	22400	2.7	RF 107	DRE 160MC4	240	280
	74	1420	20.07	21700	3.0	RM 107	DRE 160MC4	330	280
	81	1290	18.21	21100	3.3				
	34	3040	42.78	18000	1.00				
	40	2640	37.13	18900	1.15	R 97	DRE 160MC4	185	277
	44	2360	33.25	18600	1.20	RF 97	DRE 160MC4	200	278
	53	1960	27.58	18000	1.35	RM 97	DRE 160MC4	255	278
	59	1780	25.03	17600	1.60				
	66	1590	22.37	17200	1.70	R 97	DRE 160MC4	180	277
	73	1430	20.14	16800	1.80	RF 97	DRE 160MC4	200	278
	81	1290	18.24	16500	1.90	RM 97	DRE 160MC4	250	278
	91	1150	16.17	16000	2.1				
	101	1040	14.62	15600	2.2				
	119	880	12.39	15000	2.5	R 97	DRE 160MC4	180	277
	136	770	10.83	14500	2.7	RF 97	DRE 160MC4	200	278
	159	660	9.29	14200	3.1	RM 97	DRE 160MC4	250	278
	176	595	8.39	13800	3.4				
	207	505	7.12	13100	4.0				
	237	440	6.21	12600	4.3				
	69	1530	21.51	13200	1.00	R 87	DRE 160MC4	140	274
	77	1360	19.10	12900	1.05	RF 87	DRE 160MC4	150	275
	86	1210	17.08*	12700	1.15	RM 87	DRE 160MC4	180	275
	96	1090	15.35	12500	1.25				
	111	940	13.33	12100	1.35				
	124	840	11.93	11800	1.45				
	149	705	9.90*	11300	1.65	R 87	DRE 160MC4	140	274
	161	650	9.14*	11400	1.85	RF 87	DRE 160MC4	150	275
179	585	8.22	11100	2.00	RM 87	DRE 160MC4	180	275	
207	505	7.13	10700	2.1					
231	455	6.39	10400	2.2					
278	375	5.30*	9840	2.4					
136	770	10.88	4410	0.85	R 77	DRE 160MC4	115	271	
153	685	9.64	5130	0.90	RF 77	DRE 160MC4	120	272	
					RM 77	DRE 160MC4	145	272	
191	550	7.74	4750	1.10					
217	480	6.79	5350	1.20	R 77	DRE 160MC4	115	271	
246	425	5.99*	5800	1.25	RF 77	DRE 160MC4	120	272	
278	375	5.31*	6150	1.35	RM 77	DRE 160MC4	145	272	
284	365	5.19	8950	1.90					
317	330	4.65	8720	2.1					
351	295	4.20*	8510	2.8					
387	270	3.81	8300	3.0	RX 107	DRE 160MC4	180	248	
436	240	3.38	8050	3.4	RXF 107	DRE 160MC4	200	249	
480	215	3.07	7840	3.8					
559	188	2.64*	7520	4.4					

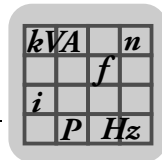


P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
11.0	326	320	4.52	7120	1.85				
	365	285	4.04	6940	2.1				
	405	255	3.64*	6760	2.3				
	447	230	3.30	6600	2.5				
	505	205	2.92	6400	2.9	RX 97	DRE 160MC4	150	246
	558	188	2.64	6240	3.2	RXF 97	DRE 160MC4	155	247
	658	160	2.24*	5970	3.7				
	754	139	1.96	5750	4.1				
	901	116	1.64	5470	4.3				
	1040	101	1.42	5240	4.5				
	424	245	3.48	5000	1.65				
	478	215	3.09	4880	1.85	RX 87	DRE 160MC4	125	244
	534	197	2.76*	4770	2.1	RXF 87	DRE 160MC4	130	245
	594	177	2.48	4660	2.3				
	685	153	2.15	4500	2.5				
	765	137	1.93	4380	2.6	RX 87	DRE 160MC4	125	244
	922	114	1.60*	4170	2.8	RXF 87	DRE 160MC4	130	245
	1060	99	1.39	4020	2.9				
	607	173	2.43	1980	1.25				
	692	152	2.13	2220	1.30	RX 77	DRE 160MC4	110	242
785	134	1.88*	2400	1.40	RXF 77	DRE 160MC4	110	243	
885	119	1.67	2530	1.45					
1035	101	1.42	2630	1.55					
15.0	6.4	20700	229	120000	0.85	R 167R107	DRE 180M4	920	287
	7.3	18000	200	120000	1.00	RF 167R107	DRE 180M4	930	287
	8.6	15200	169	120000	1.20	RM 167R107	DRE 180M4	1120	287
	6.5	20800	227	120000	0.85	R 167R107	DRE 180M4	910	287
	7.4	18100	198	120000	1.00	RF 167R107	DRE 180M4	920	287
						RM 167R107	DRE 180M4	1120	287
	6.4	22400	229.71	120000	0.80	R 167	DRE 180M4	740	285
	7.8	18200	186.93*	120000	1.00	RF 167	DRE 180M4	750	286
						RM 167	DRE 180M4	950	286
	9.6	14900	153.07	120000	1.20				
	10	13600	139.98	120000	1.30				
	12	11900	121.81*	120000	1.50	R 167	DRE 180M4	740	285
	14	10500	107.49	120000	1.70	RF 167	DRE 180M4	750	286
	16	9110	93.19	120000	2.00	RM 167	DRE 180M4	950	286
	18	8100	82.91*	120000	2.2				
	20	7200	73.70*	120000	2.5				
	22	6580	67.40	120000	2.7				
	9.0	15900	163.31	37100	0.80	R 147	DRE 180M4	500	283
	10.0	14300	146.91	58000	0.90	RF 147	DRE 180M4	510	284
	12	11700	119.86	65100	1.10	RM 147	DRE 180M4	670	284
	13	10600	109.31	66800	1.20				
	15	9240	94.60*	68800	1.40				
	18	8160	83.47	70100	1.60	R 147	DRE 180M4	500	283
	20	7040	72.09	71300	1.85	RF 147	DRE 180M4	510	284
	22	6540	66.99	71700	2.00	RM 147	DRE 180M4	670	284
	24	5970	61.09	72200	2.2				
	28	5160	52.87	72800	2.5				
	31	4560	46.65	73200	2.8				
	14	10000	103.20*	27000	0.80	R 137	DRE 180M4	370	281
	17	8670	88.70*	51100	0.90	RF 137	DRE 180M4	395	282
	18	7910	80.91*	53600	1.00	RM 137	DRE 180M4	500	282
	20	7180	73.49	55000	1.10				
	22	6370	65.20	56400	1.25				
	25	5780	59.17*	57400	1.40				
	29	4970	50.86*	58400	1.60	R 137	DRE 180M4	370	281
	33	4340	44.39	59200	1.85	RF 137	DRE 180M4	395	282
	39	3680	37.65	59800	2.2	RM 137	DRE 180M4	500	282
	45	3210	32.91	60200	2.5				
	53	2720	27.83	60500	2.8				
	31	4650	47.63	24400	0.90	R 107	DRE 180M4	285	279
36	3940	40.37*	23900	1.10	RF 107	DRE 180M4	295	280	
42	3440	35.26	23400	1.25	RM 107	DRE 180M4	380	280	
50	2880	29.49	22600	1.50					

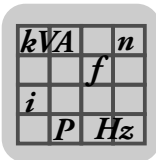
kVA	n
f	
i	P Hz

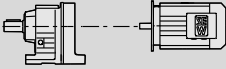

R..DRE/DRS
R..DRE/DRS [kW]

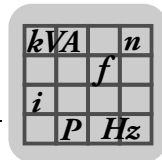
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]	
15.0	48	3000	30.77	22800	1.45			
	53	2690	27.58	22300	1.60			
	59	2430	24.90*	21900	1.75			
	65	2210	22.62	21400	1.95	R 107	DRE 180M4	280 279
	73	1960	20.07	20900	2.2	RF 107	DRE 180M4	285 280
	80	1780	18.21	20400	2.4	RM 107	DRE 180M4	375 280
	94	1530	15.65	19700	2.8			
	107	1330	13.66	19000	3.2			
	53	2690	27.58	16500	1.00	R 97	DRE 180M4	230 277
						RF 97	DRE 180M4	245 278
					RM 97	DRE 180M4	295 278	
59	2440	25.03	16300	1.15				
65	2180	22.37	16100	1.25				
73	1960	20.14	15800	1.35				
80	1780	18.24	15500	1.40				
91	1580	16.17	15200	1.50	R 97	DRE 180M4	225 277	
100	1420	14.62	14900	1.60	RF 97	DRE 180M4	245 278	
118	1210	12.39	14400	1.80	RM 97	DRE 180M4	295 278	
135	1050	10.83	14000	1.95				
158	900	9.29	13800	2.2				
175	820	8.39	13400	2.5				
206	695	7.12	12800	2.9				
236	605	6.21	12400	3.1				
86	1660	17.08*	11600	0.85	R 87	DRE 180M4	185 274	
95	1500	15.35	11500	0.90	RF 87	DRE 180M4	195 275	
110	1300	13.33	11300	1.00	RM 87	DRE 180M4	225 275	
123	1160	11.93	11100	1.05				
148	960	9.90*	10700	1.20				
160	890	9.14*	11000	1.35	R 87	DRE 180M4	185 274	
178	800	8.22	10700	1.45	RF 87	DRE 180M4	195 275	
205	695	7.13	10300	1.55	RM 87	DRE 180M4	225 275	
229	620	6.39	10100	1.65				
276	515	5.30*	9590	1.75				
282	505	5.19	8430	1.35				
315	450	4.65	8250	1.55	RX 107	DRE 180M4	225 248	
349	410	4.20*	8080	2.0	RXF 107	DRE 180M4	240 249	
384	370	3.81	7920	2.2				
433	330	3.38	7700	2.5				
477	300	3.07	7530	2.8				
555	255	2.64*	7250	3.2	RX 107	DRE 180M4	225 248	
636	225	2.30	7000	3.7	RXF 107	DRE 180M4	240 249	
750	191	1.95	6700	4.0				
858	167	1.71	6460	4.2				
1015	141	1.44	6160	4.6				
324	440	4.52	6660	1.35				
362	395	4.04	6520	1.50				
402	355	3.64*	6390	1.65				
444	320	3.30	6260	1.85				
501	285	2.92	6100	2.1	RX 97	DRE 180M4	190 246	
554	255	2.64	5960	2.3	RXF 97	DRE 180M4	200 247	
654	215	2.24*	5730	2.7				
749	191	1.96	5540	3.0				
895	160	1.64	5290	3.2				
1035	138	1.42	5080	3.3				
421	335	3.48	4280	1.20				
475	300	3.09	4500	1.35	RX 87	DRE 180M4	170 244	
531	265	2.76*	4420	1.50	RXF 87	DRE 180M4	175 245	
590	240	2.48	4340	1.65				
680	210	2.15	4230	1.85				
760	189	1.93	4130	1.90	RX 87	DRE 180M4	170 244	
916	156	1.60*	3960	2.0	RXF 87	DRE 180M4	175 245	
1055	136	1.39	3840	2.1				
18.5	7.8	22500	186.93*	120000	0.80	R 167	DRE 180L4	760 285
	9.6	18400	153.07	120000	1.00	RF 167	DRE 180L4	770 286
	10	16800	139.98	120000	1.05	RM 167	DRE 180L4	970 286
	12	14600	121.81*	120000	1.25			



P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
18.5	14	12900	107.49	120000	1.40						
	16	11200	93.19	120000	1.60	R	167	DRE	180L4	760	285
	18	9990	82.91*	120000	1.80	RF	167	DRE	180L4	770	286
	20	8880	73.70*	120000	2.0	RM	167	DRE	180L4	970	286
	22	8120	67.40	120000	2.2						
	25	7070	58.65	120000	2.6						
	12	14400	119.86	57000	0.90	R	147	DRE	180L4	520	283
	13	13100	109.31	62300	1.00	RF	147	DRE	180L4	530	284
	15	11400	94.60*	65600	1.15	RM	147	DRE	180L4	690	284
	18	10000	83.47	67700	1.30						
	20	8690	72.09	69500	1.50						
	22	8070	66.99	70200	1.60	R	147	DRE	180L4	520	283
	24	7360	61.09	71000	1.75	RF	147	DRE	180L4	530	284
	28	6370	52.87	71900	2.0	RM	147	DRE	180L4	690	284
	31	5620	46.65	72500	2.3						
	36	4850	40.29	73000	2.7						
	18	9750	80.91*	35600	0.80	R	137	DRE	180L4	390	281
	20	8860	73.49	50200	0.90	RF	137	DRE	180L4	415	282
	22	7860	65.20	53700	1.00	RM	137	DRE	180L4	520	282
	25	7130	59.17*	55100	1.10						
	29	6130	50.86*	56800	1.30						
	33	5350	44.39	58000	1.50	R	137	DRE	180L4	390	281
	39	4540	37.65	58900	1.75	RF	137	DRE	180L4	415	282
	45	3960	32.91	59500	2.0	RM	137	DRE	180L4	520	282
	53	3350	27.83	60100	2.3						
	50	3560	29.57*	59900	2.2						
	61	2900	24.12	60400	2.8	R	137	DRE	180L4	380	281
	67	2650	22.00*	60600	3.0	RF	137	DRE	180L4	405	282
	77	2290	19.04*	60800	3.5	RM	137	DRE	180L4	510	282
	87	2020	16.80*	60900	4.0						
	36	4860	40.37*	20200	0.90	R	107	DRE	180L4	305	279
	42	4250	35.26	22000	1.00	RF	107	DRE	180L4	310	280
	50	3550	29.49	21500	1.20	RM	107	DRE	180L4	400	280
	59	3000	24.90*	20900	1.45						
	65	2720	22.62	20600	1.60						
	73	2410	20.07	20100	1.80						
	80	2190	18.21	19700	1.95						
	94	1880	15.65	19100	2.3	R	107	DRE	180L4	300	279
	107	1640	13.66	18500	2.6	RF	107	DRE	180L4	305	280
	126	1390	11.59	17800	3.1	RM	107	DRE	180L4	395	280
	145	1220	10.13	17200	3.5						
	186	940	7.86	16300	3.1						
	220	800	6.66	15600	3.7						
	73	2420	20.14	14900	1.05						
	80	2190	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	R	97	DRE	180L4	245	277
135	1300	10.83	13500	1.60	RF	97	DRE	180L4	265	278	
158	1110	9.29	13400	1.80	RM	97	DRE	180L4	315	278	
175	1010	8.39	13100	2.0							
206	850	7.12	12600	2.3							
236	745	6.21	12100	2.5							
282	625	5.20	11600	2.8							
326	540	4.50*	11100	3.0							
110	1600	13.33	10600	0.80							
123	1430	11.93	10400	0.85							
148	1190	9.90*	10200	1.00	R	87	DRE	180L4	205	274	
160	1100	9.14*	10600	1.10	RF	87	DRE	180L4	215	275	
178	990	8.22	10300	1.15	RM	87	DRE	180L4	245	275	
205	860	7.13	10000	1.25							
229	770	6.39	9770	1.30							
276	635	5.30*	9350	1.40							
349	505	4.20*	7710	1.65							
384	460	3.81	7580	1.80	RX	107	DRE	180L4	245	248	
433	405	3.38	7400	2.0	RXF	107	DRE	180L4	260	249	
477	370	3.07	7250	2.2							


R..DRE/DRS
R..DRE/DRS [kW]

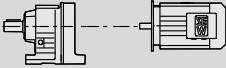

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
18.5	555	315	2.64*	7000	2.6						
	636	275	2.30	6780	3.0	RX	107	DRE	180L4	245	248
	750	235	1.95	6510	3.2	RXF	107	DRE	180L4	260	249
	858	205	1.71	6290	3.4						
	1015	174	1.44	6020	3.7						
	402	435	3.64*	6060	1.35						
	444	395	3.30	5960	1.50						
	501	350	2.92	5830	1.70						
	554	315	2.64	5710	1.85	RX	97	DRE	180L4	210	246
	654	270	2.24*	5510	2.2	RXF	97	DRE	180L4	220	247
	749	235	1.96	5350	2.4						
	895	197	1.64	5120	2.6						
	1035	171	1.42	4940	2.7						
	531	330	2.76*	3040	1.20						
	590	295	2.48	3340	1.35						
680	255	2.15	3630	1.50	RX	87	DRE	180L4	185	244	
760	230	1.93	3820	1.55	RXF	87	DRE	180L4	190	245	
916	193	1.60*	3770	1.65							
1055	168	1.39	3660	1.75							
22	9.6	21800	153.07	120000	0.85	R	167	DRE	180LC4	780	285
	11	19900	139.98	120000	0.90	RF	167	DRE	180LC4	780	286
	12	17300	121.81*	120000	1.05	RM	167	DRE	180LC4	980	286
	14	15300	107.49	120000	1.20						
	16	13200	93.19	120000	1.35						
	18	11800	82.91*	120000	1.50	R	167	DRE	180LC4	780	285
	20	10400	73.70*	120000	1.70	RF	167	DRE	180LC4	780	286
	22	9590	67.40	120000	1.90	RM	167	DRE	180LC4	980	286
	25	8350	58.65	120000	2.2						
	28	7370	51.76	120000	2.4						
	33	6390	44.87	120000	2.8						
	13	15500	109.31	42800	0.85	R	147	DRE	180LC4	530	283
	16	13400	94.60*	61700	0.95	RF	147	DRE	180LC4	540	284
	18	11800	83.47	64800	1.10	RM	147	DRE	180LC4	700	284
	20	10200	72.09	67400	1.25						
	22	9540	66.99	68400	1.35						
	24	8700	61.09	69500	1.50						
	28	7530	52.87	70800	1.75	R	147	DRE	180LC4	530	283
	32	6640	46.65	71700	1.95	RF	147	DRE	180LC4	540	284
	37	5730	40.29	72400	2.3	RM	147	DRE	180LC4	700	284
	41	5070	35.64	72900	2.6						
	49	4260	29.95	73400	3.0						
	23	9280	65.20	44700	0.85	R	137	DRE	180LC4	400	281
	25	8420	59.17*	52200	0.95	RF	137	DRE	180LC4	425	282
	29	7240	50.86*	54900	1.10	RM	137	DRE	180LC4	540	282
	33	6320	44.39	56500	1.25						
	39	5360	37.65	57900	1.50	R	137	DRE	180LC4	400	281
	45	4680	32.91	58800	1.70	RF	137	DRE	180LC4	425	282
	53	3960	27.83	59500	1.95	RM	137	DRE	180LC4	540	282
	50	4210	29.57*	59300	1.85						
	61	3430	24.12	60000	2.3	R	137	DRE	180LC4	390	281
	67	3130	22.00*	60200	2.6	RF	137	DRE	180LC4	415	282
	77	2710	19.04*	60500	3.0	RM	137	DRE	180LC4	530	282
	88	2390	16.80*	60700	3.3						
	102	2060	14.51	60900	3.9	R	137	DRE	180LC4	390	281
	115	1820	12.83	61000	4.4	RF	137	DRE	180LC4	415	282
						RM	137	DRE	180LC4	530	282
	42	5020	35.26	10900	0.85	R	107	DRE	180LC4	315	279
	50	4200	29.49	20400	1.00	RF	107	DRE	180LC4	325	280
						RM	107	DRE	180LC4	410	280
	59	3540	24.90*	20000	1.20	R	107	DRE	180LC4	310	279
	65	3220	22.62	19700	1.35	RF	107	DRE	180LC4	315	280
74	2850	20.07	19300	1.50	RM	107	DRE	180LC4	405	280	

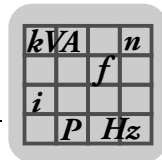


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
22	81	2590	18.21	19000	1.65						
	94	2220	15.65	18400	1.95						
	108	1940	13.66	17900	2.2						
	127	1650	11.59	17300	2.6	R	107	DRE	180LC4	310	279
	146	1440	10.13	16800	3.0	RF	107	DRE	180LC4	315	280
	172	1210	8.56	16100	3.5	RM	107	DRE	180LC4	405	280
	188	1110	7.86	16000	2.6						
	221	940	6.66	15300	3.1						
	253	820	5.82	14800	3.6						
	73	2860	20.14	14000	0.90	R	97	DRE	180LC4	255	277
	81	2590	18.24	13900	0.95	RF	97	DRE	180LC4	275	278
	91	2300	16.17	13700	1.05	RM	97	DRE	180LC4	325	278
	101	2080	14.62	13500	1.10						
	119	1760	12.39	13200	1.25						
	136	1540	10.83	12900	1.35						
	159	1320	9.29	13100	1.55	R	97	DRE	180LC4	255	277
	176	1190	8.39	12800	1.70	RF	97	DRE	180LC4	275	278
	207	1010	7.12	12300	1.95	RM	97	DRE	180LC4	325	278
	237	880	6.21	11900	2.1						
	284	740	5.20	11300	2.4						
	328	640	4.50*	10900	2.5						
	149	1410	9.90*	9640	0.85						
	161	1300	9.14*	10100	0.95	R	87	DRE	180LC4	215	274
	179	1170	8.22	9950	1.00	RF	87	DRE	180LC4	225	275
	207	1010	7.13	9680	1.05	RM	87	DRE	180LC4	255	275
231	900	6.39	9470	1.10							
278	750	5.30*	9100	1.20							
351	595	4.20*	7330	1.40							
387	540	3.81	7220	1.55	RX	107	DRE	180LC4	255	248	
436	480	3.38	7080	1.70	RXF	107	DRE	180LC4	270	249	
480	435	3.07	6950	1.90							
559	375	2.64*	6750	2.2							
640	325	2.30	6550	2.5							
755	275	1.95	6310	2.8	RX	107	DRE	180LC4	255	248	
863	240	1.71	6110	2.9	RXF	107	DRE	180LC4	270	249	
1020	205	1.44	5860	3.1							
405	515	3.64*	5720	1.15							
447	465	3.30	5650	1.25							
505	415	2.92	5550	1.45							
558	375	2.64	5460	1.60	RX	97	DRE	180LC4	225	246	
658	315	2.24*	5290	1.85	RXF	97	DRE	180LC4	230	247	
754	275	1.96	5150	2.0							
901	230	1.64	4950	2.2							
1040	200	1.42	4780	2.2							
534	390	2.76*	1310	1.05							
594	350	2.48	1750	1.15							
685	305	2.15	2190	1.25	RX	87	DRE	180LC4	200	244	
765	270	1.93	2480	1.30	RXF	87	DRE	180LC4	205	245	
922	225	1.60*	2780	1.40							
1060	198	1.39	3060	1.45							
30	14	20800	107.49	120000	0.85	R	167	DRE	200L4	860	285
	16	18000	93.19	120000	1.00	RF	167	DRE	200L4	870	286
	18	16100	82.91*	120000	1.10	RM	167	DRE	200L4	1070	286
	20	14300	73.70*	120000	1.25						
	22	13000	67.40	120000	1.40						
	25	11300	58.65	120000	1.60						
	28	10000	51.76	120000	1.80	R	167	DRE	200L4	860	285
	33	8710	44.87	120000	2.1	RF	167	DRE	200L4	870	286
	37	7750	39.92	120000	2.3	RM	167	DRE	200L4	1070	286
	43	6680	34.41	120000	2.7						
	53	5430	27.96	120000	3.3						
	62	4600	23.71	120000	3.9						
	18	16200	83.47	33300	0.80	R	147	DRE	200L4	620	283
	20	14000	72.09	60500	0.95	RF	147	DRE	200L4	630	284
	22	13000	66.99	62600	1.00	RM	147	DRE	200L4	790	284
	24	11800	61.09	64800	1.10						

kVA	n
f	
i	
P	H_z

R..DRE/DRS
R..DRE/DRS [kW]

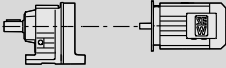

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
30	28	10200	52.87	67400	1.25						
	32	9060	46.65	69000	1.45	R	147	DRE	200L4	620	283
	37	7820	40.29	70500	1.65	RF	147	DRE	200L4	630	284
	41	6920	35.64	71400	1.90	RM	147	DRE	200L4	790	284
	49	5810	29.95	72400	2.2						
	61	4690	24.19	73100	2.5						
	72	3960	20.44	73600	3.0	R	147	DRE	200L4	600	283
	82	3500	18.04	73800	3.0	RF	147	DRE	200L4	610	284
	94	3030	15.64	74000	4.3	RM	147	DRE	200L4	780	284
	29	9870	50.86*	32800	0.80						
	33	8620	44.39	51300	0.95	R	137	DRE	200L4	490	281
	39	7310	37.65	54800	1.10	RF	137	DRE	200L4	510	282
	45	6390	32.91	56400	1.25	RM	137	DRE	200L4	620	282
	53	5400	27.83	57900	1.40						
	61	4680	24.12	58800	1.70	R	137	DRE	200L4	480	281
	67	4270	22.00*	59200	1.85	RF	137	DRE	200L4	500	282
	77	3690	19.04*	59800	2.2	RM	137	DRE	200L4	610	282
	88	3260	16.80*	60100	2.4						
	102	2810	14.51	59500	2.8						
	115	2490	12.83	58400	3.2	R	137	DRE	200L4	480	281
	137	2090	10.79	56600	3.8	RF	137	DRE	200L4	500	282
	194	1470	7.59	53300	3.5	RM	137	DRE	200L4	610	282
	231	1230	6.38	51200	4.1						
	74	3890	20.07	17600	1.10						
	81	3530	18.21	17400	1.20						
	94	3030	15.65	17100	1.40						
	108	2650	13.66	16800	1.60						
	127	2250	11.59	16300	1.90	R	107	DRE	200L4	400	279
	146	1960	10.13	15900	2.2	RF	107	DRE	200L4	405	280
	172	1660	8.56	15400	2.6	RM	107	DRE	200L4	495	280
188	1520	7.86	15500	1.95							
221	1290	6.66	14900	2.3							
253	1130	5.82	14400	2.6							
300	950	4.92	13700	3.0							
101	2840	14.62	12000	0.80							
119	2400	12.39	11900	0.90	R	97	DRE	200L4	345	277	
136	2100	10.83	11800	1.00	RF	97	DRE	200L4	360	278	
159	1800	9.29	12300	1.15	RM	97	DRE	200L4	415	278	
176	1630	8.39	12100	1.25							
207	1380	7.12	11700	1.45	R	97	DRE	200L4	345	277	
237	1200	6.21	11300	1.55	RF	97	DRE	200L4	360	278	
284	1000	5.20	10900	1.75	RM	97	DRE	200L4	415	278	
328	870	4.50*	10500	1.85							
436	655	3.38	6370	1.25							
480	595	3.07	6300	1.40							
559	510	2.64*	6180	1.60							
640	445	2.30	6050	1.85	RX	107	DRE	200L4	345	248	
755	375	1.95	5870	2.0	RXF	107	DRE	200L4	360	249	
863	330	1.71	5710	2.1							
1020	280	1.44	5520	2.3							
505	565	2.92	3140	1.05							
558	510	2.64	3580	1.15							
658	435	2.24*	4070	1.35	RX	97	DRE	200L4	310	246	
754	380	1.96	4460	1.50	RXF	97	DRE	200L4	320	247	
901	315	1.64	4570	1.60							
1040	275	1.42	4450	1.65							
37	16	22200	93.19	120000	0.80						
	18	19800	82.91*	120000	0.90						
	20	17600	73.70*	120000	1.00						
	22	16100	67.40	120000	1.10						
	25	14000	58.65	120000	1.30	R	167	DRE	225S4	890	285
	29	12300	51.76	120000	1.45	RF	167	DRE	225S4	900	286
	33	10700	44.87	120000	1.70	RM	167	DRE	225S4	1100	286
	37	9540	39.92	120000	1.90						
	43	8230	34.41	120000	2.2						
	53	6680	27.96	120000	2.7						

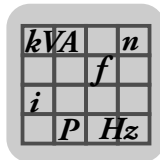


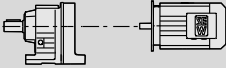

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m	
										[kg]	
37	48	7340	30.71	120000	1.35						
	60	5870	24.57	120000	2.4	R	167	DRE	225S4	890	285
	68	5220	21.85	120000	2.5	RF	167	DRE	225S4	890	286
	78	4550	19.03	120000	3.5	RM	167	DRE	225S4	1090	286
	87	4060	16.98	120000	3.7						
	22	16000	66.99	36200	0.80	R	147	DRE	225S4	650	283
	24	14600	61.09	55000	0.90	RF	147	DRE	225S4	660	284
	28	12600	52.87	63400	1.05	RM	147	DRE	225S4	820	284
	32	11100	46.65	66000	1.15						
	37	9630	40.29	68300	1.35	R	147	DRE	225S4	650	283
	41	8520	35.64	69700	1.50	RF	147	DRE	225S4	660	284
	49	7160	29.95	71200	1.80	RM	147	DRE	225S4	820	284
	61	5780	24.19	72400	2.1						
	72	4880	20.44	73000	2.4	R	147	DRE	225S4	630	283
	82	4310	18.04	73400	2.4	RF	147	DRE	225S4	640	284
	94	3740	15.64	73700	3.5	RM	147	DRE	225S4	810	284
	106	3320	13.91	73900	3.8	R	147	DRE	225S4	630	283
						RF	147	DRE	225S4	640	284
						RM	147	DRE	225S4	810	284
	39	9000	37.65	49200	0.90	R	137	DRE	225S4	520	281
	45	7870	32.91	53700	1.00	RF	137	DRE	225S4	540	282
	53	6650	27.83	56000	1.15	RM	137	DRE	225S4	650	282
	61	5770	24.12	57400	1.40	R	137	DRE	225S4	510	281
	67	5260	22.00*	58100	1.50	RF	137	DRE	225S4	530	282
	78	4550	19.04*	57800	1.75	RM	137	DRE	225S4	640	282
	88	4010	16.80*	57300	2.00						
	102	3470	14.51	56500	2.3						
	115	3070	12.83	55700	2.6						
	137	2580	10.79	54400	3.1	R	137	DRE	225S4	510	281
	170	2080	8.71	52500	3.8	RF	137	DRE	225S4	530	282
	195	1810	7.59	51800	2.8	RM	137	DRE	225S4	640	282
	232	1520	6.38	50000	3.4						
	287	1230	5.15	47700	3.7						
	74	4800	20.07	16100	0.90						
	81	4350	18.21	16100	1.00						
	94	3740	15.65	15900	1.15						
	108	3260	13.66	15700	1.30						
127	2770	11.59	15400	1.55	R	107	DRE	225S4	430	279	
146	2420	10.13	15100	1.75	RF	107	DRE	225S4	435	280	
172	2040	8.56	14700	2.1	RM	107	DRE	225S4	520	280	
188	1870	7.86	15000	1.60							
222	1590	6.66	14400	1.85							
254	1390	5.82	14000	2.1							
300	1170	4.92	13400	2.5							
436	800	3.38	4510	1.05							
481	730	3.07	4990	1.15							
559	630	2.64*	5560	1.30							
641	550	2.30	5610	1.50	RX	107	DRE	225S4	375	248	
756	465	1.95	5480	1.65	RXF	107	DRE	225S4	390	249	
865	405	1.71	5370	1.70							
1025	345	1.44	5220	1.85							
45	20	21400	73.70*	120000	0.85	R	167	DRE	225M4	920	285
	22	19500	67.40	120000	0.90	RF	167	DRE	225M4	920	286
	25	17000	58.65	120000	1.05	RM	167	DRE	225M4	1120	286
	29	15000	51.76	120000	1.20						
	33	13000	44.87	120000	1.40						
	37	11600	39.92	120000	1.55	R	167	DRE	225M4	920	285
	43	10000	34.41	120000	1.80	RF	167	DRE	225M4	920	286
	53	8120	27.96	120000	2.2	RM	167	DRE	225M4	1120	286
	62	6890	23.71	120000	2.6						
	48	8920	30.71	120000	1.10						
	60	7140	24.57	120000	1.95	R	167	DRE	225M4	910	285
	68	6350	21.85	120000	2.0	RF	167	DRE	225M4	920	286
	78	5530	19.03	120000	2.9	RM	167	DRE	225M4	1110	286
	87	4930	16.98	120000	3.0						

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DRE/DRS [kW]

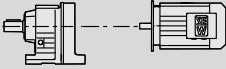

P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]		
						R	RF	RM	DRE			225M4
45	28	15300	52.87	45500	0.85							
	32	13500	46.65	61500	0.95	R	147	DRE	225M4	670	283	
	37	11700	40.29	65100	1.10	RF	147	DRE	225M4	680	284	
	41	10300	35.64	67300	1.25	RM	147	DRE	225M4	840	284	
	49	8700	29.95	69500	1.50							
	61	7030	24.19	71300	1.70							
	72	5940	20.44	72300	2.0							
	82	5240	18.04	72800	2.0	R	147	DRE	225M4	650	283	
	95	4540	15.64	73200	2.9	RF	147	DRE	225M4	660	284	
	106	4040	13.91	73500	3.1	RM	147	DRE	225M4	830	284	
	123	3480	11.99	73800	3.7							
	204	2100	7.25	74300	4.1							
	45	9560	32.91	39600	0.85	R	137	DRE	225M4	540	281	
	53	8090	27.83	51300	0.95	RF	137	DRE	225M4	560	282	
						RM	137	DRE	225M4	670	282	
	61	7010	24.12	52400	1.15	R	137	DRE	225M4	530	281	
	67	6390	22.00*	52900	1.25	RF	137	DRE	225M4	550	282	
	78	5530	19.04*	53300	1.45	RM	137	DRE	225M4	660	282	
	88	4880	16.80*	53400	1.65							
	102	4210	14.51	53200	1.90							
	115	3730	12.83	52700	2.1							
	137	3130	10.79	51900	2.6	R	137	DRE	225M4	530	281	
	170	2530	8.71	50500	3.1	RF	137	DRE	225M4	550	282	
	195	2200	7.59	50200	2.3	RM	137	DRE	225M4	660	282	
	232	1850	6.38	48600	2.8							
	287	1490	5.15	46600	3.1							
	94	4550	15.65	14600	0.95							
	108	3970	13.66	14600	1.10							
	128	3360	11.59	14400	1.30							
	146	2940	10.13	14300	1.45	R	107	DRE	225M4	450	279	
	173	2480	8.56	14000	1.75	RF	107	DRE	225M4	455	280	
	188	2280	7.86	14400	1.30	RM	107	DRE	225M4	540	280	
	222	1930	6.66	13900	1.55							
	254	1690	5.82	13600	1.75							
	300	1430	4.92	13100	2.0							
	437	980	3.38	1420	0.85							
	481	890	3.07	2130	0.95							
	560	765	2.64*	3010	1.10	RX	107	DRE	225M4	395	248	
	641	670	2.30	3680	1.25	RXF	107	DRE	225M4	410	249	
	756	565	1.95	4230	1.35							
	865	495	1.71	4570	1.40							
	1025	420	1.44	4880	1.55							
	55	25	20800	58.65	120000	0.85						
		28	18400	51.76	120000	1.00						
		33	15900	44.87	120000	1.15	R	167	DRE	250M4	1050	285
		37	14200	39.92	120000	1.25	RF	167	DRE	250M4	1060	286
		43	12200	34.41	120000	1.45	RM	167	DRE	250M4	1250	286
		53	9950	27.96	120000	1.80						
62		8440	23.71	120000	2.1							
60		8740	24.57	120000	1.60	R	167	DRE	250M4	1040	285	
68		7770	21.85	120000	1.65	RF	167	DRE	250M4	1050	286	
77		6770	19.03	120000	2.4	RM	167	DRE	250M4	1250	286	
87		6040	16.98	120000	2.5	R	167	DRE	250M4	1040	285	
102		5150	14.48	120000	3.5	RF	167	DRE	250M4	1050	286	
123		4270	11.99	120000	4.0	RM	167	DRE	250M4	1250	286	
32		16600	46.65	26600	0.80							
37		14300	40.29	58200	0.90	R	147	DRE	250M4	800	283	
41		12600	35.64	63300	1.00	RF	147	DRE	250M4	810	284	
49		10600	29.95	66800	1.20	RM	147	DRE	250M4	980	284	
61		8610	24.19	69600	1.40							
72		7270	20.44	71100	1.65							
82		6420	18.04	71900	1.65	R	147	DRE	250M4	790	283	
94		5560	15.64	72500	2.3	RF	147	DRE	250M4	800	284	
106		4950	13.91	73000	2.5	RM	147	DRE	250M4	960	284	
123		4260	11.99	73400	3.0							
151		3460	9.74	73800	3.8	R	147	DRE	250M4	790	283	
203		2580	7.25	74200	3.4	RF	147	DRE	250M4	800	284	
250		2090	5.89	72500	4.1	RM	147	DRE	250M4	960	284	

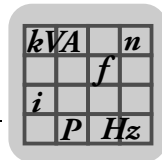


P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						R	RF	RM	DRE		
55	77	6770	19.04*	47800	1.20	R	137	DRE	250M4	660	281
	88	5980	16.80*	48500	1.35	RF	137	DRE	250M4	690	282
	102	5160	14.51	48900	1.55	RM	137	DRE	250M4	800	282
	115	4560	12.83	49000	1.75						
	137	3840	10.79	48800	2.1						
	169	3100	8.71	48000	2.5	R	137	DRE	250M4	660	281
	194	2700	7.59	48100	1.90	RF	137	DRE	250M4	690	282
	231	2270	6.38	46900	2.2	RM	137	DRE	250M4	800	282
286	1830	5.15	45200	2.5							
75	33	21700	44.87	120000	0.85						
	37	19300	39.92	120000	0.95	R	167	DRE	280S4	1130	285
	43	16600	34.41	120000	1.10	RF	167	DRE	280S4	1130	286
	53	13500	27.96	120000	1.35	RM	167	DRE	280S4	1330	286
	62	11400	23.71	120000	1.55						
	60	11800	24.57	120000	1.20						
	68	10500	21.85	120000	1.25						
	78	9210	19.03	120000	1.75	R	167	DRE	280S4	1120	285
	87	8210	16.98	120000	1.85	RF	167	DRE	280S4	1130	286
	102	7000	14.48	120000	2.6	RM	167	DRE	280S4	1320	286
	123	5800	11.99	116600	2.9						
	145	4950	10.24	112800	3.4						
	49	14400	29.95	56500	0.90	R	147	DRE	280S4	880	283
	61	11700	24.19	65100	1.00	RF	147	DRE	280S4	890	284
						RM	147	DRE	280S4	1050	284
	72	9890	20.44	67900	1.20						
	82	8720	18.04	69500	1.20						
	95	7560	15.64	70800	1.70						
	106	6730	13.91	71600	1.85						
123	5800	11.99	72400	2.2	R	147	DRE	280S4	860	283	
152	4710	9.74	73100	2.8	RF	147	DRE	280S4	870	284	
179	3990	8.26	73500	3.2	RM	147	DRE	280S4	1040	284	
204	3500	7.25	73100	2.5							
251	2850	5.89	70100	3.0							
296	2410	5.00	67600	3.6							
90	37	23100	39.92	120000	0.80						
	43	19900	34.41	120000	0.90	R	167	DRE	280M4	1130	285
	53	16200	27.96	120000	1.10	RF	167	DRE	280M4	1130	286
	62	13700	23.71	120000	1.30	RM	167	DRE	280M4	1330	286
	78	11000	19.03	120000	1.45						
						R	167	DRE	280M4	1120	285
						RF	167	DRE	280M4	1130	286
						RM	167	DRE	280M4	1320	286
	87	9860	16.98	120000	1.50						
	102	8400	14.48	117300	2.1	R	167	DRE	280M4	1120	285
	123	6960	11.99	113500	2.4	RF	167	DRE	280M4	1130	286
	145	5940	10.24	110100	2.9	RM	167	DRE	280M4	1320	286
	95	9080	15.64	69000	1.45						
	106	8070	13.91	70200	1.55	R	147	DRE	280M4	860	283
						RF	147	DRE	280M4	870	284
						RM	147	DRE	280M4	1040	284
	123	6960	11.99	71400	1.85						
	152	5650	9.74	72500	2.3						
	179	4790	8.26	73000	2.7	R	147	DRE	280M4	860	283
204	4210	7.25	70900	2.1	RF	147	DRE	280M4	870	284	
251	3420	5.89	68300	2.5	RM	147	DRE	280M4	1040	284	
296	2900	5.00	66100	3.0							
110	53	19800	27.96	117100	0.90	R	167	DRE	315K4	1440	285
	63	16700	23.71	116900	1.05	RF	167	DRE	315K4	1440	286
						RM	167	DRE	315K4	1640	286
	78	13400	19.03	115500	1.20						
						R	167	DRE	315K4/ERF/NS	1430	285
						RF	167	DRE	315K4/ERF/NS	1440	286
						RM	167	DRE	315K4/ERF/NS	1630	286
	87	12000	16.98	114300	1.25						
	102	10200	14.48	112200	1.75	R	167	DRE	315K4	1430	285
124	8490	11.99	109300	2.0	RF	167	DRE	315K4	1440	286	
145	7250	10.24	106500	2.3	RM	167	DRE	315K4	1630	286	
132	63	20100	23.71	107900	0.90	R	167	DRE	315S4	1520	285
						RF	167	DRE	315S4	1520	286
						RM	167	DRE	315S4	1720	286



kVA		n
	f	
i		
P	Hz	

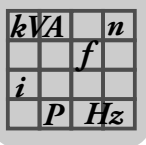
R..DRE/DRS
R..DRE/DRS [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
132	78	16100	19.03	108300	1.00	R	167	DRE	315S4/ERF/NS	1510	285
	87	14400	16.98	107800	1.05	RF	167	DRE	315S4/ERF/NS	1520	286
						RM	167	DRE	315S4/ERF/NS	1710	286
	103	12200	14.48	106700	1.45	R	167	DRE	315S4	1510	285
	124	10100	11.99	104700	1.65	RF	167	DRE	315S4	1520	286
	145	8680	10.24	102600	1.95	RM	167	DRE	315S4	1710	286
160	103	14900	14.48	99700	1.20	R	167	DRE	315M4	1670	285
	124	12300	11.99	98900	1.40	RF	167	DRE	315M4	1680	286
	145	10500	10.24	97600	1.60	RM	167	DRE	315M4	1870	286

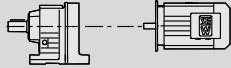



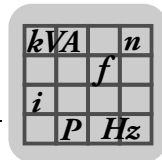
8.4 R..R..DRE/DRS [Nm]

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]		m [kg]				
130	0.16	8612	4230						
	0.19	7425	4230						
	0.20	6921	4230						
	0.23	6050	4230						
	0.26	5217	4230						
	0.30	4661	4230	R	27R17	DR	63S4	12	287
	0.34	4073	4230	RF	27R17	DR	63S4	11	287
	0.39	3516	4230						
	0.44	3160	4230						
	0.50	2763	4230						
	0.57	2414	4230						
	0.65	2110	4230						
	0.76	1822	4230						
	0.87	1580	4230						
	0.94	1464	4230						
	1.1	1270	4230						
	1.2	1100	4230	R	27R17	DR	63S4	11	287
	1.4	972	4230	RF	27R17	DR	63S4	11	287
	1.6	840	4230						
	1.9	741	4230						
	2.1	654	4230						
	2.4	566	4230						
	2.8	499	4230						
	3.1	440	4230						
	3.6	381	4230						
	4.2	329	4230						
	4.8	290	4230	R	27R17	DR	63S4	11	287
	5.4	256	4230	RF	27R17	DR	63S4	11	287
6.1	227	4230							
6.8	203	4230							
7.4	179	4230							
8.5	156	4230	R	27R17	DR	63M4	11	287	
9.8	135	4230	RF	27R17	DR	63M4	11	287	
11	118	4230							
12	104	4230	R	27R17	DR	63L4	12	287	
14	90	4230	RF	27R17	DR	63L4	12	287	
200	0.16	8595	4940						
	0.19	7411	4940						
	0.20	6907	4940						
	0.23	6038	4940						
	0.27	5206	4940						
	0.30	4651	4940	R	37R17	DR	63S4	17	287
	0.34	4065	4940	RF	37R17	DR	63S4	19	287
	0.38	3658	4940						
	0.44	3154	4940						
	0.50	2757	4940						
	0.57	2409	4940						
	0.66	2106	4940						
	0.76	1818	4940						
	0.88	1576	4940						
	1.0	1359	4940						
	1.1	1267	4940						
	1.3	1098	4940						
	1.4	970	4940	R	37R17	DR	63S4	17	287
	1.6	839	4940	RF	37R17	DR	63S4	19	287
	1.9	740	4940						
	2.1	653	4940						
	2.4	577	4940						
	2.8	498	4940						
	3.1	439	4940						
	3.6	378	4940	R	37R17	DR	63S4	17	287
	4.2	328	4940	RF	37R17	DR	63S4	18	287
	4.8	289	4940						
	5.0	265	4940						
5.8	226	4940	R	37R17	DR	63M4	17	287	
6.5	202	4940	RF	37R17	DR	63M4	18	287	
7.4	179	4940							

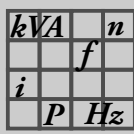


R..DRE/DRS
R..R..DRE/DRS [Nm]

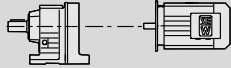

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
200	8.4	156	4940							
	9.7	135	4940	R	37R17	DR	63L4	18	287	
	10	127	4940	RF	37R17	DR	63L4	19	287	
	13	104	4940	R	37R17	DRS	71S4	19	287	
	15	90	4940	RF	37R17	DRS	71S4	21	287	
300	0.10	13598	5420							
	0.11	12472	5420							
	0.13	10619	5420							
	0.15	9155	5420							
	0.16	8534	5420							
	0.18	7460	5420							
	0.20	6993	5420							
	0.22	6171	5420							
	0.25	5624	5420		R	47R37	DR	63S4	29	287
	0.28	4849	5420		RF	47R37	DR	63S4	29	287
	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	47R37	DR	63S4	29	287
	1.0	1336	5420		RF	47R37	DR	63S4	29	287
	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	47R37	DR	63S4	28	287
	2.8	502	5420		RF	47R37	DR	63S4	28	287
	3.2	429	5420							
	3.6	372	5420		R	47R37	DR	63M4	28	287
3.8	348	5420		RF	47R37	DR	63M4	28	287	
4.4	301	5420								
5.1	255	5420		R	47R37	DR	63L4	29	287	
5.7	228	5420		RF	47R37	DR	63L4	29	287	
450	0.10	14369	7100							
	0.11	12095	7100							
	0.13	10860	7100							
	0.15	9445	7100							
	0.16	8480	7100							
	0.19	7312	7100							
	0.21	6521	7100							
	0.25	5585	7100		R	57R37	DR	63S4	34	287
	0.28	4928	7100		RF	57R37	DR	63S4	38	287
	0.32	4378	7100		RM	57R37	DR	63S4	50	287
	0.36	3873	7100							
	0.41	3344	7100							
	0.47	2907	7100							
	0.54	2567	7100							
	0.61	2244	7100							
	0.70	1967	7100							
	0.80	1732	7100							
	0.89	1555	7100							
	0.99	1399	7100		R	57R37	DR	63S4	34	287
	1.2	1189	7100		RF	57R37	DR	63S4	38	287
	1.3	1034	7100		RM	57R37	DR	63S4	50	287
	1.8	782	7100							
	2.0	678	7100							
	2.2	604	7100		R	57R37	DR	63M4	34	287
	2.5	537	7100		RF	57R37	DR	63M4	38	287
	2.8	471	7100		RM	57R37	DR	63M4	50	287

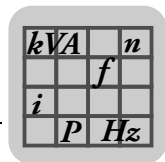


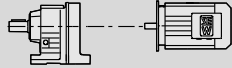

$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
450	3.6	357	7100	R	57R37	DR	63L4	35	287
	4.1	319	7100	RF	57R37	DR	63L4	38	287
				RM	57R37	DR	63L4	50	287
	5.1	273	7100	R	57R37	DRS	71S4	37	287
	5.7	241	7100	RF	57R37	DRS	71S4	40	287
				RM	57R37	DRS	71S4	52	287
600	0.09	15361	7560						
	0.11	12931	7560						
	0.12	11996	7560						
	0.14	10097	7560						
	0.15	9066	7560						
	0.18	7816	7560						
	0.20	6732	7560						
	0.23	5970	7560	R	67R37	DR	63S4	41	287
	0.26	5268	7560	RF	67R37	DR	63S4	44	287
	0.29	4680	7560	RM	67R37	DR	63S4	60	287
	0.33	4136	7560						
	0.39	3566	7560						
	0.44	3125	7560						
	0.50	2745	7560						
	0.57	2403	7560						
	0.51	2682	7560						
	0.56	2460	7560						
	0.66	2094	7560	R	67R37	DR	63S4	40	287
	0.76	1805	7560	RF	67R37	DR	63S4	43	287
	0.85	1629	7560	RM	67R37	DR	63S4	59	287
	0.94	1471	7560						
	1.0	1379	7560						
	1.8	730	7560	R	67R37	DR	63M4	40	287
	2.3	571	7560	RF	67R37	DR	63M4	43	287
				RM	67R37	DR	63M4	59	287
	2.7	486	7560	R	67R37	DR	63L4	41	287
				RF	67R37	DR	63L4	44	287
				RM	67R37	DR	63L4	60	287
	0.84	1652	7560	R	67R37	DR	63S4	41	287
	0.96	1432	7560	RF	67R37	DR	63S4	44	287
	1.1	1259	7560	RM	67R37	DR	63S4	60	287
	1.2	1106	7560						
	1.6	836	7560	R	67R37	DR	63M4	41	287
	1.8	750	7560	RF	67R37	DR	63M4	44	287
	2.0	646	7560	RM	67R37	DR	63M4	60	287
	2.3	574	7560						
	2.6	495	7560	R	67R37	DR	63L4	41	287
	3.0	438	7560	RF	67R37	DR	63L4	45	287
	3.4	388	7560	RM	67R37	DR	63L4	60	287
	4.0	344	7560	R	67R37	DRS	71S4	43	287
	4.7	294	7560	RF	67R37	DRS	71S4	47	287
				RM	67R37	DRS	71S4	62	287
820	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	R	77R37	DR	63S4	46	287
	0.20	6770	9920	RF	77R37	DR	63S4	52	287
	0.24	5838	9920	RM	77R37	DR	63S4	77	287
	0.27	5184	9920						
	0.31	4470	9920						
	0.35	3999	9920						
	0.40	3488	9920						
	0.45	3053	9920						
	0.52	2671	9920						

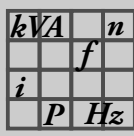


R..DRE/DRS
R..R..DRE/DRS [Nm]

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]				m [kg]	
820	0.44	3151	9920					
	0.48	2890	9920					
	0.56	2460	9920					
	0.65	2121	9920	R	77R37	DR	63S4	45 287
	0.70	1977	9920	RF	77R37	DR	63S4	51 287
	0.80	1728	9920	RM	77R37	DR	63S4	76 287
	0.85	1620	9920					
	0.97	1430	9920					
	1.1	1303	9920					
	1.2	1124	9920					
	1.3	1047	9920	R	77R37	DR	63M4	45 287
	1.4	915	9920	RF	77R37	DR	63M4	51 287
	1.5	858	9920	RM	77R37	DR	63M4	76 287
	1.7	757	9920					
	1.9	671	9920	R	77R37	DR	63L4	46 287
	2.3	571	9920	RF	77R37	DR	63L4	52 287
				RM	77R37	DR	63L4	77 287
	2.3	560	9920	R	77R37	DR	63L4	47 287
				RF	77R37	DR	63L4	53 287
				RM	77R37	DR	63L4	78 287
	2.8	488	9920	R	77R37	DRS	71S4	49 287
	3.2	436	9920	RF	77R37	DRS	71S4	55 287
	3.7	373	9920	RM	77R37	DRS	71S4	80 287
	4.2	327	9920	R	77R37	DRS	71M4	50 287
4.8	289	9920	RF	77R37	DRS	71M4	56 287	
5.3	260	9920	RM	77R37	DRS	71M4	81 287	
1550	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	R	87R57	DR	63S4	86 287
	0.20	7038	16900	RF	87R57	DR	63S4	93 287
	0.22	6174	16900	RM	87R57	DR	63S4	125 287
	0.25	5449	16900					
	0.29	4831	16900					
	0.33	4206	16900					
	0.37	3744	16900					
	0.43	3233	16900					
	0.48	2873	16900					
	0.67	1961	16900	R	87R57	DR	63M4	86 287
				RF	87R57	DR	63M4	93 287
				RM	87R57	DR	63M4	125 287
	0.34	4020	16900	R	87R57	DR	63S4	85 287
	0.43	3182	16900	RF	87R57	DR	63S4	92 287
	0.50	2770	16900	RM	87R57	DR	63S4	120 287
	0.53	2595	16900					
	0.62	2129	16900					
	0.68	1930	16900	R	87R57	DR	63M4	85 287
	0.76	1733	16900	RF	87R57	DR	63M4	92 287
	0.89	1489	16900	RM	87R57	DR	63M4	120 287
	0.95	1395	16900					
	1.0	1232	16900	R	87R57	DR	63L4	85 287
	1.1	1145	16900	RF	87R57	DR	63L4	93 287
	1.2	1037	16900	RM	87R57	DR	63L4	120 287
	1.7	802	16900	R	87R57	DRS	71S4	87 287
	1.8	754	16900	RF	87R57	DRS	71S4	94 287
				RM	87R57	DRS	71S4	125 287
	0.76	1737	16900	R	87R57	DR	63M4	85 287
	0.87	1524	16900	RF	87R57	DR	63M4	92 287
				RM	87R57	DR	63M4	120 287
1.0	1303	16900	R	87R57	DR	63L4	86 287	
1.3	1008	16900	RF	87R57	DR	63L4	93 287	
			RM	87R57	DR	63L4	125 287	
1.6	885	16900	R	87R57	DRS	71S4	88 287	
2.0	685	16900	RF	87R57	DRS	71S4	95 287	
			RM	87R57	DRS	71S4	125 287	

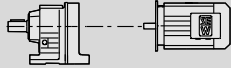



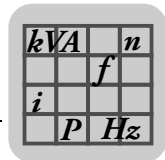
$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra\ 1)}$ [N]					m [kg]	
1550	2.3	599	16900	R	87R57	DRS	71M4	89	287
				RF	87R57	DRS	71M4	96	287
				RM	87R57	DRS	71M4	125	287
	3.6 4.1	398 352	16900 16900	R	87R57	DRE	80M4	94	287
				RF RM	87R57 87R57	DRE DRE	80M4 80M4	100 130	287 287
	4.6 5.3	305 268	16900 16900	R	87R57	DRE	90M4	99	287
				RF RM	87R57 87R57	DRE DRE	90M4 90M4	105 135	287 287
				R	87R57	DRS	71M4	87	287
	2.6 2.9	538 472	16900 16900	RF	87R57	DRS	71M4	95	287
				RM	87R57	DRS	71M4	125	287
				R	87R57	DRE	80M4	92	287
	3.6 4.0	400 361	16900 16900	RF	87R57	DRE	80M4	100	287
				RM	87R57	DRE	80M4	130	287
				R	87R57	DRE	90M4	97	287
	4.7 5.6	300 256	16900 16900	RF	87R57	DRE	90M4	105	287
				RM	87R57	DRE	90M4	135	287
R				87R57	DRE	90M4	135	287	
3000	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	97R57	DR	63S4	130	287
	0.14	10030	19800	RF	97R57	DR	63S4	145	287
	0.16	8706	19800	RM	97R57	DR	63S4	195	287
	0.18	7692	19800						
	0.21	6708	19800						
	0.23	5931	19800						
	0.27	5161	19800						
	0.33 0.38	4004 3481	19800 19800	R	97R57	DR	63M4	130	287
				RF	97R57	DR	63M4	145	287
				RM	97R57	DR	63M4	195	287
	0.29	4678	19800	R	97R57	DR	63S4	125	287
				RF	97R57	DR	63S4	140	287
				RM	97R57	DR	63S4	195	287
	0.31 0.36 0.44	4309 3702 3019	19800 19800 19800	R	97R57	DR	63M4	125	287
				RF	97R57	DR	63M4	140	287
				RM	97R57	DR	63M4	195	287
	0.49 0.58 0.64	2668 2245 2016	19800 19800 19800	R	97R57	DR	63L4	125	287
				RF	97R57	DR	63L4	145	287
				RM	97R57	DR	63L4	195	287
	0.80 0.85 0.96	1733 1623 1434	19800 19800 19800	R	97R57	DRS	71S4	130	287
				RF	97R57	DRS	71S4	145	287
				RM	97R57	DRS	71S4	195	287
	1.1 1.3 1.5 1.6	1207 1084 934 878	19800 19800 19800 19800	R	97R57	DRS	71M4	130	287
				RF	97R57	DRS	71M4	145	287
				RM	97R57	DRS	71M4	195	287
				R	97R57	DRE	80M4	135	287
	1.9	755	19800	RF	97R57	DRE	80M4	150	287
				RM	97R57	DRE	80M4	200	287
				R	97R57	DRS	71S4	130	287
	0.76 0.87 0.99	1823 1583 1396	19800 19800 19800	RF	97R57	DRS	71S4	145	287
				RM	97R57	DRS	71S4	200	287
				R	97R57	DRS	71M4	130	287
	1.1 1.3 1.5	1228 1069 938	19800 19800 19800	RF	97R57	DRS	71M4	150	287
				RM	97R57	DRS	71M4	200	287
R				97R57	DRE	80M4	135	287	
1.7 2.0	824 737	19800 19800	RF	97R57	DRE	80M4	155	287	
			RM	97R57	DRE	80M4	205	287	
			R	97R57	DRE	90M4	140	287	
2.2 2.5 2.9	632 560 484	19800 19800 19800	RF	97R57	DRE	90M4	160	287	
			RM	97R57	DRE	90M4	210	287	
			R	97R57	DRE	90L4	145	287	
3.3 3.8 4.2	431 379 336	19800 19800 19800	RF	97R57	DRE	90L4	160	287	
			RM	97R57	DRE	90L4	210	287	
			R	97R57	DRE	90L4	210	287	



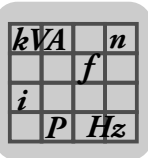
R..DRE/DRS

R..R..DRE/DRS [Nm]

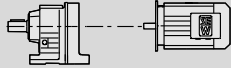

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
3000	4.8	296	19800	R	97R57	DRE	100M4	150	287	
	5.7	249	19800	RF	97R57	DRE	100M4	165	287	
	6.1	234	19800	RM	97R57	DRE	100M4	215	287	
	2.3	625	19800	R	97R57	DRE	90M4	140	287	
	2.6	549	19800	RF	97R57	DRE	90M4	155	287	
				RM	97R57	DRE	90M4	205	287	
	5.3	270	19800	R	97R57	DRE	100M4	145	287	
	6.3	227	19800	RF	97R57	DRE	100M4	160	287	
				RM	97R57	DRE	100M4	215	287	
	4300	0.07	20018	29500						
		0.08	17080	29500						
		0.09	14936	29500	R	107R77	DR	63S4	200	287
0.11		12829	29500	RF	107R77	DR	63S4	210	287	
0.12		11256	29500	RM	107R77	DR	63S4	295	287	
0.14		9547	29500							
0.16		8618	29500							
0.18		7583	29500							
0.20		6743	29500	R	107R77	DR	63M4	200	287	
0.22		5914	29500	RF	107R77	DR	63M4	210	287	
0.26		5168	29500	RM	107R77	DR	63M4	295	287	
0.30		4435	29500							
0.33		3896	29500	R	107R77	DR	63L4	205	287	
0.43		3039	29500	RF	107R77	DR	63L4	210	287	
				RM	107R77	DR	63L4	295	287	
0.33		3918	29500	R	107R77	DR	63L4	195	287	
0.39		3343	29500	RF	107R77	DR	63L4	200	287	
0.43		3034	29500	RM	107R77	DR	63L4	290	287	
0.52		2653	29500	R	107R77	DRS	71S4	200	287	
0.61		2280	29500	RF	107R77	DRS	71S4	205	287	
0.67		2067	29500	RM	107R77	DRS	71S4	290	287	
0.82		1693	29500	R	107R77	DRS	71M4	200	287	
0.89		1550	29500	RF	107R77	DRS	71M4	205	287	
0.98		1407	29500	RM	107R77	DRS	71M4	295	287	
1.2		1209	29500	R	107R77	DRE	80M4	205	287	
1.4		1055	29500	RF	107R77	DRE	80M4	210	287	
				RM	107R77	DRE	80M4	300	287	
1.5		919	29500	R	107R77	DRE	90M4	210	287	
1.7		815	29500	RF	107R77	DRE	90M4	215	287	
2.0		717	29500	RM	107R77	DRE	90M4	300	287	
2.3		626	29500	R	107R77	DRE	90L4	210	287	
2.7		528	29500	RF	107R77	DRE	90L4	215	287	
				RM	107R77	DRE	90L4	305	287	
0.69		1987	29500	R	107R77	DRS	71S4	205	287	
				RF	107R77	DRS	71S4	210	287	
				RM	107R77	DRS	71S4	295	287	
0.76		1827	29500	R	107R77	DRS	71M4	205	287	
0.86		1599	29500	RF	107R77	DRS	71M4	210	287	
0.99		1400	29500	RM	107R77	DRS	71M4	300	287	
1.2		1226	29500	R	107R77	DRE	80M4	210	287	
1.3		1104	29500	RF	107R77	DRE	80M4	215	287	
				RM	107R77	DRE	80M4	305	287	
1.5		939	29500	R	107R77	DRE	90M4	215	287	
1.7		822	29500	RF	107R77	DRE	90M4	220	287	
				RM	107R77	DRE	90M4	305	287	
2.3		614	29500	R	107R77	DRE	90L4	215	287	
2.6		544	29500	RF	107R77	DRE	90L4	220	287	
2.9		492	29500	RM	107R77	DRE	90L4	310	287	
3.4		417	29500	R	107R77	DRE	100M4	220	287	
3.9		369	29500	RF	107R77	DRE	100M4	225	287	
4.4		323	29500	RM	107R77	DRE	100M4	315	287	
5.1		285	29500	R	107R77	DRE	100LC4	225	287	
5.8		253	29500	RF	107R77	DRE	100LC4	230	287	
				RM	107R77	DRE	100LC4	320	287	
6.8		214	29500	R	107R77	DRE	132S4	240	287	
7.8		187	29500	RF	107R77	DRE	132S4	245	287	
			RM	107R77	DRE	132S4	335	287		

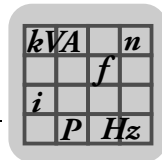


M _a max [Nm]	n _a [1/min]	i	F _{Ra} ¹⁾ [N]				m [kg]		
				R	RF	RM			DRE
4300	3.0	469	29500	R	107R77	DRE	90L4	210	287
				RF	107R77	DRE	90L4	215	287
				RM	107R77	DRE	90L4	305	287
	3.4	426	29500	R	107R77	DRE	100M4	215	287
				RF	107R77	DRE	100M4	220	287
				RM	107R77	DRE	100M4	310	287
	5.1	284	29500	R	107R77	DRE	100LC4	220	287
				RF	107R77	DRE	100LC4	225	287
				RM	107R77	DRE	100LC4	315	287
	5.7	256	29500	R	107R77	DRE	100LC4	220	287
				RF	107R77	DRE	100LC4	225	287
				RM	107R77	DRE	100LC4	315	287
	6.6	220	29500	R	107R77	DRE	132S4	235	287
				RF	107R77	DRE	132S4	240	287
				RM	107R77	DRE	132S4	330	287
	7.6	193	29500	R	107R77	DRE	132S4	235	287
				RF	107R77	DRE	132S4	240	287
				RM	107R77	DRE	132S4	330	287
8.4	172	29500	R	107R77	DRE	132M4	245	287	
			RF	107R77	DRE	132M4	250	287	
			RM	107R77	DRE	132M4	340	287	
8000	0.06	22203	53400						
	0.07	18945	53400	R	137R77	DR	63S4	290	287
	0.08	16566	53400	RF	137R77	DR	63S4	310	287
	0.09	14777	53400	RM	137R77	DR	63S4	425	287
	0.11	12921	53400						
	0.11	11712	53400	R	137R77	DR	63M4	290	287
	0.12	10573	53400	RF	137R77	DR	63M4	310	287
	0.15	8784	53400	RM	137R77	DR	63M4	425	287
	0.17	7479	53400	R	137R77	DR	63L4	290	287
	0.20	6559	53400	RF	137R77	DR	63L4	310	287
	0.22	5834	53400	RM	137R77	DR	63L4	425	287
	0.27	5116	53400	R	137R77	DRS	71S4	290	287
	0.31	4464	53400	RF	137R77	DRS	71S4	315	287
	0.35	3928	53400	RM	137R77	DRS	71S4	425	287
	0.40	3454	53400	R	137R77	DRS	71M4	290	287
	0.46	2993	53400	RF	137R77	DRS	71M4	315	287
				RM	137R77	DRS	71M4	425	287
	0.29	4709	53400	R	137R77	DRS	71S4	280	287
	0.34	4018	53400	RF	137R77	DRS	71S4	305	287
				RM	137R77	DRS	71S4	415	287
	0.39	3514	53400						
	0.41	3338	53400	R	137R77	DRS	71M4	280	287
	0.47	2929	53400	RF	137R77	DRS	71M4	305	287
	0.56	2484	53400	RM	137R77	DRS	71M4	415	287
	0.64	2242	53400	R	137R77	DRE	80M4	285	287
	0.77	1863	53400	RF	137R77	DRE	80M4	310	287
				RM	137R77	DRE	80M4	420	287
	0.90	1586	53400	R	137R77	DRE	90M4	290	287
	1.0	1391	53400	RF	137R77	DRE	90M4	315	287
	1.1	1256	53400	RM	137R77	DRE	90M4	425	287
	1.3	1105	53400	R	137R77	DRE	90L4	295	287
	1.4	1043	53400	RF	137R77	DRE	90L4	315	287
	1.6	888	53400	RM	137R77	DRE	90L4	430	287
	2.0	699	53400	R	137R77	DRE	100M4	300	287
	2.3	609	53400	RF	137R77	DRE	100M4	320	287
				RM	137R77	DRE	100M4	435	287
	0.52	2658	53400	R	137R77	DRS	71M4	290	287
	0.57	2412	53400	RF	137R77	DRS	71M4	315	287
				RM	137R77	DRS	71M4	425	287
	0.69	2073	53400	R	137R77	DRE	80M4	295	287
	0.78	1839	53400	RF	137R77	DRE	80M4	320	287
				RM	137R77	DRE	80M4	430	287
	0.89	1598	53400	R	137R77	DRE	90M4	300	287
	1.0	1397	53400	RF	137R77	DRE	90M4	325	287
	1.2	1226	53400	RM	137R77	DRE	90M4	435	287
	1.3	1090	53400	R	137R77	DRE	90L4	300	287
	1.5	951	53400	RF	137R77	DRE	90L4	325	287
				RM	137R77	DRE	90L4	435	287
1.7	831	53400	R	137R77	DRE	100M4	305	287	
2.0	730	53400	RF	137R77	DRE	100M4	330	287	
2.3	629	53400	RM	137R77	DRE	100M4	440	287	

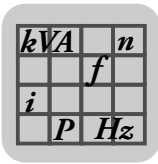


R..DRE/DRS R..R..DRE/DRS [Nm]

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
8000	2.6	560	53400	R	137R77	DRE	100LC4	310	287	
	3.0	490	53400	RF	137R77	DRE	100LC4	335	287	
				RM	137R77	DRE	100LC4	445	287	
	3.4	428	53400	R	137R77	DRE	132S4	325	287	
	3.8	381	53400	RF	137R77	DRE	132S4	350	287	
				RM	137R77	DRE	132S4	460	287	
	4.5	323	53400	R	137R77	DRE	132M4	340	287	
	5.0	291	53400	RF	137R77	DRE	132M4	360	287	
	5.7	255	53400	RM	137R77	DRE	132M4	475	287	
	2.6	564	53400	R	137R77	DRE	100LC4	300	287	
	2.8	517	53400	RF	137R77	DRE	100LC4	325	287	
	3.2	453	53400	RM	137R77	DRE	100LC4	435	287	
	3.9	376	53400	R	137R77	DRE	132S4	315	287	
	4.3	339	53400	RF	137R77	DRE	132S4	340	287	
				RM	137R77	DRE	132S4	450	287	
	4.9	297	53400	R	137R77	DRE	132M4	330	287	
				RF	137R77	DRE	132M4	350	287	
				RM	137R77	DRE	132M4	465	287	
	13000	0.06	23401	62700	R	147R77	DR	63S4	420	287
		0.06	21342	62700	RF	147R77	DR	63S4	430	287
					RM	147R77	DR	63S4	600	287
		0.07	18210	62700	R	147R77	DR	63M4	420	287
		0.08	15923	62700	RF	147R77	DR	63M4	430	287
		0.09	14075	62700	RM	147R77	DR	63M4	600	287
0.11		12344	62700							
0.12		11143	62700	R	147R77	DR	63L4	420	287	
0.13		9743	62700	RF	147R77	DR	63L4	430	287	
				RM	147R77	DR	63L4	600	287	
0.16		8443	62700	R	147R77	DRS	71S4	425	287	
0.19		7307	62700	RF	147R77	DRS	71S4	430	287	
0.21		6447	62700	RM	147R77	DRS	71S4	600	287	
0.25		5568	62700	R	147R77	DRS	71M4	425	287	
0.28		4926	62700	RF	147R77	DRS	71M4	430	287	
0.32		4325	62700	RM	147R77	DRS	71M4	600	287	
0.38		3754	62700	R	147R77	DRE	80M4	430	287	
0.43		3302	62700	RF	147R77	DRE	80M4	440	287	
				RM	147R77	DRE	80M4	600	287	
0.49		2898	62700	R	147R77	DRE	90M4	435	287	
				RF	147R77	DRE	90M4	440	287	
				RM	147R77	DRE	90M4	610	287	
0.56		2555	62700	R	147R77	DRE	90M4	430	287	
0.64		2211	62700	RF	147R77	DRE	90M4	440	287	
0.73		1951	62700	RM	147R77	DRE	90M4	610	287	
0.84		1705	62700	R	147R77	DRE	90L4	435	287	
0.93		1536	62700	RF	147R77	DRE	90L4	445	287	
				RM	147R77	DRE	90L4	610	287	
1.1		1329	62700	R	147R77	DRE	100M4	440	287	
1.2		1166	62700	RF	147R77	DRE	100M4	450	287	
1.4		1029	62700	RM	147R77	DRE	100M4	610	287	
1.6		889	62700	R	147R77	DRE	100LC4	445	287	
1.9		784	62700	RF	147R77	DRE	100LC4	450	287	
				RM	147R77	DRE	100LC4	620	287	
2.1		695	62700	R	147R77	DRE	132S4	460	287	
2.4		619	62700	RF	147R77	DRE	132S4	465	287	
2.6		558	62700	RM	147R77	DRE	132S4	630	287	
3.0		489	62700	R	147R77	DRE	132M4	470	287	
				RF	147R77	DRE	132M4	480	287	
				RM	147R77	DRE	132M4	650	287	
2.7		533	62700	R	147R87	DRE	132M4	490	287	
3.2		462	62700	RF	147R87	DRE	132M4	500	287	
3.4		426	62700	RM	147R87	DRE	132M4	670	287	
4.0		368	62700	R	147R87	DRE	132MC4	495	287	
4.5		326	62700	RF	147R87	DRE	132MC4	500	287	
				RM	147R87	DRE	132MC4	670	287	
5.2		280	62700	R	147R87	DRE	160M4	520	287	
5.9		247	62700	RF	147R87	DRE	160M4	520	287	
			RM	147R87	DRE	160M4	690	287		



$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]				m [kg]		
13000	6.9	214	62700	R	147R87	DRE	160MC4	520	287
				RF	147R87	DRE	160MC4	530	287
				RM	147R87	DRE	160MC4	700	287
18000	0.05	27001	120000						
	0.06	22482	120000						
	0.07	20002	120000						
	0.08	17361	120000	R	167R97	DRS	71M4	760	287
	0.09	15446	120000	RF	167R97	DRS	71M4	760	287
	0.10	14051	120000	RM	167R97	DRS	71M4	960	287
	0.12	11812	120000						
	0.13	10509	120000						
	0.14	9631	120000						
	0.19	7749	120000	R	167R97	DRE	80M4	760	287
	0.21	6894	120000	RF	167R97	DRE	80M4	770	287
				RM	167R97	DRE	80M4	960	287
	0.23	6077	120000	R	167R97	DRS	71M4	760	287
				RF	167R97	DRS	71M4	760	287
				RM	167R97	DRS	71M4	960	287
	0.27	5407	120000	R	167R97	DRE	80M4	760	287
	0.31	4650	120000	RF	167R97	DRE	80M4	770	287
				RM	167R97	DRE	80M4	960	287
	0.34	4129	120000	R	167R97	DRE	90M4	760	287
	0.38	3692	120000	RF	167R97	DRE	90M4	770	287
				RM	167R97	DRE	90M4	960	287
	0.54	2657	120000	R	167R97	DRE	90L4	760	287
	0.61	2333	120000	RF	167R97	DRE	90L4	770	287
	0.69	2085	120000	RM	167R97	DRE	90L4	960	287
	0.76	1877	120000	R	167R97	DRE	100M4	770	287
	0.85	1670	120000	RF	167R97	DRE	100M4	770	287
	0.99	1438	120000	RM	167R97	DRE	100M4	970	287
	1.1	1279	120000	R	167R97	DRE	100LC4	770	287
	1.3	1123	120000	RF	167R97	DRE	100LC4	780	287
	1.5	999	120000	RM	167R97	DRE	100LC4	970	287
	1.7	861	120000	R	167R97	DRE	132S4	790	287
	1.9	760	120000	RF	167R97	DRE	132S4	790	287
				RM	167R97	DRE	132S4	990	287
	2.2	656	120000	R	167R97	DRE	132M4	800	287
	2.5	579	120000	RF	167R97	DRE	132M4	800	287
				RM	167R97	DRE	132M4	1000	287
	2.9	503	120000	R	167R97	DRE	132MC4	800	287
	3.4	432	120000	RF	167R97	DRE	132MC4	810	287
				RM	167R97	DRE	132MC4	1000	287
	3.9	376	120000	R	167R97	DRE	160M4	820	287
	4.4	335	120000	RF	167R97	DRE	160M4	830	287
				RM	167R97	DRE	160M4	1020	287
	4.9	303	120000	R	167R97	DRE	160MC4	830	287
	5.3	279	120000	RF	167R97	DRE	160MC4	830	287
				RM	167R97	DRE	160MC4	1030	287
	5.0	295	120000	R	167R107	DRE	160MC4	880	287
				RF	167R107	DRE	160MC4	880	287
			RM	167R107	DRE	160MC4	1080	287	
5.4	270	120000	R	167R107	DRE	180M4	920	287	
6.4	229	120000	RF	167R107	DRE	180M4	930	287	
7.3	200	120000	RM	167R107	DRE	180M4	1120	287	
5.1	291	120000	R	167R107	DRE	160MC4	870	287	
			RF	167R107	DRE	160MC4	880	287	
			RM	167R107	DRE	160MC4	1070	287	
5.6	264	120000	R	167R107	DRE	180M4	910	287	
6.5	227	120000	RF	167R107	DRE	180M4	920	287	
7.4	198	120000	RM	167R107	DRE	180M4	1120	287	

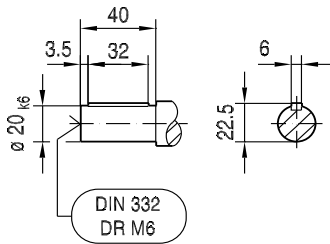
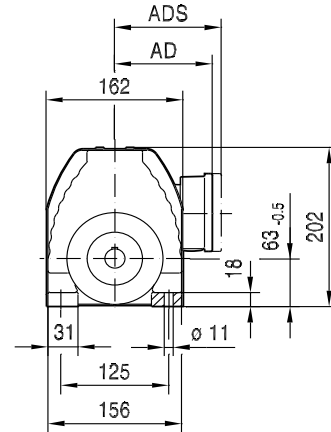
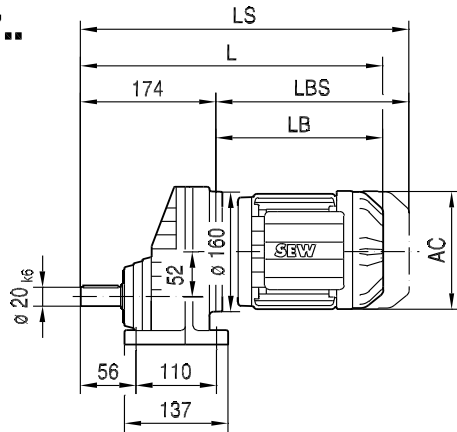


R..DRE/DRS
R..DR.. [mm]

8.5 R..DR.. [mm]

01 081 00 06

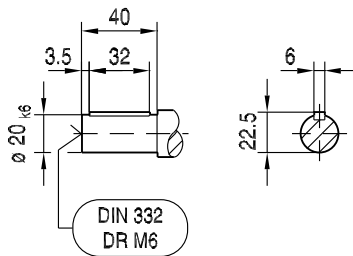
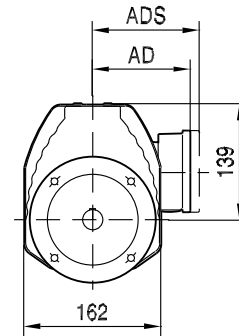
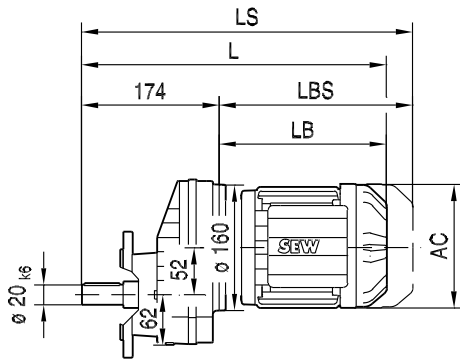
RX57..



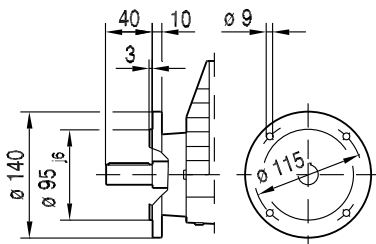
(→ 136)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	359	370	395	404	435	437	457	487	517	564	614
LS	414	438	463	485	516	530	550	580	610	676	726
LB	185	196	221	230	261	263	283	313	343	390	440
LBS	240	264	289	311	342	356	376	406	436	502	552

01 082 02 06

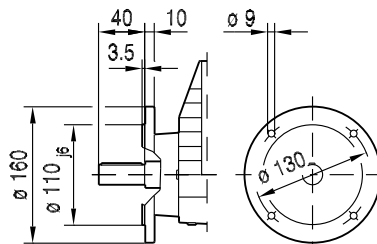
RXF57..



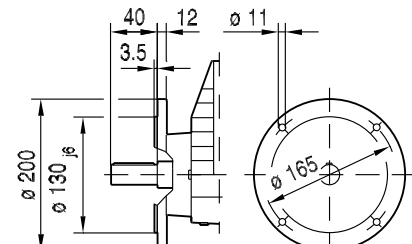
$\varnothing 140$



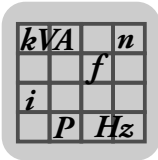
$\varnothing 160$



$\varnothing 200$



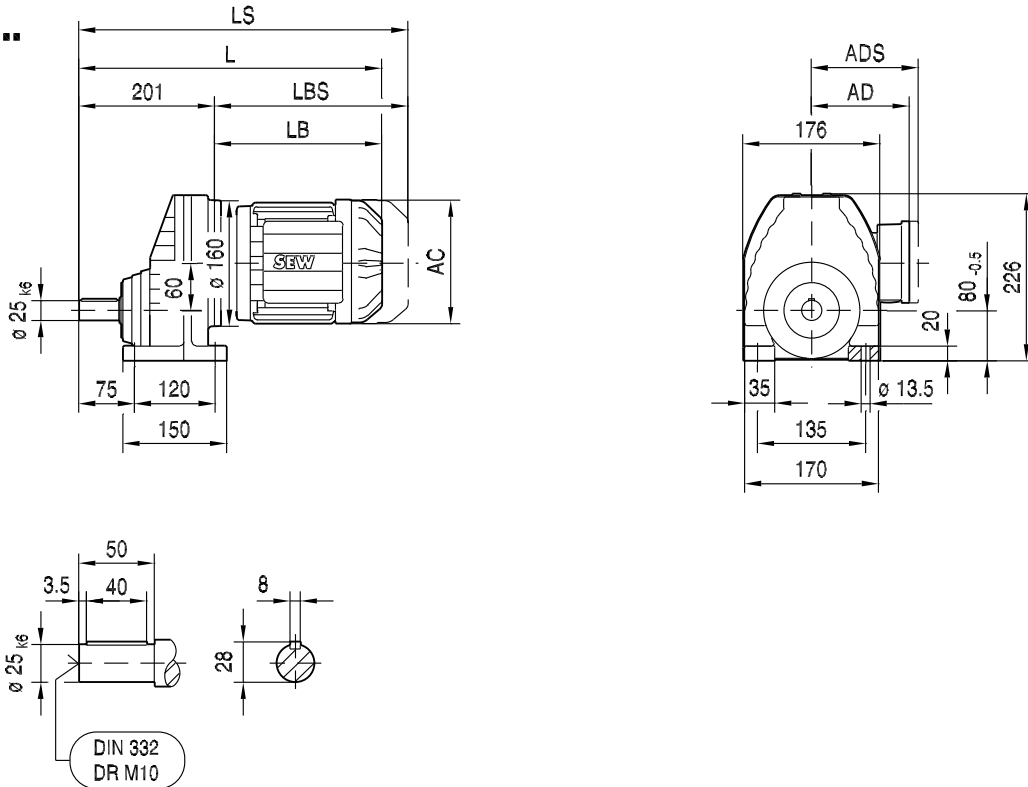
(→ 136)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	359	370	395	404	435	437	457	487	517	564	614
LS	414	438	463	485	516	530	550	580	610	676	726
LB	185	196	221	230	261	263	283	313	343	390	440
LBS	240	264	289	311	342	356	376	406	436	502	552



R..DRE/DRS
R..DR.. [mm]

01 083 00 06

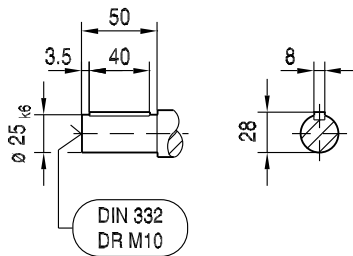
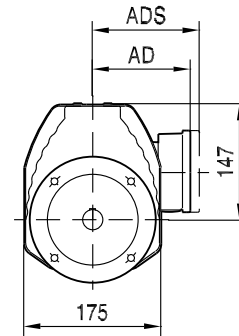
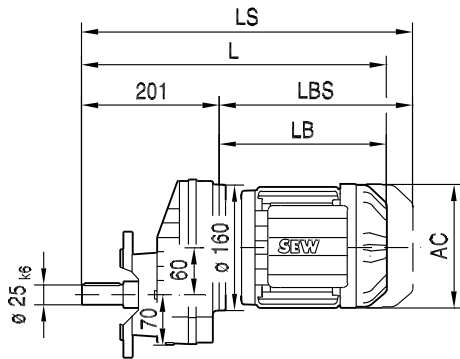
RX67..



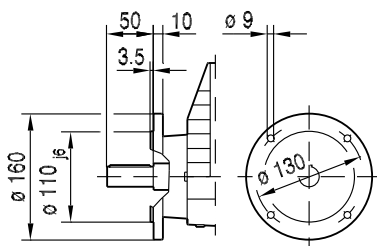
(→ 136)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	386	397	422	431	462	464	484	514	544	591	641
LS	441	465	490	512	543	557	577	607	637	703	753
LB	185	196	221	230	261	263	283	313	343	390	440
LBS	240	264	289	311	342	356	376	406	436	502	552

01 084 00 06

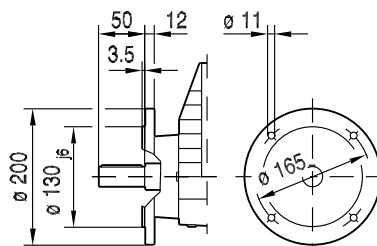
RXF67..



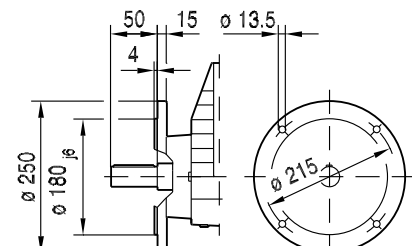
$\varnothing 160$



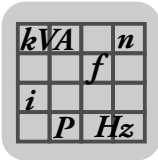
$\varnothing 200$



$\varnothing 250$



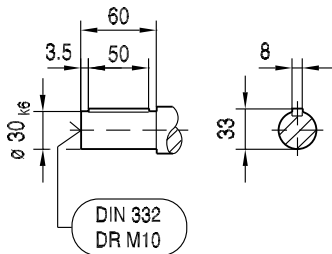
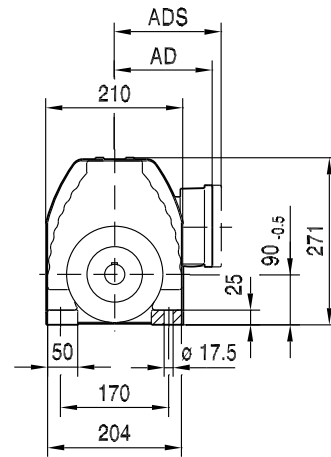
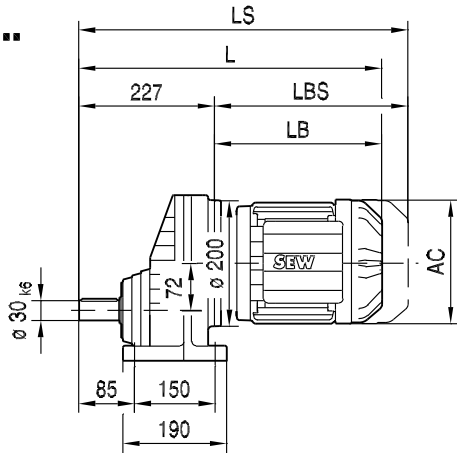
(→ 136)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	386	397	422	431	462	464	484	514	544	591	641
LS	441	465	490	512	543	557	577	607	637	703	753
LB	185	196	221	230	261	263	283	313	343	390	440
LBS	240	264	289	311	342	356	376	406	436	502	552



R..DRE/DRS
R..DR.. [mm]

01 085 00 06

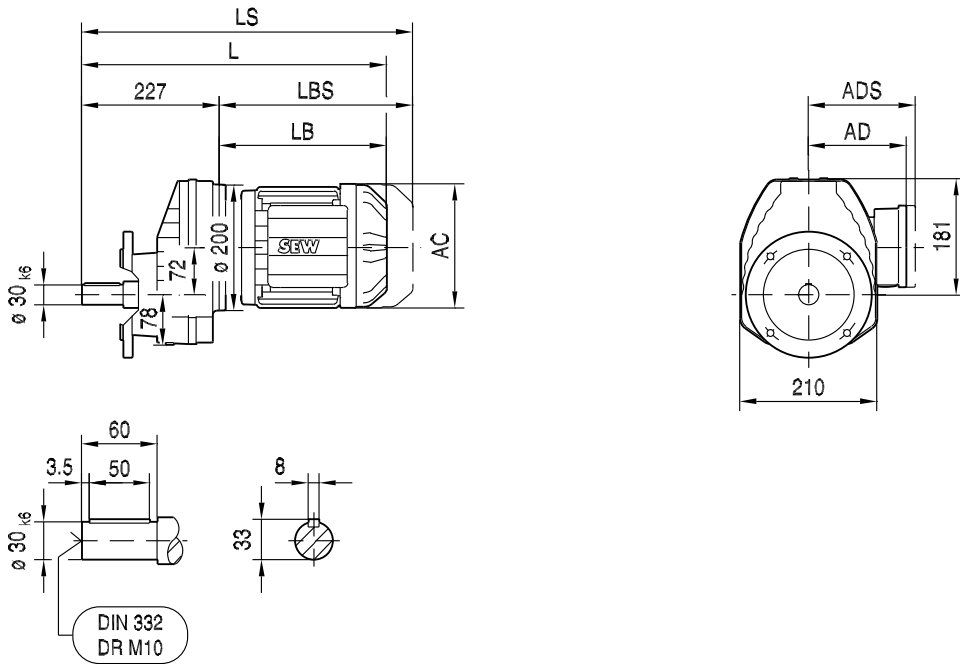
RX77..



(→ 136)	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	
AC	179	179	197	197	221	221	270	
AD	140	140	157	157	170	170	228	
ADS	150	150	158	158	172	172	228	
L	483	503	533	563	606	656	697	
LS	576	596	626	656	718	768	834	
LB	256	276	306	336	379	429	470	
LBS	349	369	399	429	491	541	607	

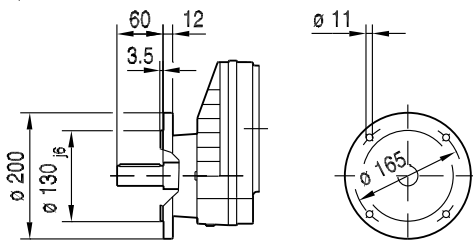
01 086 00 06

RXF77..

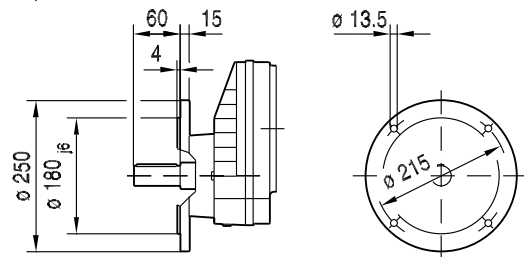


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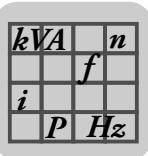
ø 200



ø 250



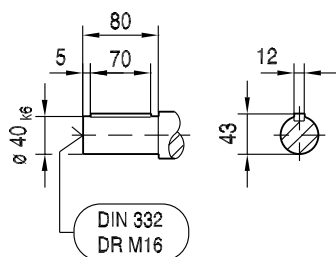
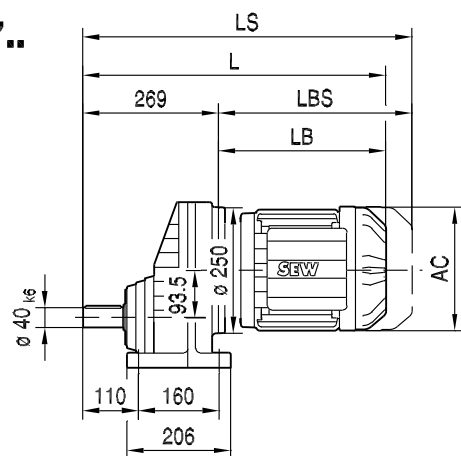
(→ 136)	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	
AC	179	179	197	197	221	221	270	
AD	140	140	157	157	170	170	228	
ADS	150	150	158	158	172	172	228	
L	483	503	533	563	606	656	697	
LS	576	596	626	656	718	768	834	
LB	256	276	306	336	379	429	470	
LBS	349	369	399	429	491	541	607	



R..DRE/DRS
R..DR.. [mm]

01 087 00 06

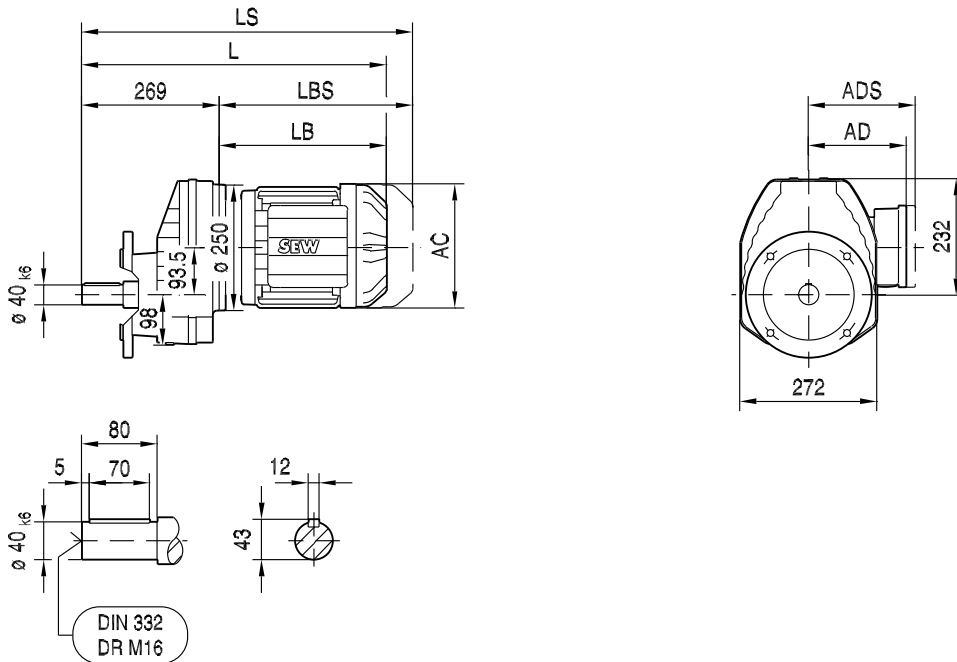
RX87..



(→ 136)	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC		
AC	197	221	221	270	316	316		
AD	157	170	170	228	253	253		
ADS	158	172	172	228	253	253		
L	600	643	693	734	803	863		
LS	693	755	805	871	992	1052		
LB	331	374	424	465	534	594		
LBS	424	486	536	602	723	783		

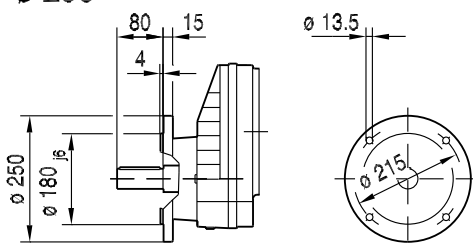
01 088 00 06

RXF87..

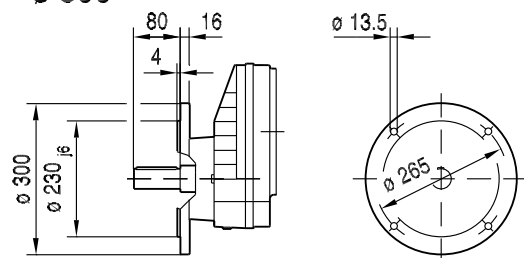


8

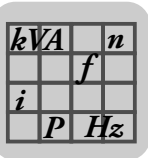
∅ 250



∅ 300



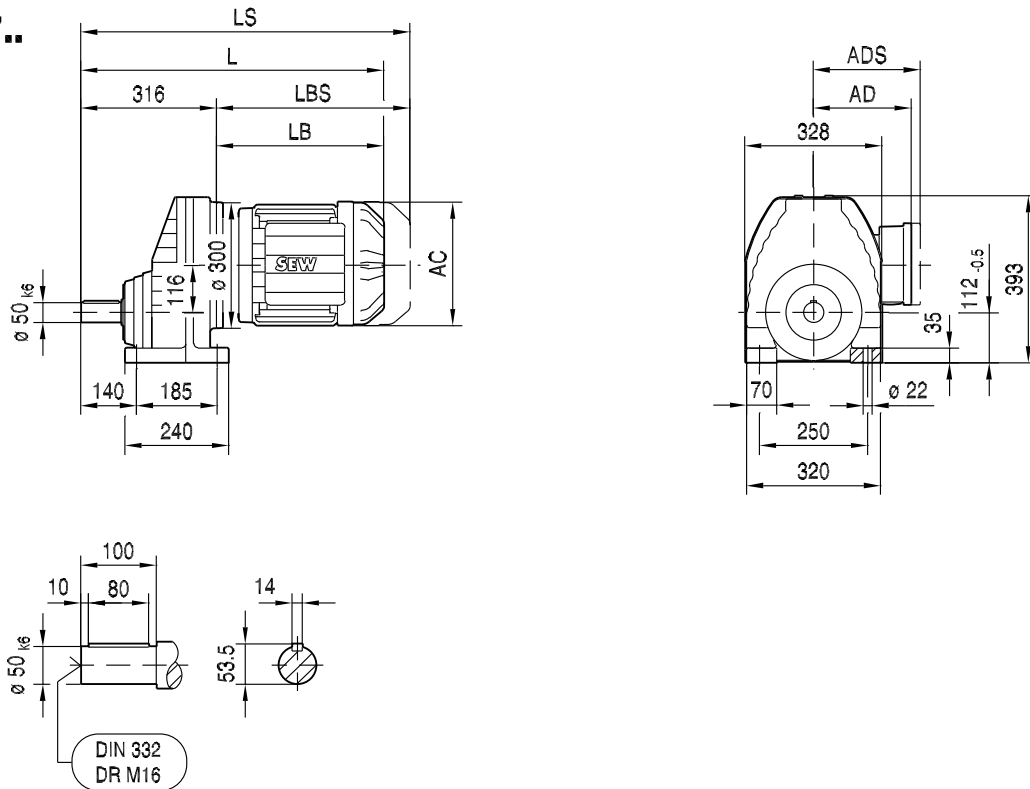
(→ 136)	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC		
AC	197	221	221	270	316	316		
AD	157	170	170	228	253	253		
ADS	158	172	172	228	253	253		
L	600	643	693	734	803	863		
LS	693	755	805	871	992	1052		
LB	331	374	424	465	534	594		
LBS	424	486	536	602	723	783		



R..DRE/DRS
R..DR.. [mm]

01 089 00 06

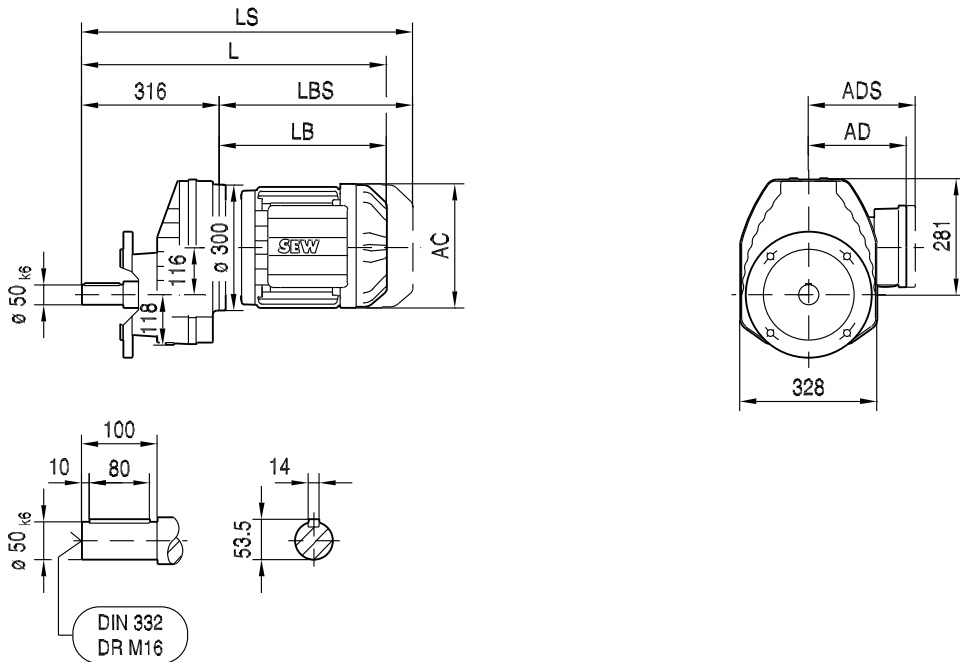
RX97..



(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200			
AC	221	270	316	316	394			
AD	170	228	253	253	283			
ADS	172	228	253	253	283			
L	735	776	845	905	978			
LS	847	913	1034	1094	1183			
LB	419	460	529	589	662			
LBS	531	597	718	778	867			

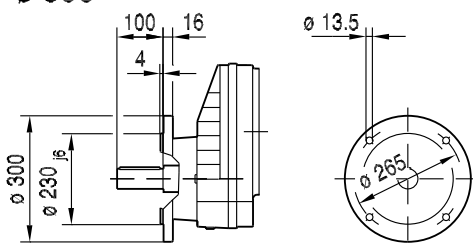
01 090 00 06

RXF97..

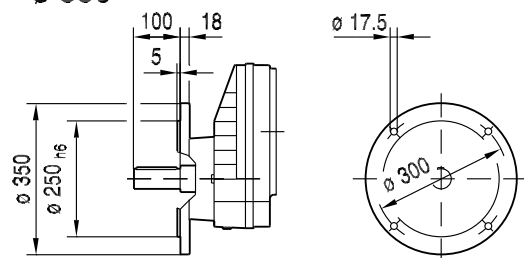


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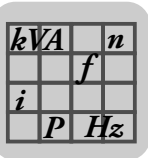
ø 300



ø 350



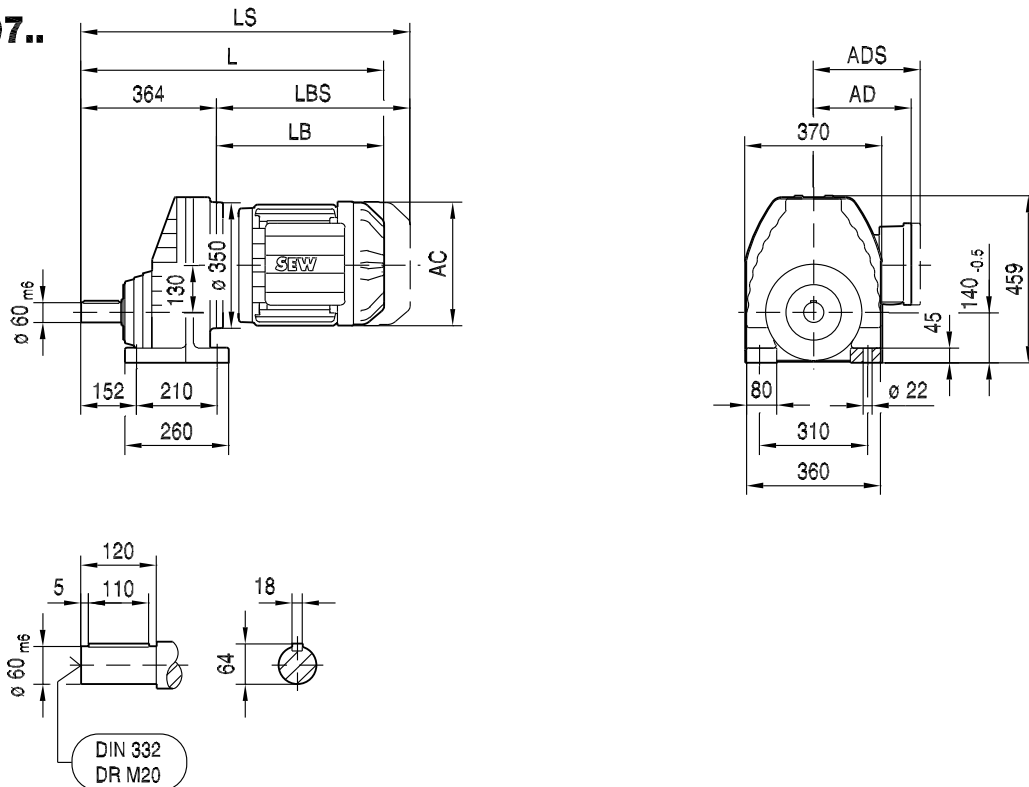
(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200			
AC	221	270	316	316	394			
AD	170	228	253	253	283			
ADS	172	228	253	253	283			
L	735	776	845	905	978			
LS	847	913	1034	1094	1183			
LB	419	460	529	589	662			
LBS	531	597	718	778	867			



R..DRE/DRS
R..DR.. [mm]

01 091 00 06

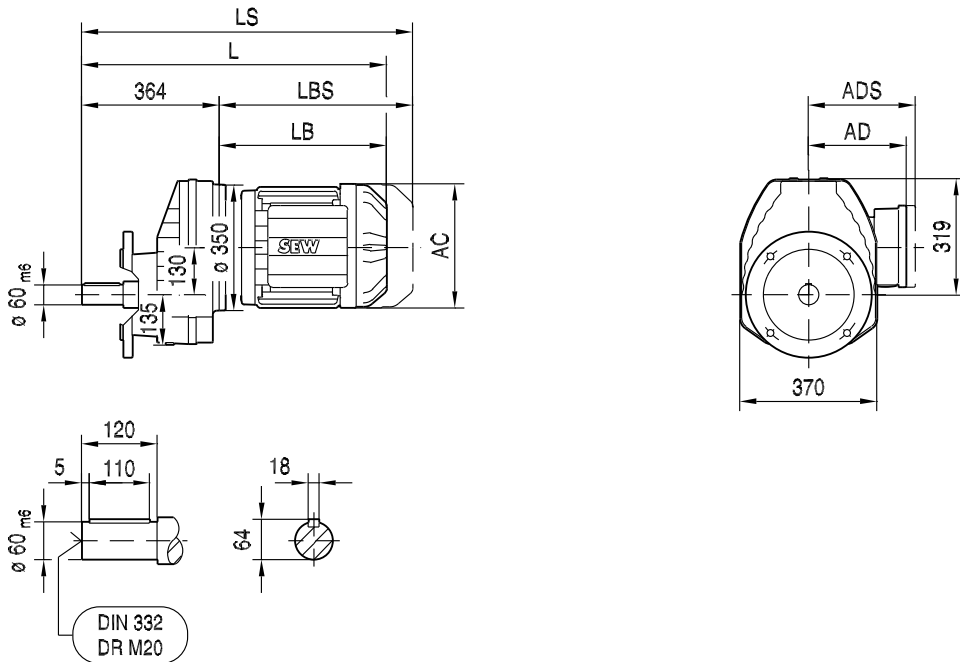
RX107..



(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	
AC	221	270	316	316	394	394	394	
AD	170	228	253	253	283	283	283	
ADS	172	228	253	253	283	283	283	
L	777	818	887	947	1020	1020	1070	
LS	889	955	1076	1136	1225	1225	1275	
LB	413	454	523	583	656	656	706	
LBS	525	591	712	772	861	861	911	

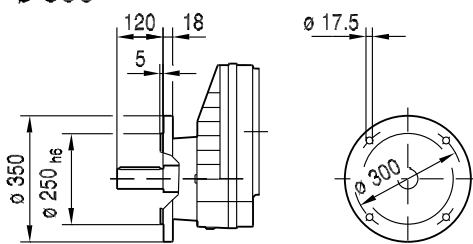
01 092 00 06

RXF107..

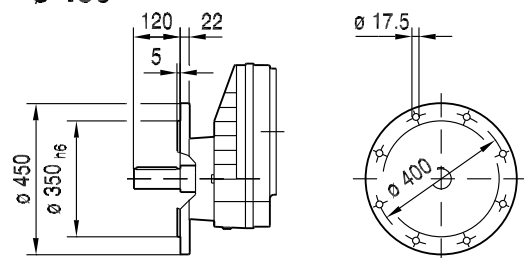


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ø 350



ø 450



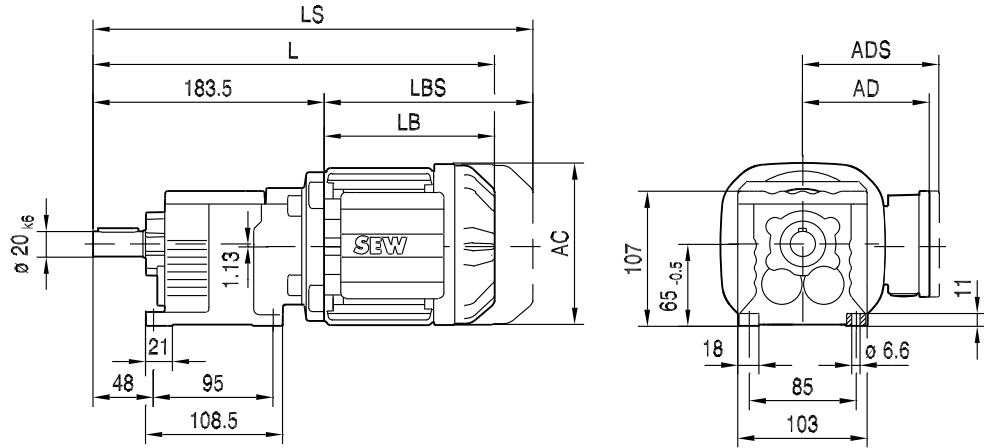
(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	
AC	221	270	316	316	394	394	394	
AD	170	228	253	253	283	283	283	
ADS	172	228	253	253	283	283	283	
L	777	818	887	947	1020	1020	1070	
LS	889	955	1076	1136	1225	1225	1275	
LB	413	454	523	583	656	656	706	
LBS	525	591	712	772	861	861	911	

kVA	n
f	
i	P Hz

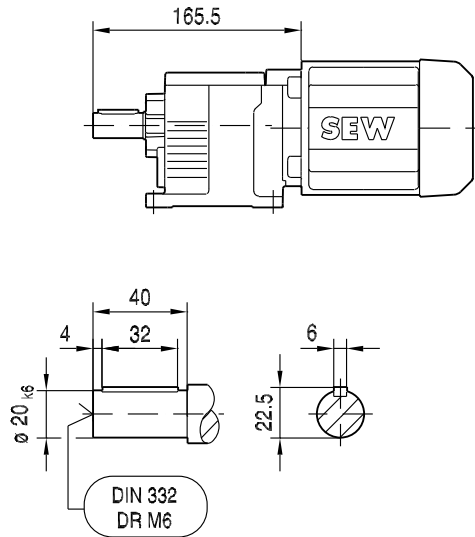
R..DRE/DRS
R..DR.. [mm]

01 093 00 06

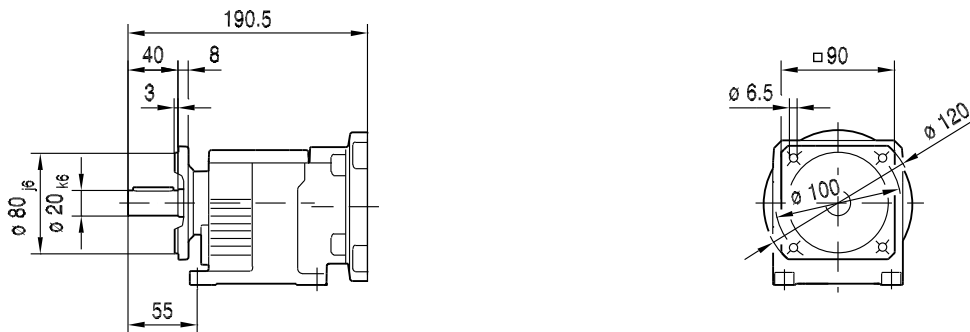
**R07..
DR..**



DT56..



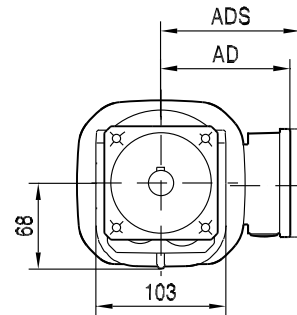
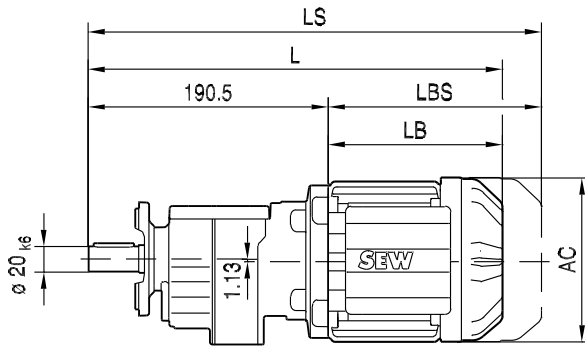
R07F..



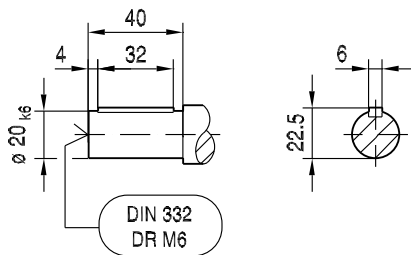
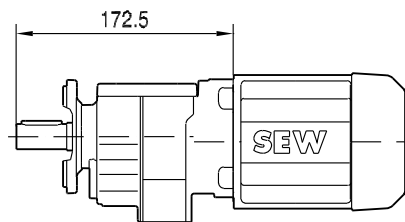
(→ 136)	DT56..	DR63..	DR71S	DR71M				
AC	109	132	139	139				
AD	87	105	119	119				
ADS	87	105	129	129				
L	302	333	344	369				
LS	338	388	412	437				
LB	136	149	160	185				
LBS	172	204	228	253				

01 095 00 06

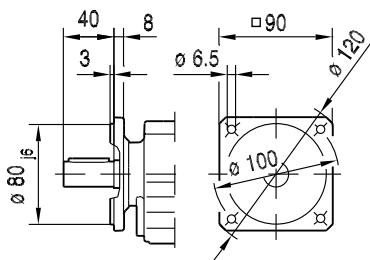
**RF07..
DR..**



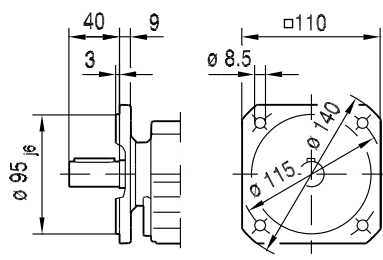
DT56..



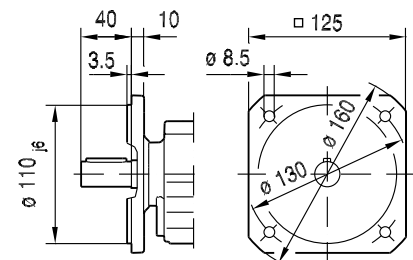
$\varnothing 120$



$\varnothing 140$



$\varnothing 160$



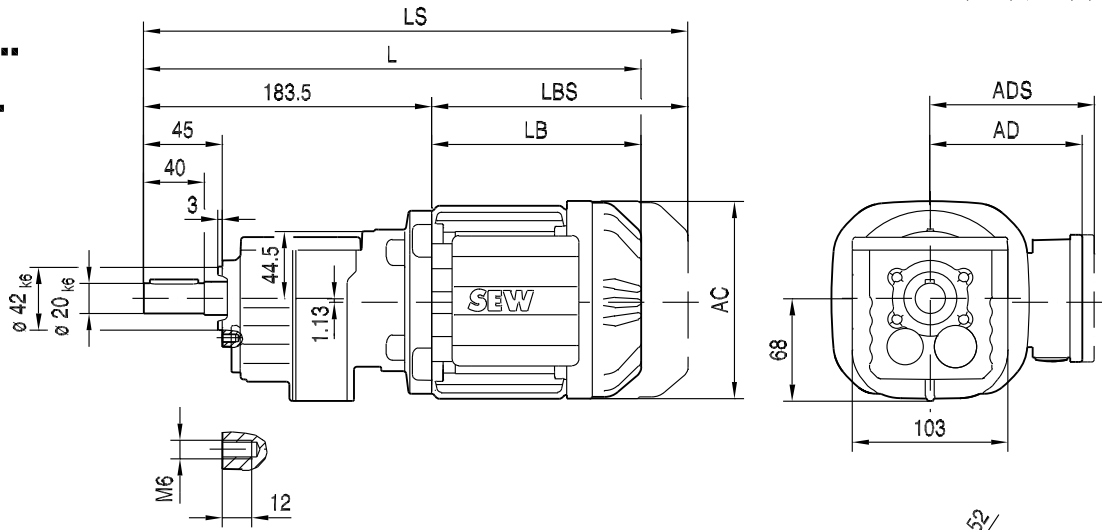
(→ 136)	DT56..	DR63..	DR71S	DR71M				
AC	109	132	139	139				
AD	87	105	119	119				
ADS	87	105	129	129				
L	309	340	351	376				
LS	345	395	419	444				
LB	136	149	160	185				
LBS	172	204	228	253				

kVA	n
i	f
P	H _Z

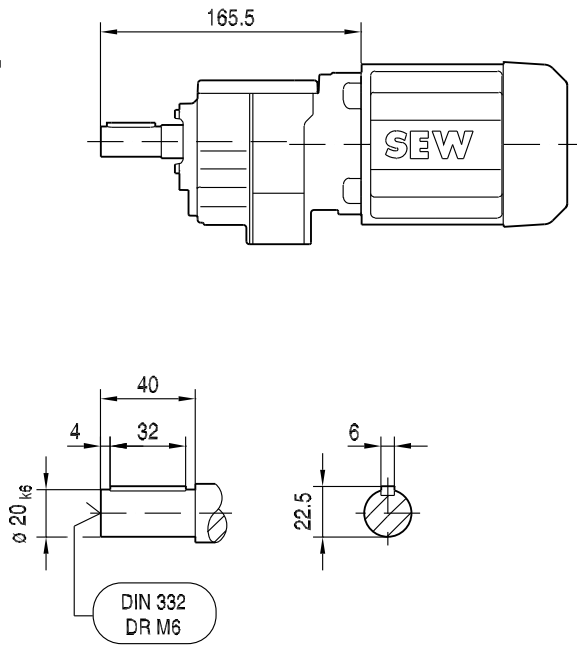
R..DRE/DRS
R..DR.. [mm]

01 096 00 06

**RZ07..
DR..**



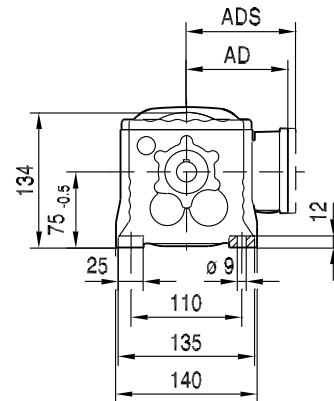
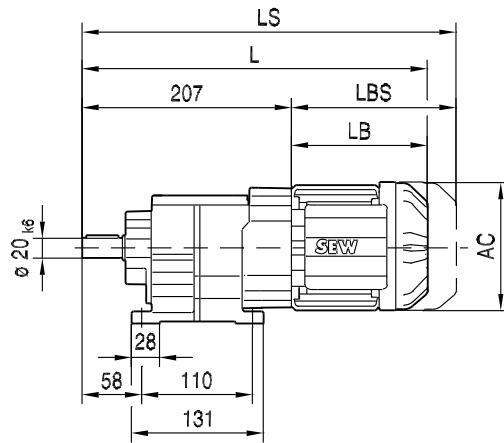
DT56..



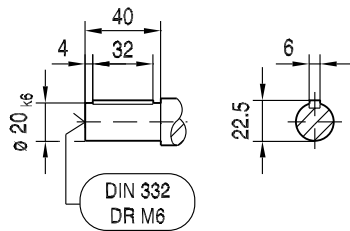
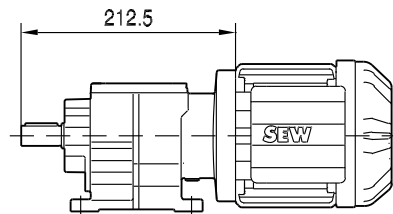
(→ 136)	DT56..	DR63..	DR71S	DR71M				
AC	109	132	139	139				
AD	87	105	119	119				
ADS	87	105	129	129				
L	302	333	344	369				
LS	338	388	412	437				
LB	136	149	160	185				
LBS	172	204	228	253				

01 097 00 06

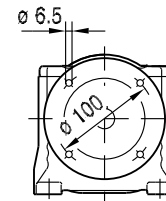
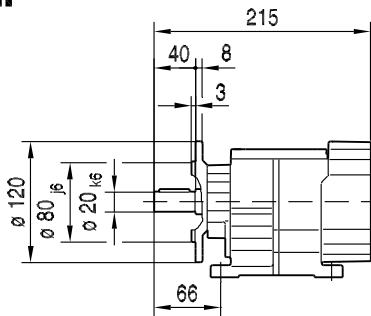
R17..



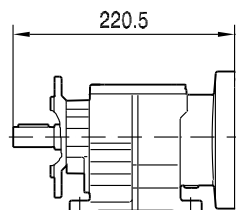
DR80..



R17F..



DR80..



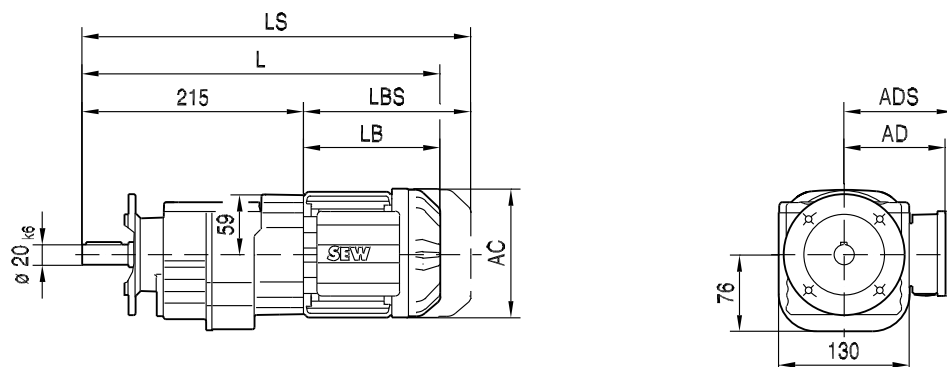
(→ 136)	DR63..	DR71S	DR71M	DR80M				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	356	367	392	433				
LS	411	435	460	514				
LB	149	160	185	220				
LBS	204	228	253	301				

kVA	n
i	f
P	H_z

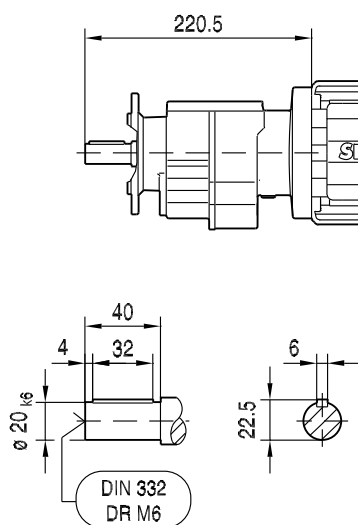
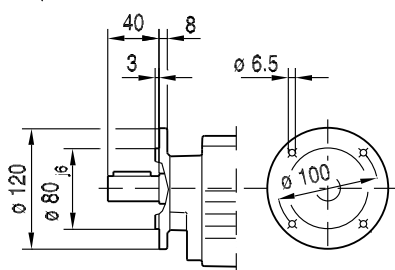
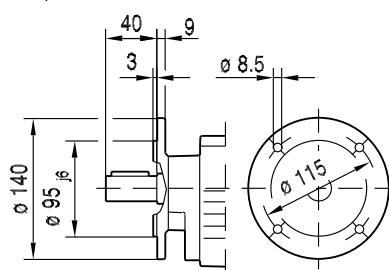
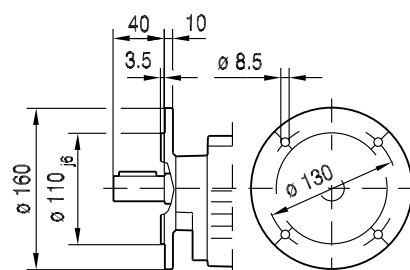
R..DRE/DRS
R..DR.. [mm]

01 098 00 06

RF17..



DR80..

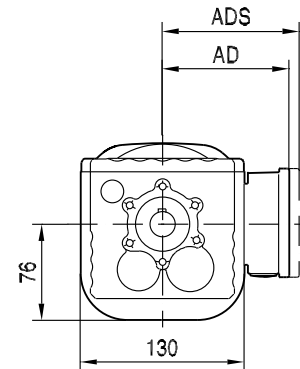
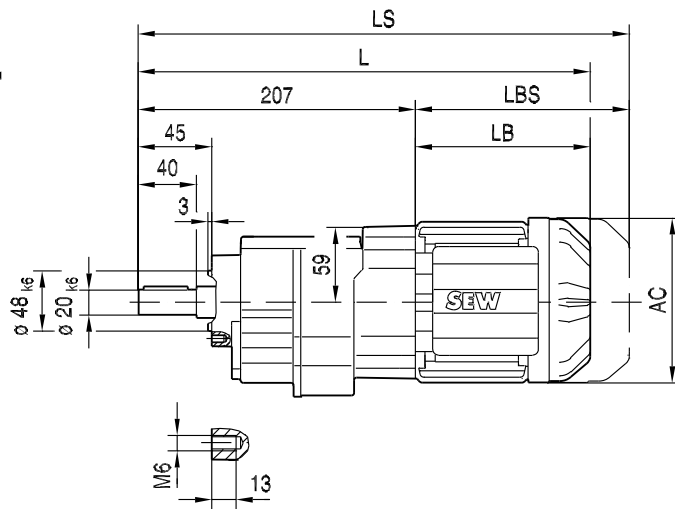
 $\phi 120$  $\phi 140$  $\phi 160$ 

(→ 136)	DR63..	DR71S	DR71M	DR80M				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	364	375	400	441				
LS	419	443	468	522				
LB	149	160	185	220				
LBS	204	228	253	301				

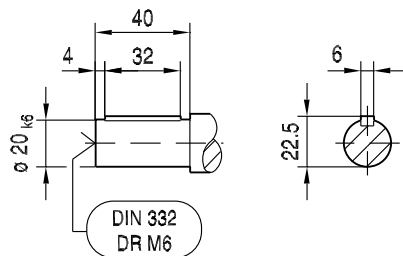
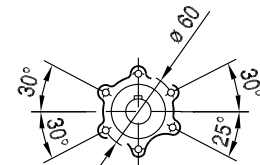
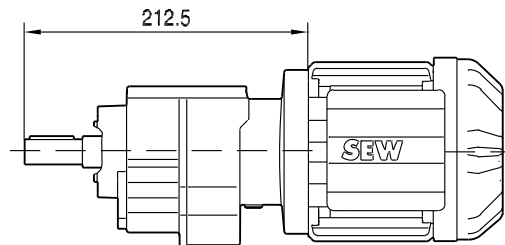
kVA	n
f	
i	
P	H_z

01 099 00 06

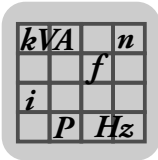
RZ17..



DR80..



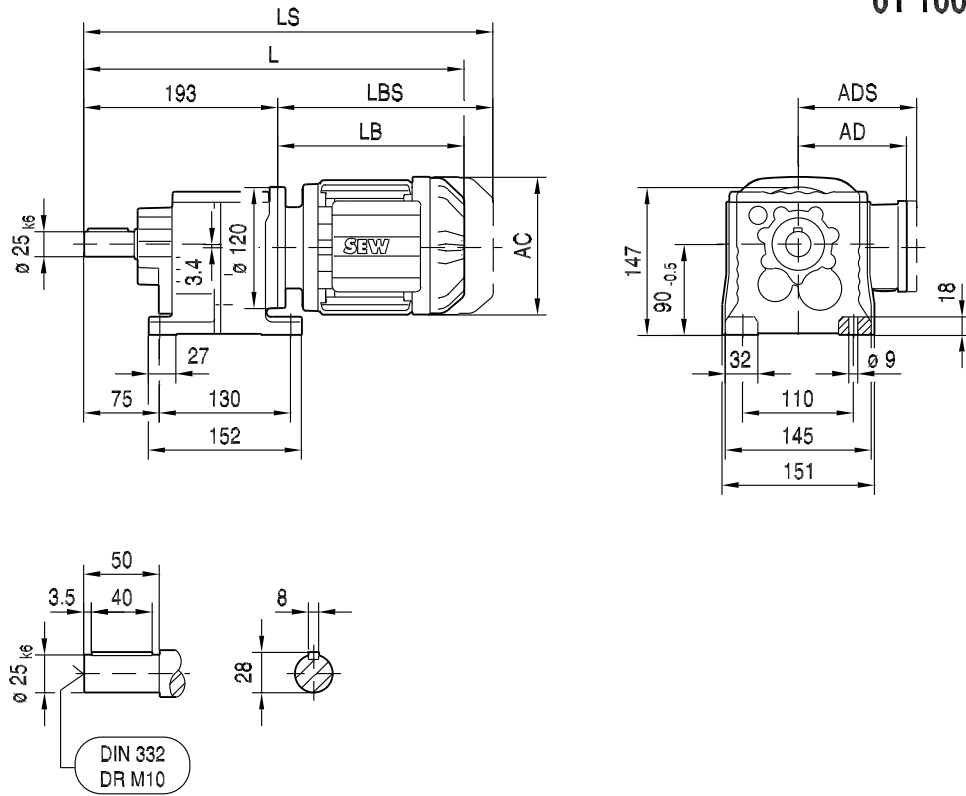
(→ 136)	DR63..	DR71S	DR71M	DR80M				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	356	367	392	433				
LS	411	435	460	514				
LB	149	160	185	220				
LBS	204	228	253	301				



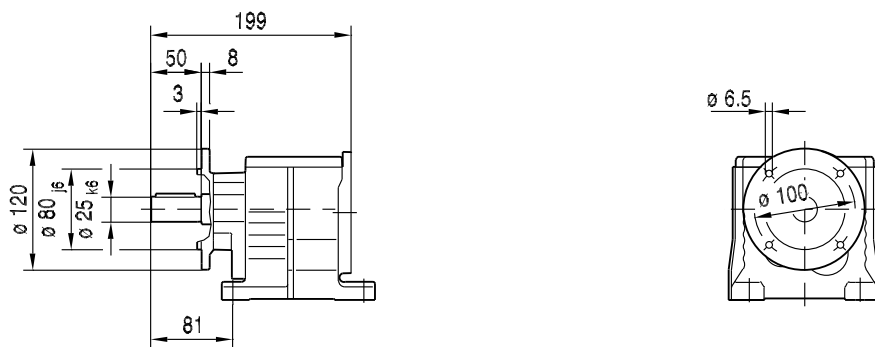
R..DRE/DRS
R..DR.. [mm]

01 100 00 06

R27..



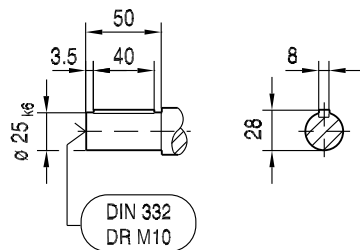
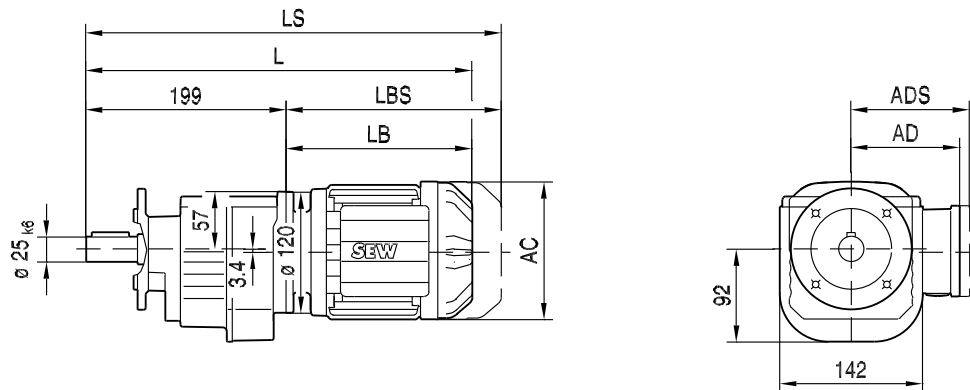
R27F..



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	384	395	420	461	465	485	515	545
LS	439	463	488	542	558	578	608	638
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445

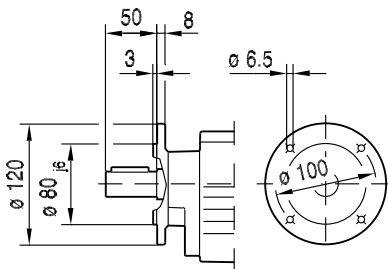
01 101 00 06

RF27..

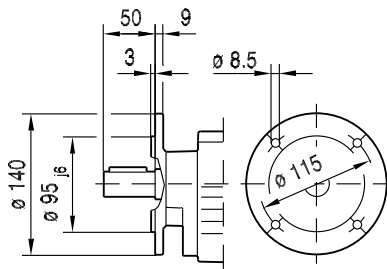


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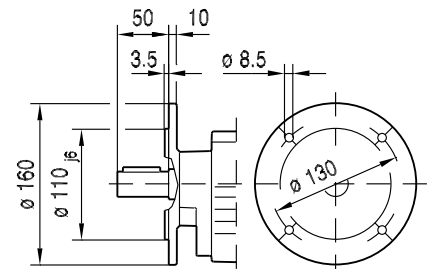
Ø 120



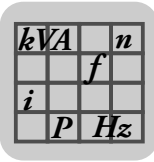
Ø 140



Ø 160



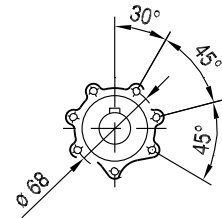
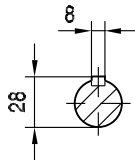
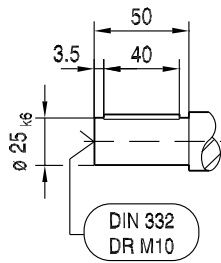
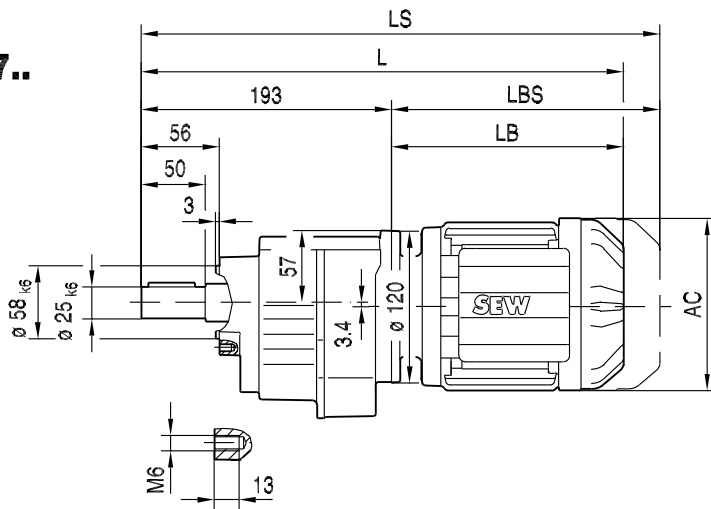
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	390	401	426	467	471	491	521	551
LS	445	469	494	548	564	584	614	644
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445



R..DRE/DRS
R..DR.. [mm]

01 102 00 06

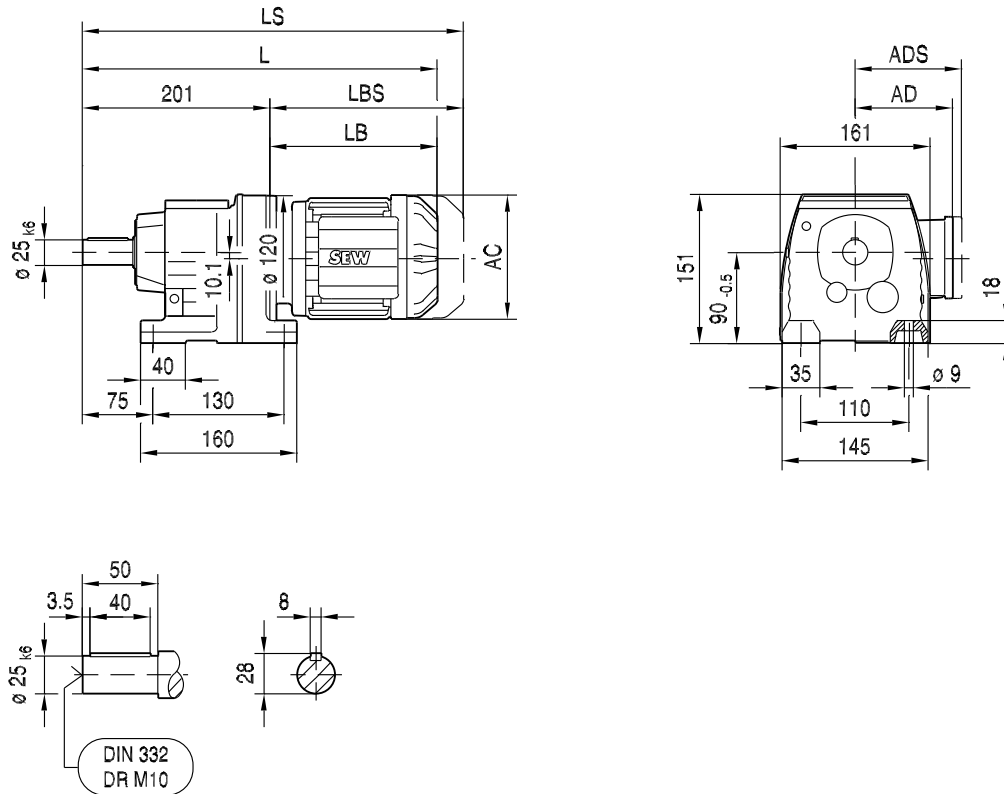
RZ27..



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	384	395	420	461	465	485	515	545
LS	439	463	488	542	558	578	608	638
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445

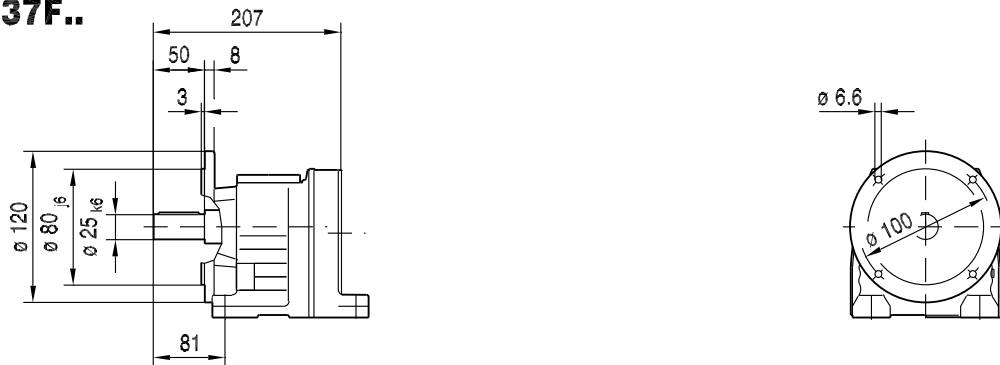
01 103 00 06

R37..

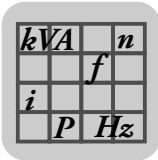


8

R37F..



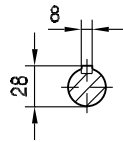
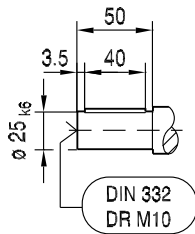
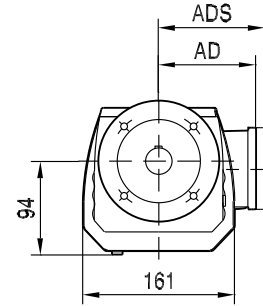
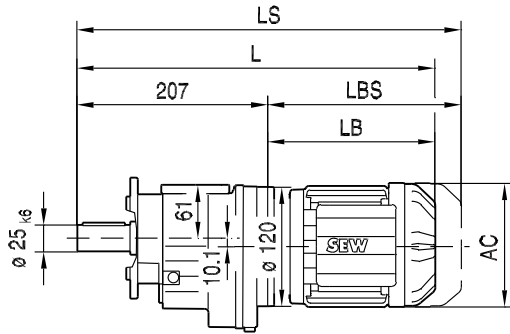
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	392	403	428	469	473	493	523	553
LS	447	471	496	550	566	586	616	646
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445



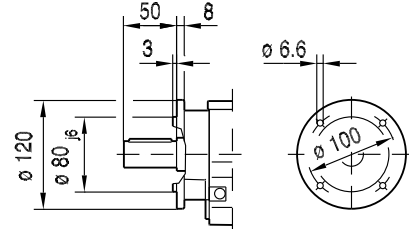
R..DRE/DRS
R..DR.. [mm]

01 104 01 06

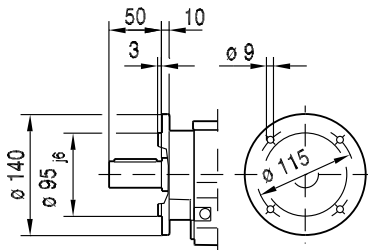
RF37..



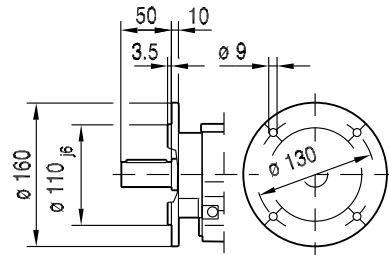
∅ 120



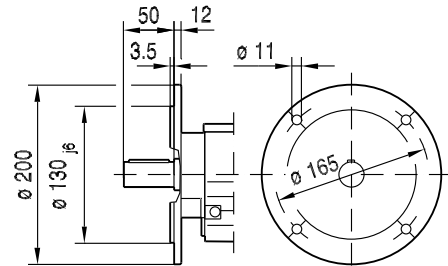
∅ 140



∅ 160



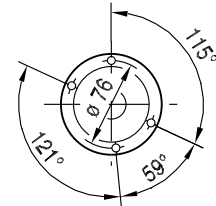
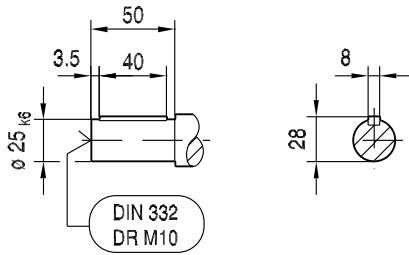
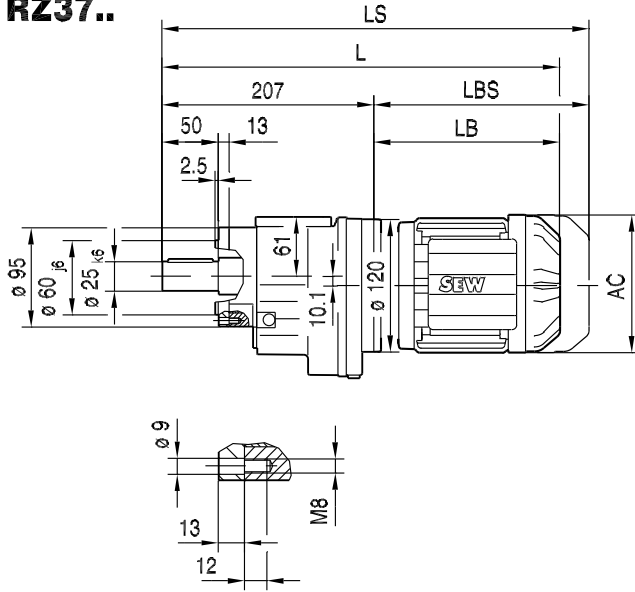
∅ 200



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	398	409	434	475	479	499	529	559
LS	453	477	502	556	572	592	622	652
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445

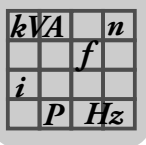
RZ37..

01 105 00 06



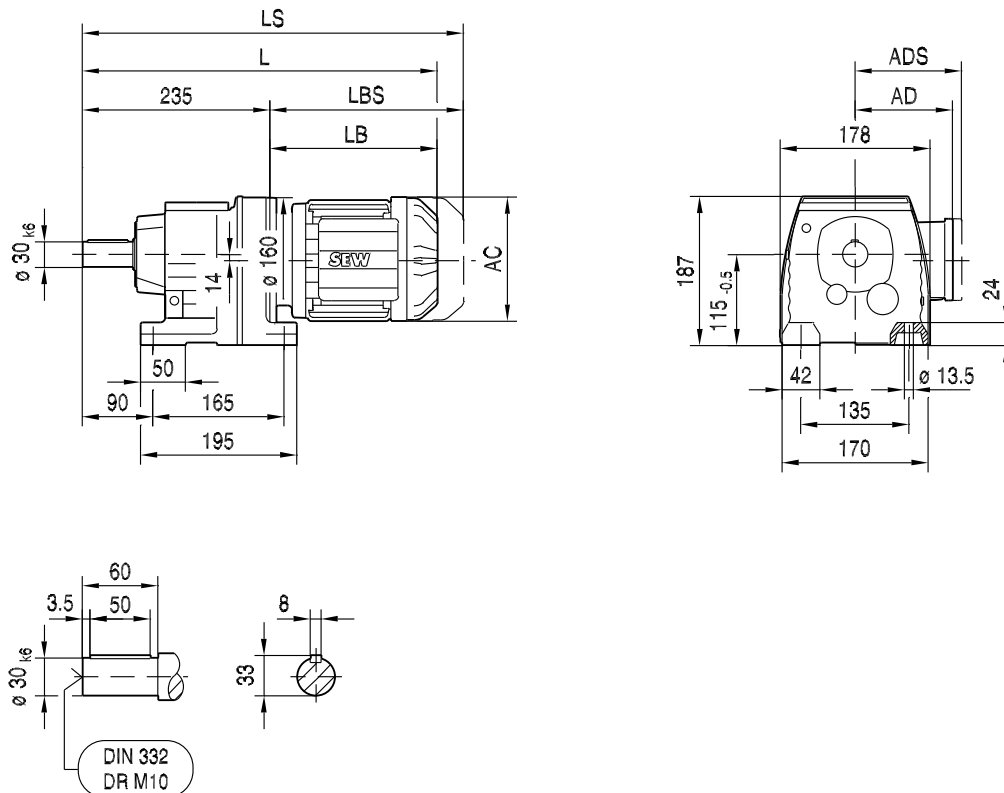
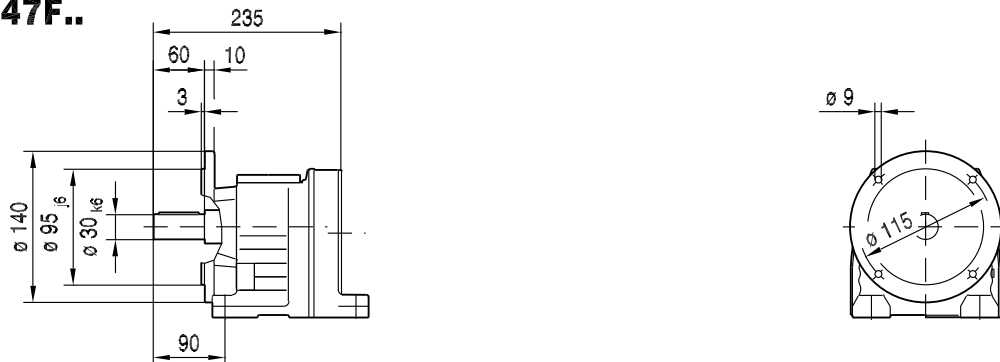
8

(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	398	409	434	475	479	499	529	559
LS	453	477	502	556	572	592	622	652
LB	191	202	227	268	272	292	322	352
LBS	246	270	295	349	365	385	415	445



R..DRE/DRS
R..DR.. [mm]

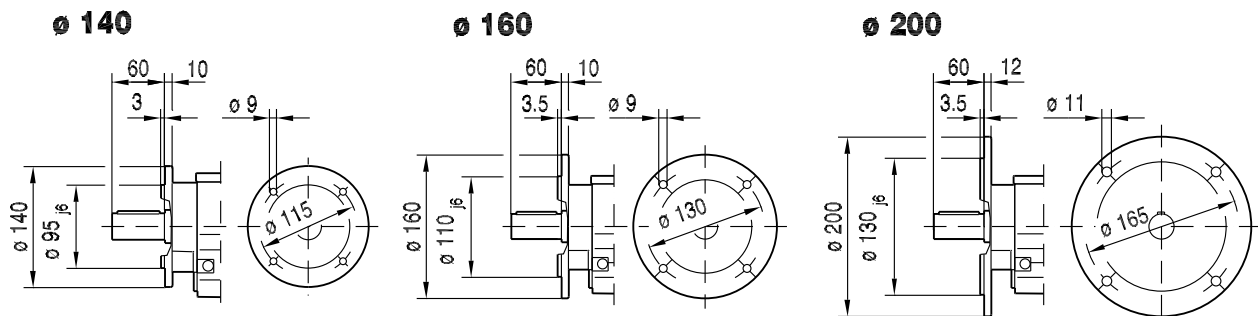
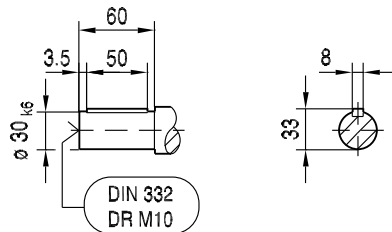
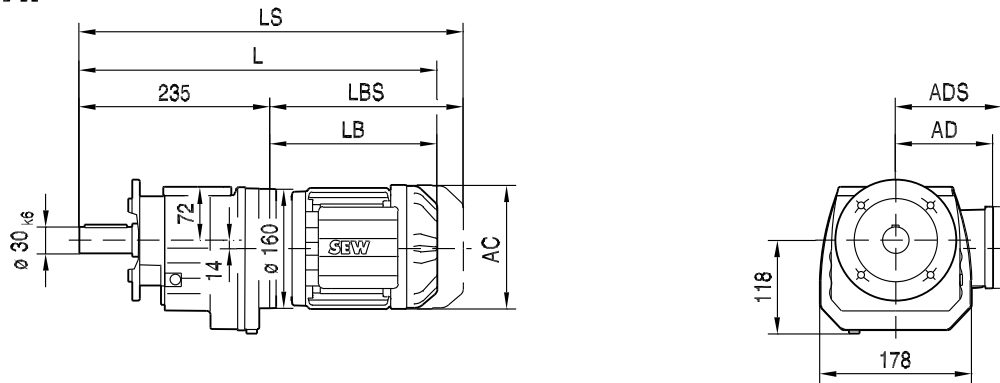
01 106 00 06

R47..**R47F..**

(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221	221
AD	105	119	119	128	140	140	157	157	170	170	170
ADS	105	129	129	139	150	150	158	158	172	172	172
L	420	431	456	496	498	518	548	578	590	625	675
LS	475	499	524	577	591	611	641	671	702	737	787
LB	185	196	221	261	263	283	313	343	355	390	440
LBS	240	264	289	342	356	376	406	436	467	502	552

01 107 00 06

RF47..



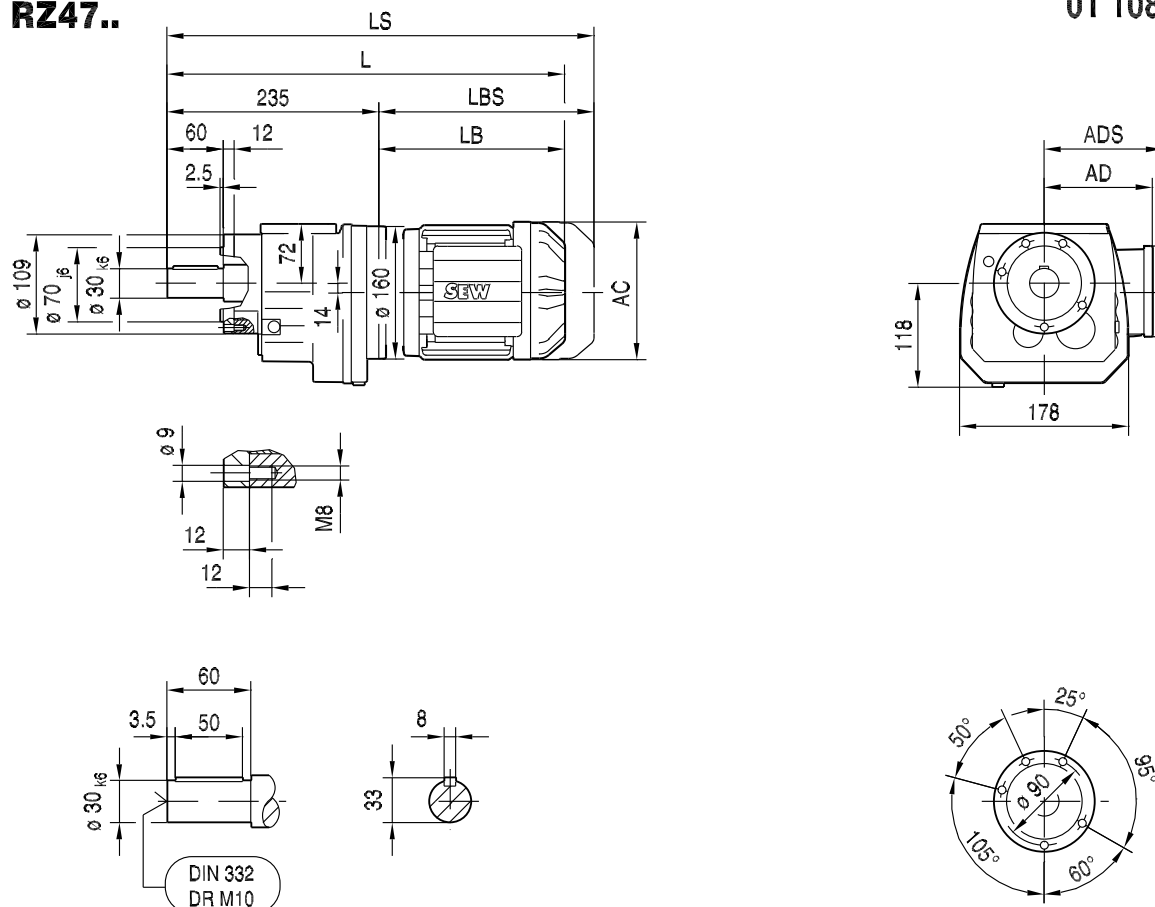
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221	221
AD	105	119	119	128	140	140	157	157	170	170	170
ADS	105	129	129	139	150	150	158	158	172	172	172
L	420	431	456	496	498	518	548	578	590	625	675
LS	475	499	524	577	591	611	641	671	702	737	787
LB	185	196	221	261	263	283	313	343	355	390	440
LBS	240	264	289	342	356	376	406	436	467	502	552

<i>kVA</i>	<i>n</i>
<i>f</i>	
<i>i</i>	
<i>P</i>	<i>H_Z</i>

R..DRE/DRS
R..DR.. [mm]

RZ47..

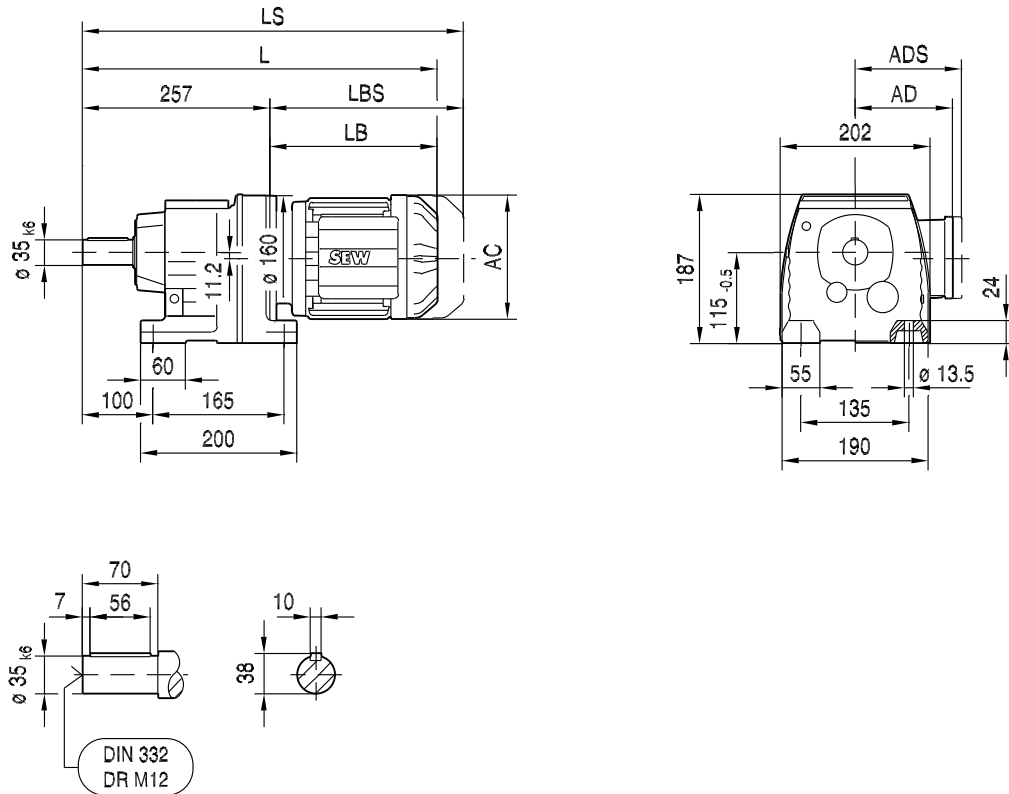
01 108 00 06



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221	221
AD	105	119	119	128	140	140	157	157	170	170	170
ADS	105	129	129	139	150	150	158	158	172	172	172
L	420	431	456	496	498	518	548	578	590	625	675
LS	475	499	524	577	591	611	641	671	702	737	787
LB	185	196	221	261	263	283	313	343	355	390	440
LBS	240	264	289	342	356	376	406	436	467	502	552

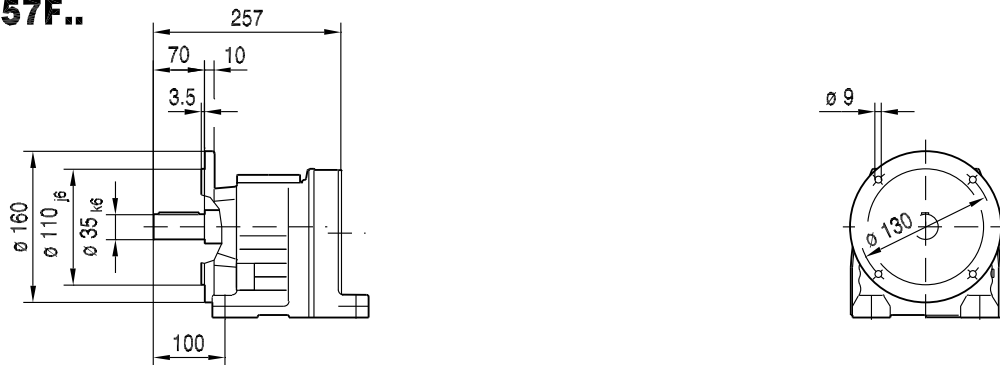
01 109 00 06

R57..



8

R57F..



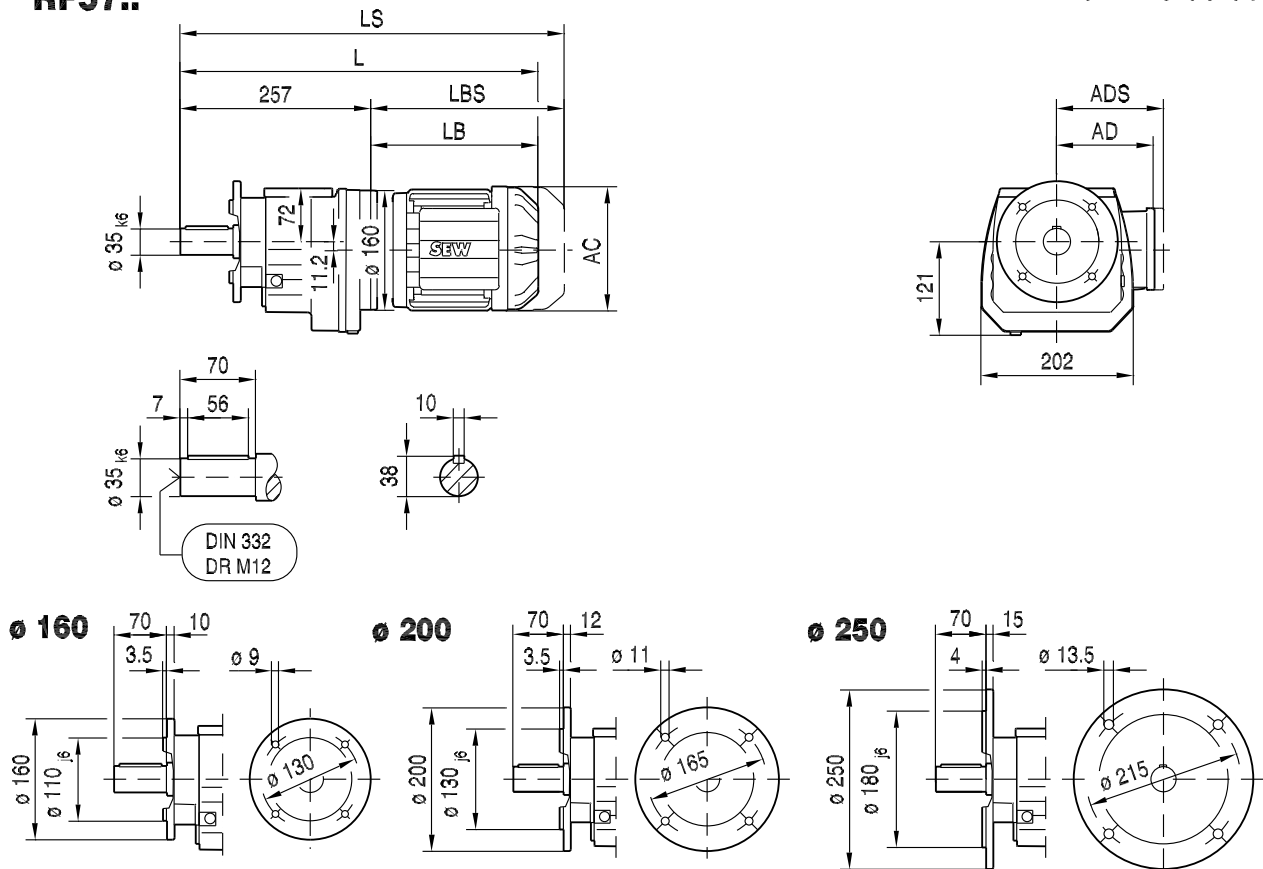
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	442	453	478	518	520	540	570	600	647	697
LS	497	521	546	599	613	633	663	693	759	809
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552

kVA	n
i	f
P	H _z

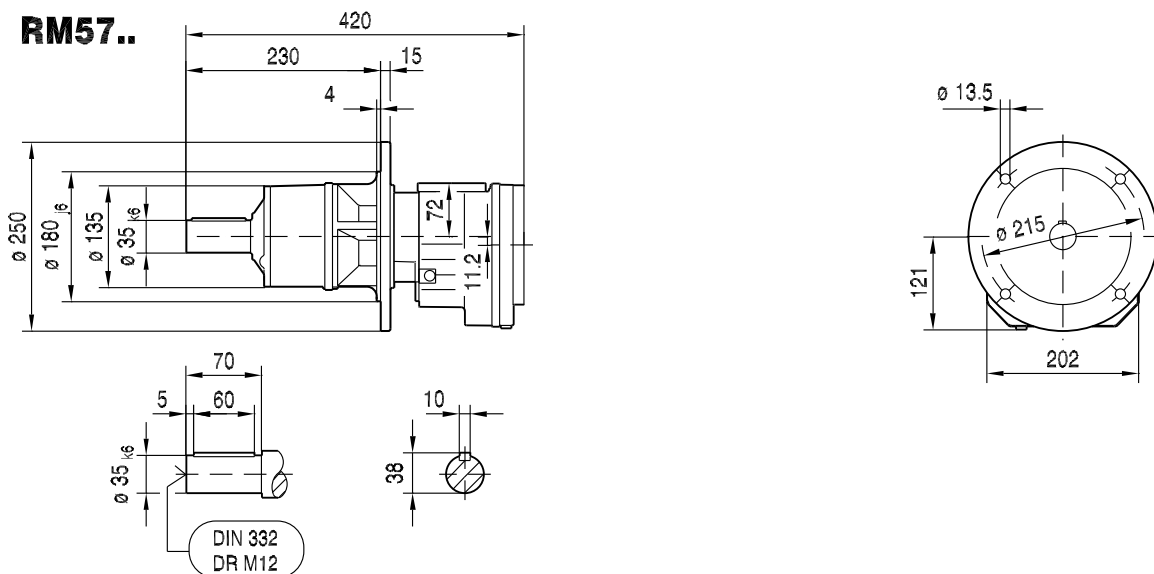
R..DRE/DRS
R..DR.. [mm]

01 110 00 06

RF57..



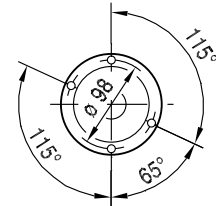
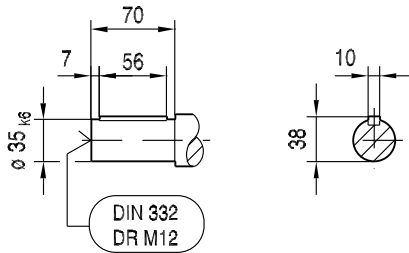
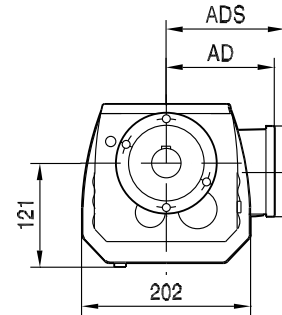
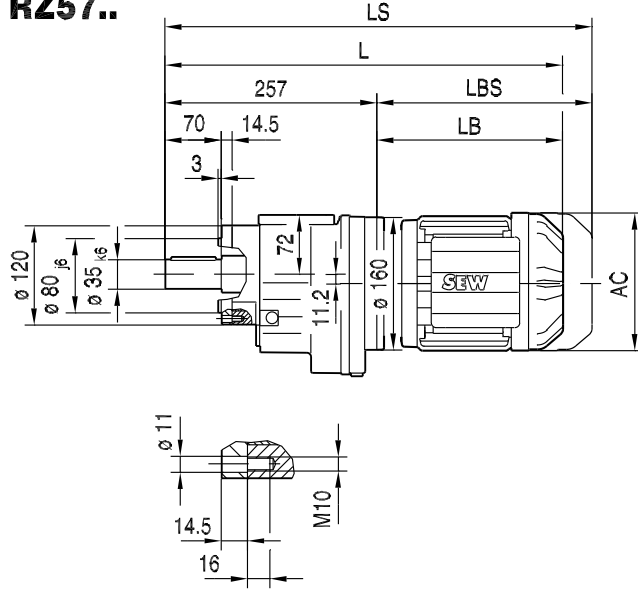
RM57..



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	442	453	478	518	520	540	570	600	647	697
LS	497	521	546	599	613	633	663	693	759	809
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552

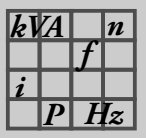
RZ57..

01 111 00 06



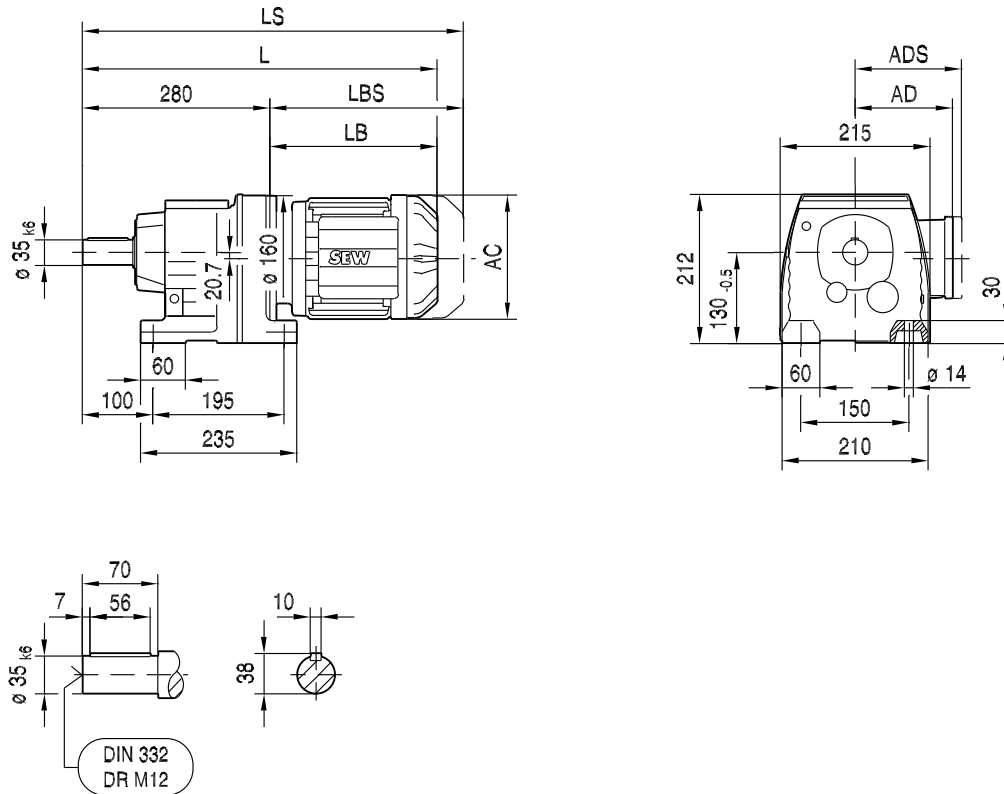
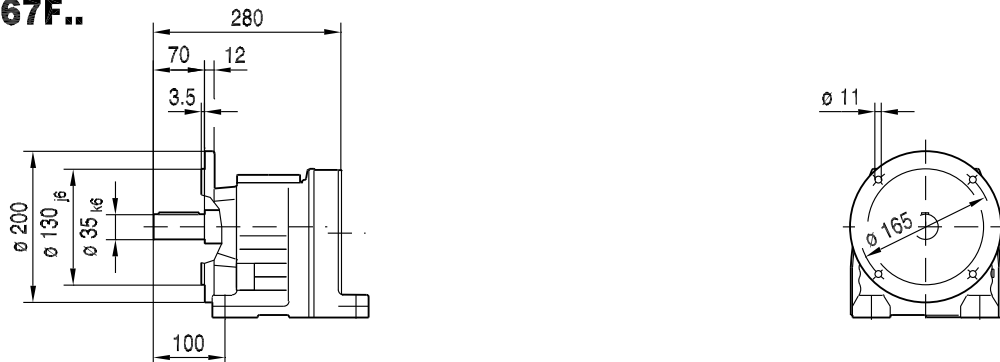
8

(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	442	453	478	518	520	540	570	600	647	697
LS	497	521	546	599	613	633	663	693	759	809
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552



R..DRE/DRS
R..DR.. [mm]

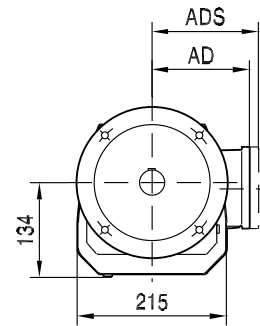
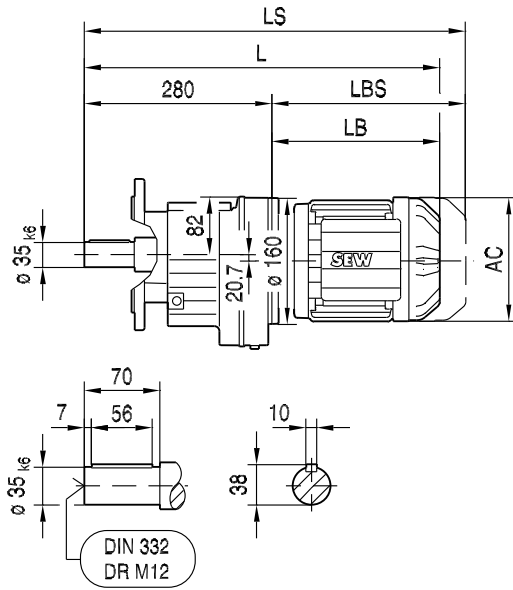
01 112 00 06

R67..**R67F..**

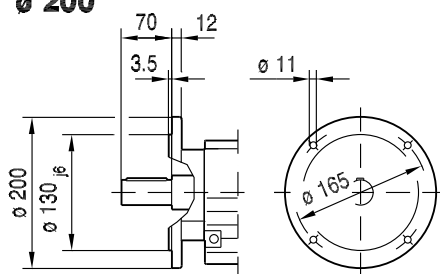
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	465	476	501	541	543	563	593	623	670	720
LS	520	544	569	622	636	656	686	716	782	832
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552

01 113 00 06

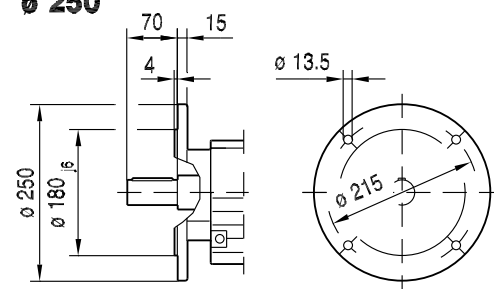
RF67..



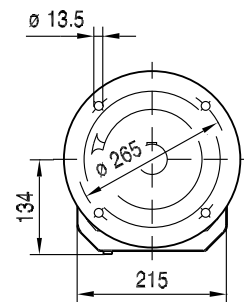
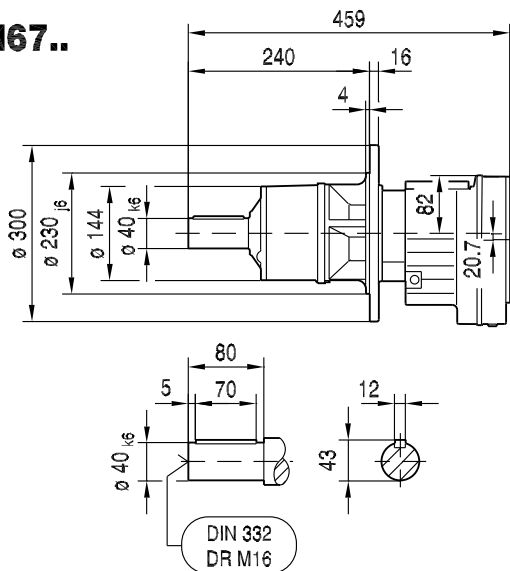
∅ 200



∅ 250



RM67..



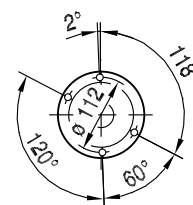
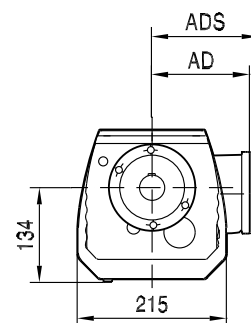
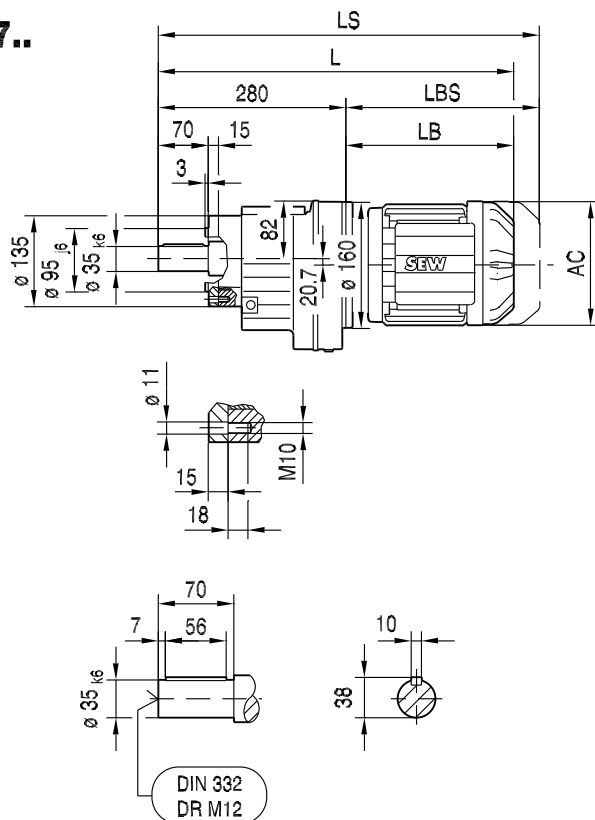
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	465	476	501	541	543	563	593	623	670	720
LS	520	544	569	622	636	656	686	716	782	832
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552

kVA	n
f	
i	
P	H _Z

R..DRE/DRS
R..DR.. [mm]

01 114 00 06

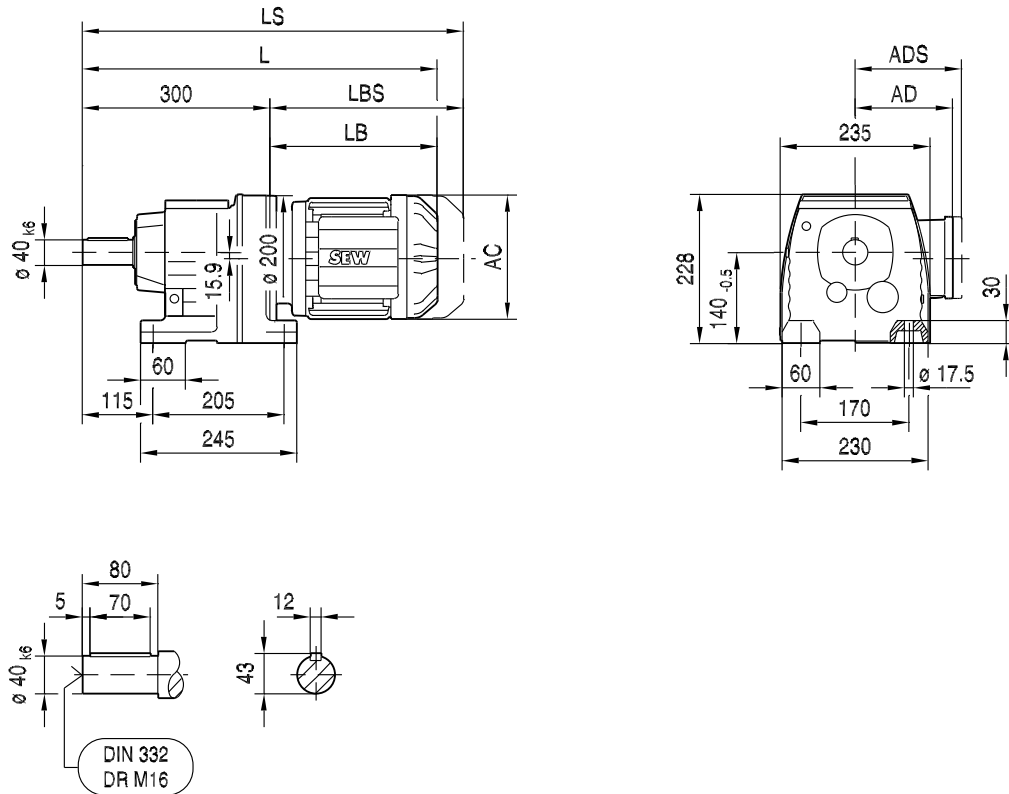
RZ67..



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	465	476	501	541	543	563	593	623	670	720
LS	520	544	569	622	636	656	686	716	782	832
LB	185	196	221	261	263	283	313	343	390	440
LBS	240	264	289	342	356	376	406	436	502	552

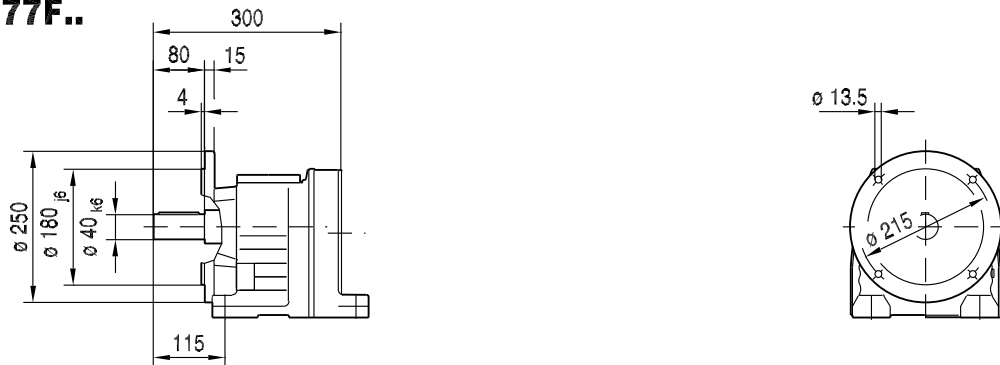
01 115 00 06

R77..



8

R77F..



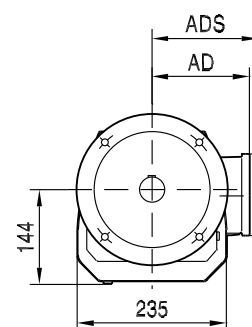
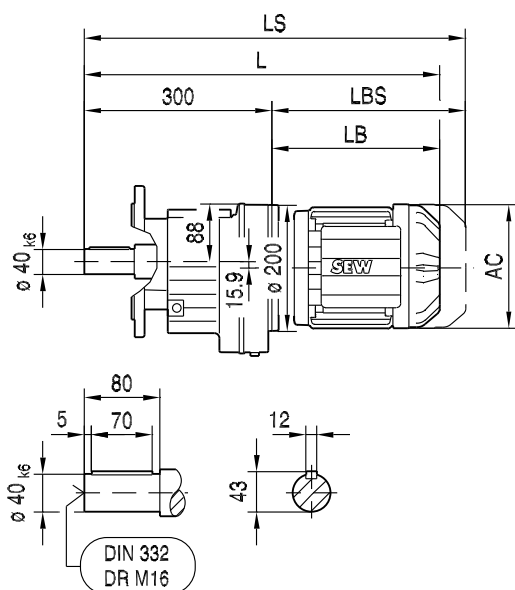
(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	132	139	139	156	179	179	197	197	221	221	270
AD	105	119	119	128	140	140	157	157	170	170	228
ADS	105	129	129	139	150	150	158	158	172	172	228
L	478	489	514	554	556	576	606	636	679	729	770
LS	533	557	582	635	649	669	699	729	791	841	907
LB	178	189	214	254	256	276	306	336	379	429	470
LBS	233	257	282	335	349	369	399	429	491	541	607

kVA	n
f	
i	
P	Hz

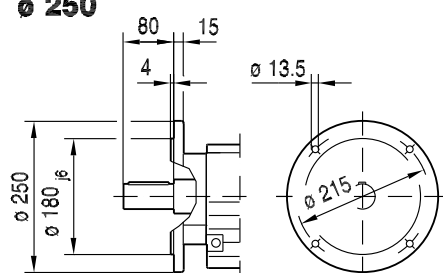
R..DRE/DRS
R..DR.. [mm]

01 116 00 06

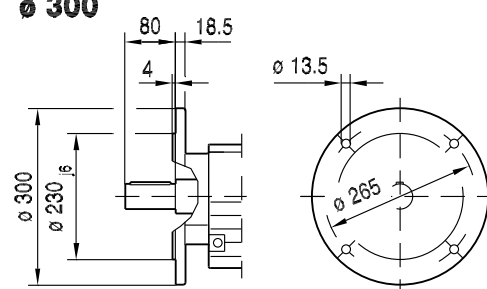
RF77..



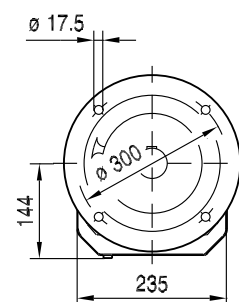
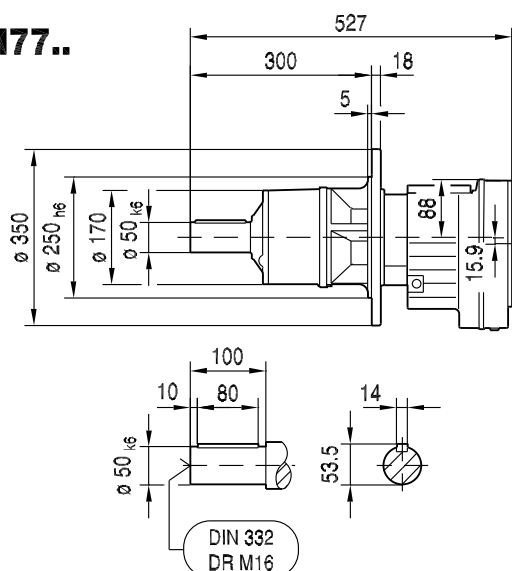
ø 250



ø 300



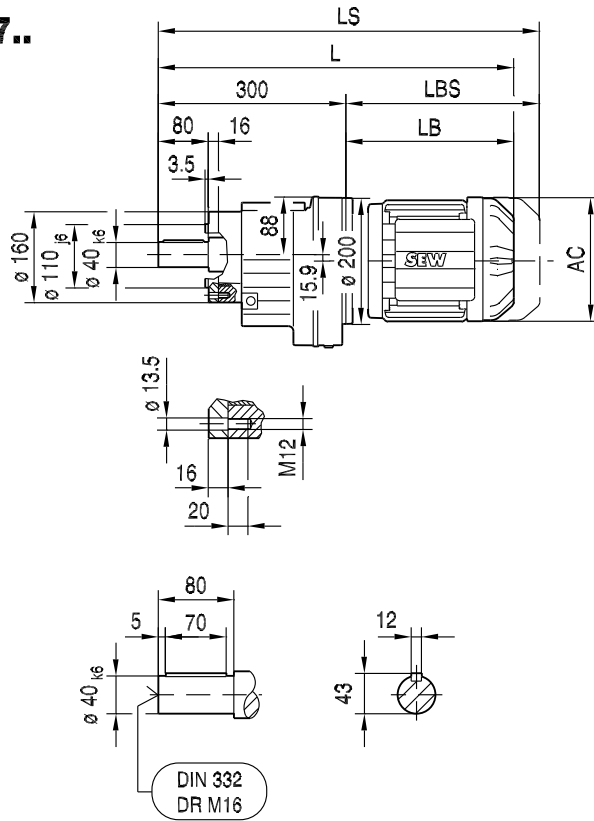
RM77..



(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	132	139	139	156	179	179	197	197	221	221	270
AD	105	119	119	128	140	140	157	157	170	170	228
ADS	105	129	129	139	150	150	158	158	172	172	228
L	478	489	514	554	556	576	606	636	679	729	770
LS	533	557	582	635	649	669	699	729	791	841	907
LB	178	189	214	254	256	276	306	336	379	429	470
LBS	233	257	282	335	349	369	399	429	491	541	607

01 117 00 06

RZ77..



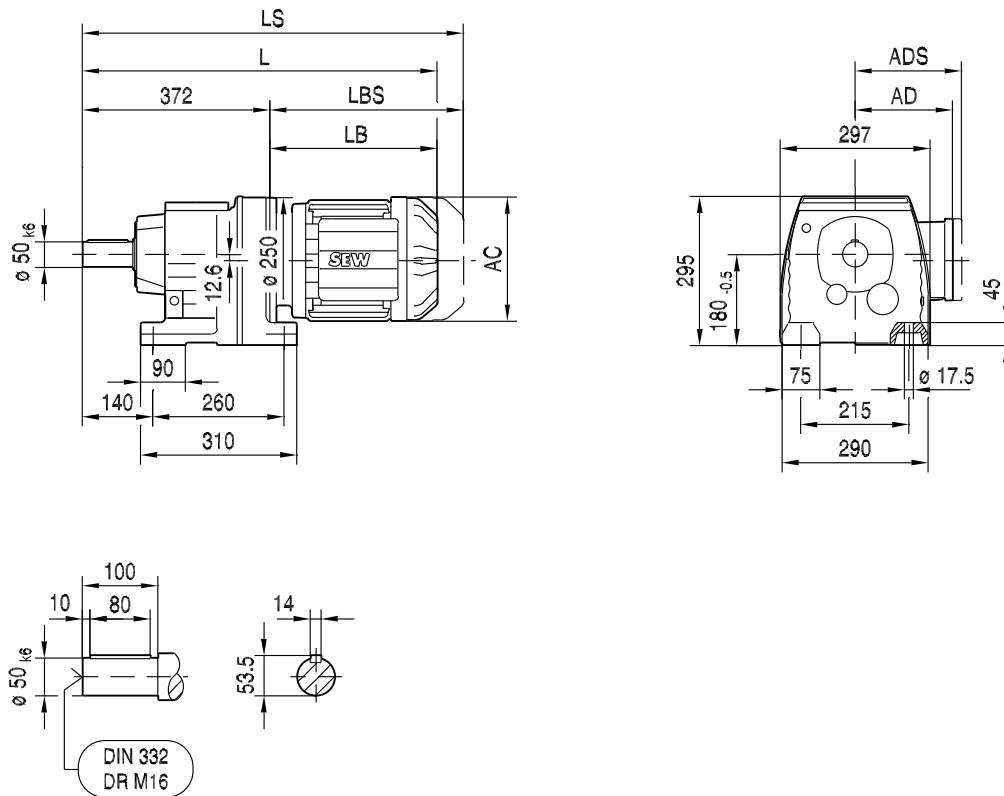
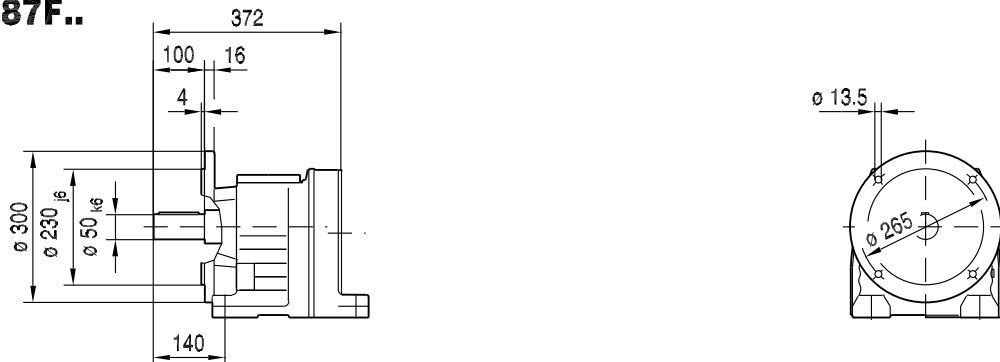
8

(→ 136)	DR63..	DR71S	DR71M	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	132	139	139	156	179	179	197	197	221	221	270
AD	105	119	119	128	140	140	157	157	170	170	228
ADS	105	129	129	139	150	150	158	158	172	172	228
L	478	489	514	554	556	576	606	636	679	729	770
LS	533	557	582	635	649	669	699	729	791	841	907
LB	178	189	214	254	256	276	306	336	379	429	470
LBS	233	257	282	335	349	369	399	429	491	541	607

kVA	n
f	
i	P Hz

R..DRE/DRS
R..DR.. [mm]

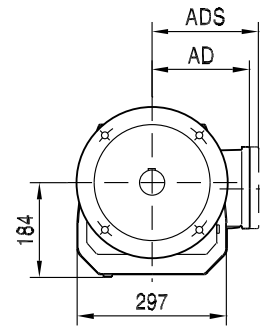
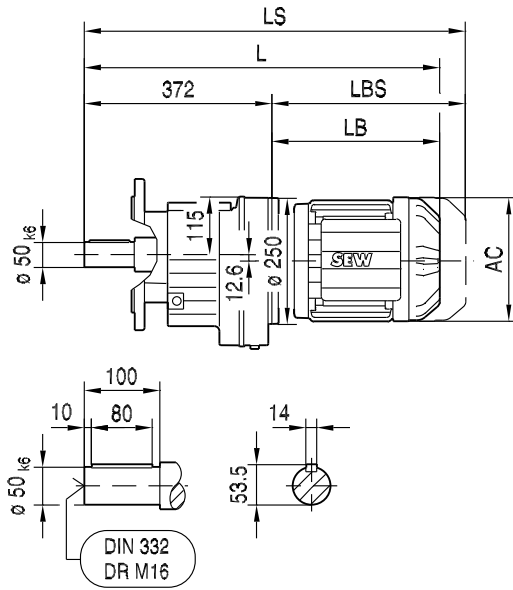
01 118 00 06

R87..**R87F..**

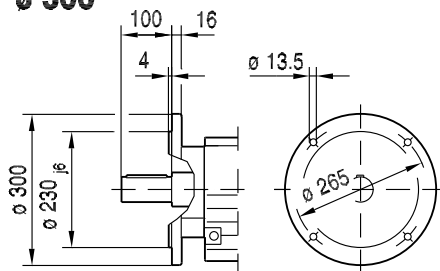
(→ 136)	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	139	156	156	179	179	197	197	221	221	270	316	316
AD	119	128	128	140	140	157	157	170	170	228	253	253
ADS	129	139	139	150	150	158	158	172	172	228	253	253
L	581	590	621	623	643	673	703	746	796	837	906	966
LS	649	671	702	716	736	766	796	858	908	974	1095	1155
LB	209	218	249	251	271	301	331	374	424	465	534	594
LBS	277	299	330	344	364	394	424	486	536	602	723	783

01 119 01 06

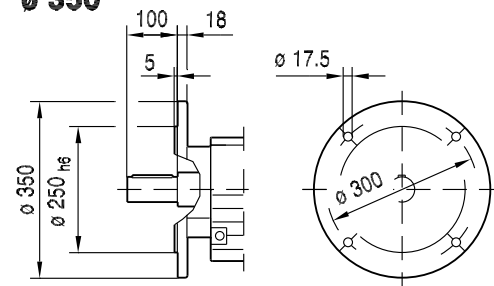
RF87..



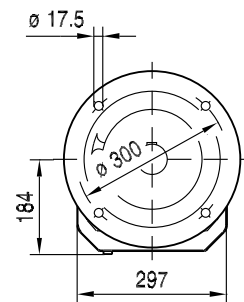
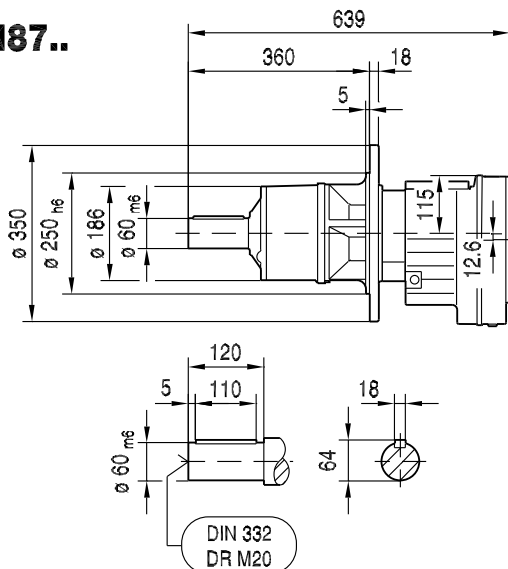
ø 300



ø 350



RM87..



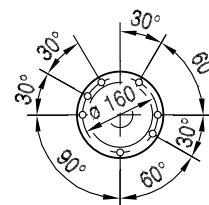
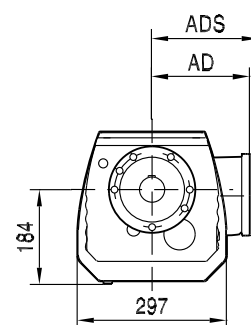
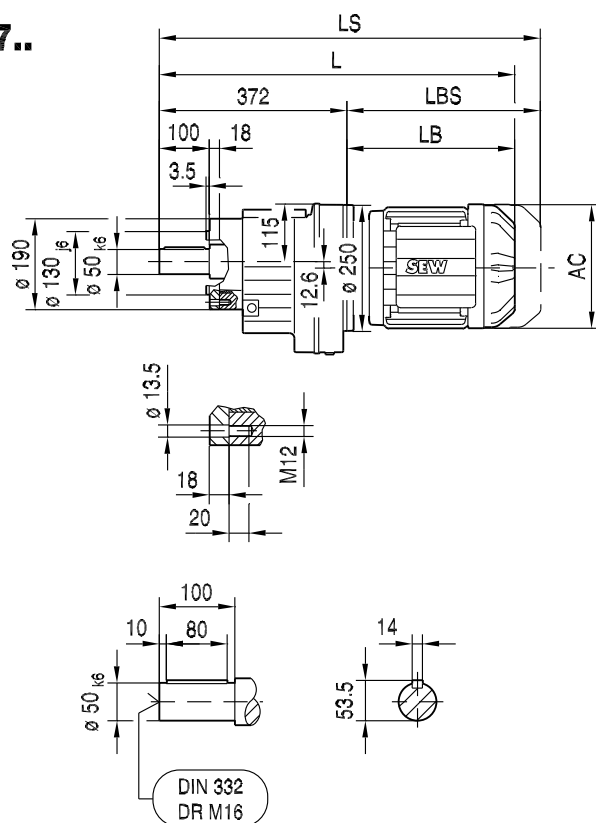
(→ 136)	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	139	156	156	179	179	197	197	221	221	270	316	316
AD	119	128	128	140	140	157	157	170	170	228	253	253
ADS	129	139	139	150	150	158	158	172	172	228	253	253
L	581	590	621	623	643	673	703	746	796	837	906	966
LS	649	671	702	716	736	766	796	858	908	974	1095	1155
LB	209	218	249	251	271	301	331	374	424	465	534	594
LBS	277	299	330	344	364	394	424	486	536	602	723	783

kVA	n
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R..DRE/DRS
R..DR.. [mm]

01 120 00 06

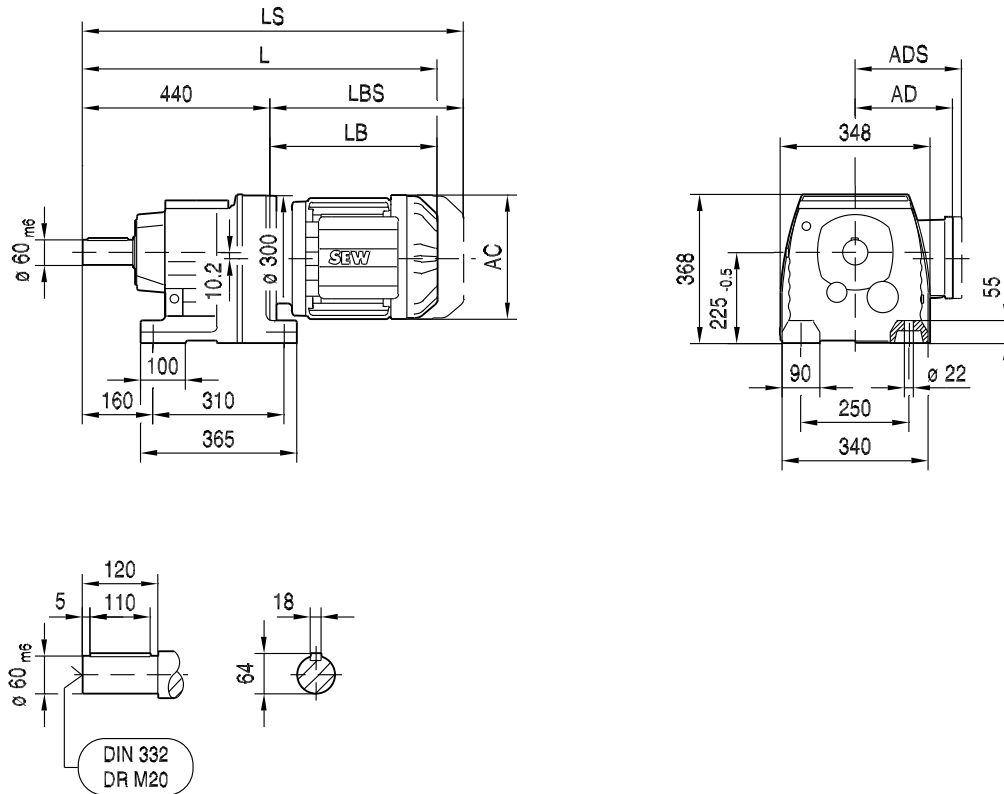
RZ87..



(→ 136)	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	139	156	156	179	179	197	197	221	221	270	316	316
AD	119	128	128	140	140	157	157	170	170	228	253	253
ADS	129	139	139	150	150	158	158	172	172	228	253	253
L	581	590	621	623	643	673	703	746	796	837	906	966
LS	649	671	702	716	736	766	796	858	908	974	1095	1155
LB	209	218	249	251	271	301	331	374	424	465	534	594
LBS	277	299	330	344	364	394	424	486	536	602	723	783

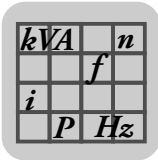
01 121 00 06

R97..



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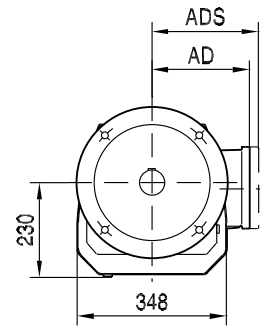
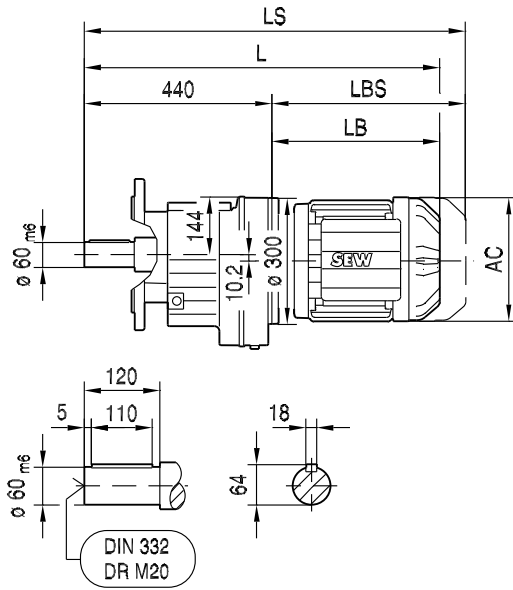
(→ 136)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200
AC	156	156	179	179	197	197	221	221	270	316	316	394
AD	128	128	140	140	157	157	170	170	228	253	253	283
ADS	139	139	150	150	158	158	172	172	228	253	253	283
L	653	684	686	706	736	766	809	859	900	969	1029	1102
LS	734	765	779	799	829	859	921	971	1037	1158	1218	1307
LB	213	244	246	266	296	326	369	419	460	529	589	662
LBS	294	325	339	359	389	419	481	531	597	718	778	867



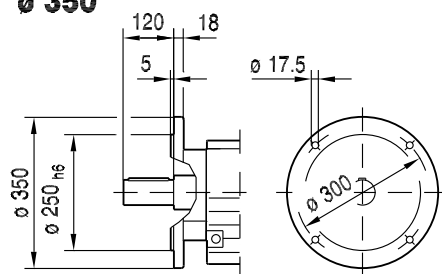
R..DRE/DRS
R..DR.. [mm]

01 122 00 06

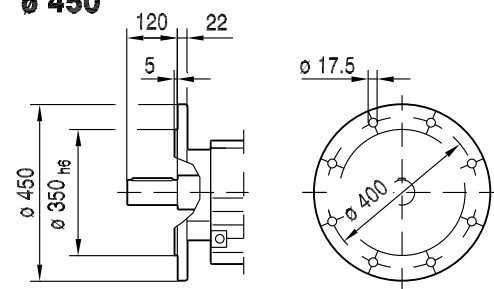
RF97..



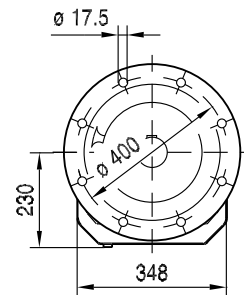
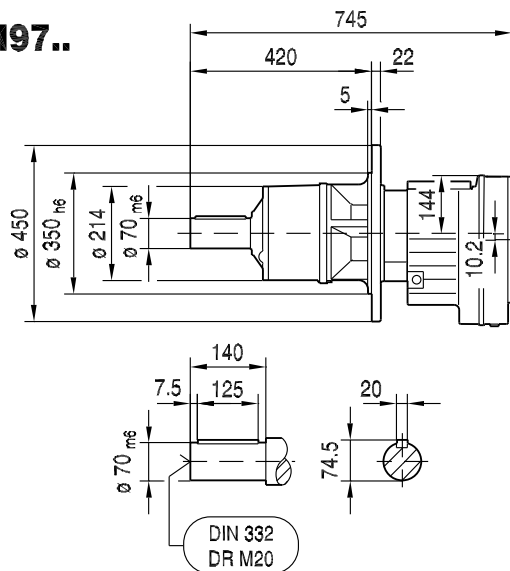
ø 350



ø 450



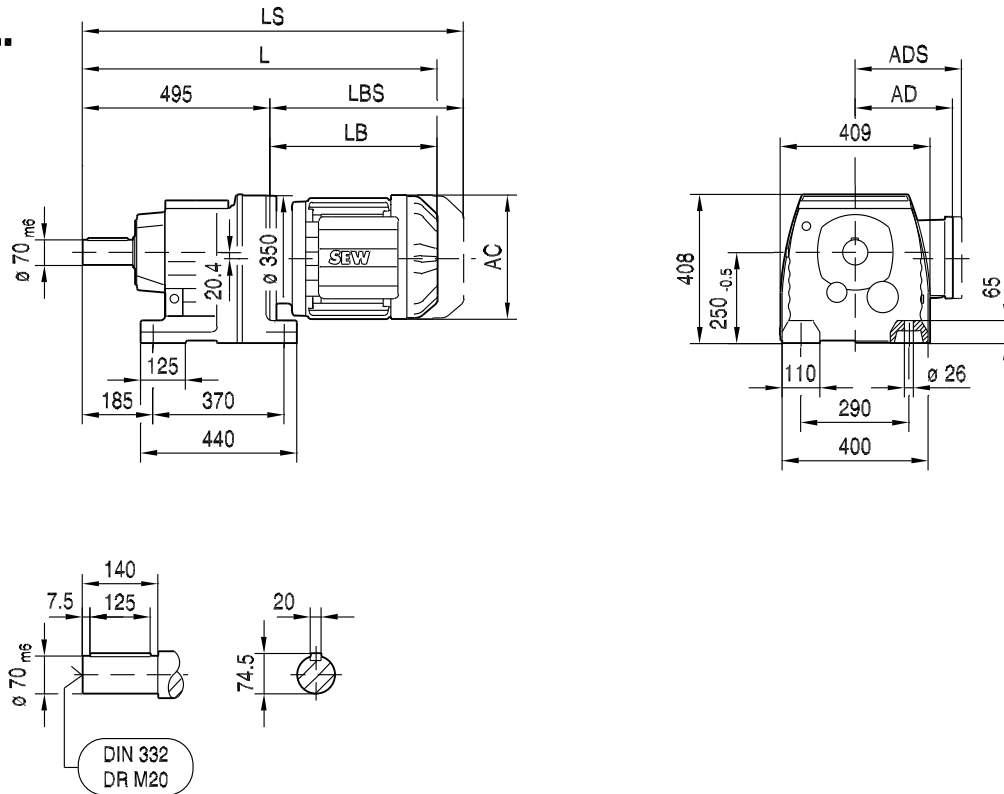
RM97..



(→ 136)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200
AC	156	156	179	179	197	197	221	221	270	316	316	394
AD	128	128	140	140	157	157	170	170	228	253	253	283
ADS	139	139	150	150	158	158	172	172	228	253	253	283
L	653	684	686	706	736	766	809	859	900	969	1029	1102
LS	734	765	779	799	829	859	921	971	1037	1158	1218	1307
LB	213	244	246	266	296	326	369	419	460	529	589	662
LBS	294	325	339	359	389	419	481	531	597	718	778	867

01 123 00 06

R107..



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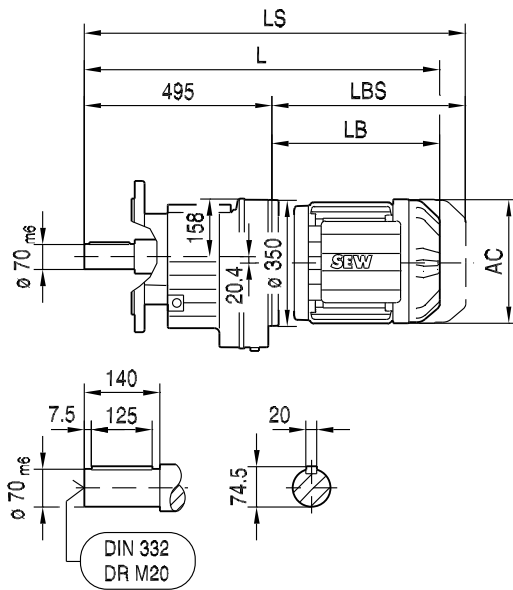
(→ 136)	DR100M	DR100L/LC	DR112M	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC
AC	197	197	221	221	221	270	316	316	394	394	394
AD	157	157	170	170	170	228	253	253	283	283	283
ADS	158	158	172	172	172	228	253	253	283	283	283
L	785	815	823	858	908	949	1018	1078	1151	1151	1201
LS	878	908	935	970	1020	1086	1207	1267	1356	1356	1406
LB	290	320	328	363	413	454	523	583	656	656	706
LBS	383	413	440	475	525	591	712	772	861	861	911

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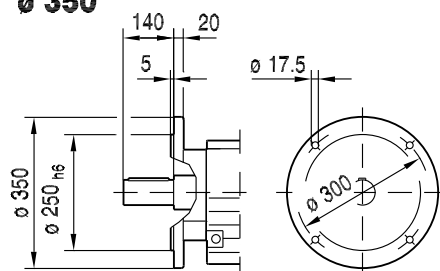
R..DRE/DRS
R..DR.. [mm]

01 124 00 06

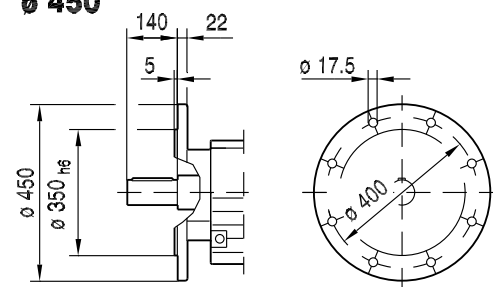
RF107..



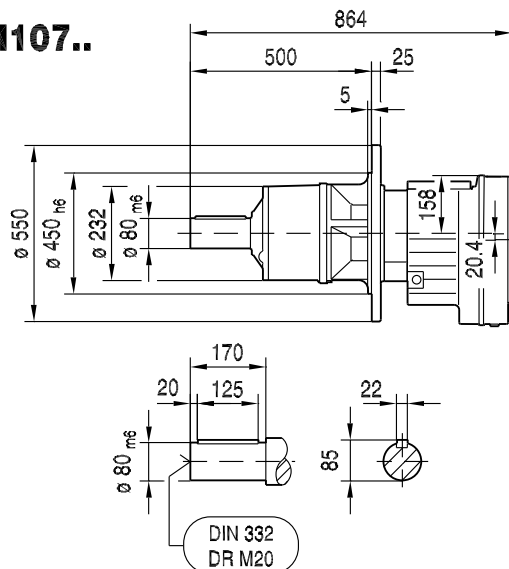
ø 350



ø 450



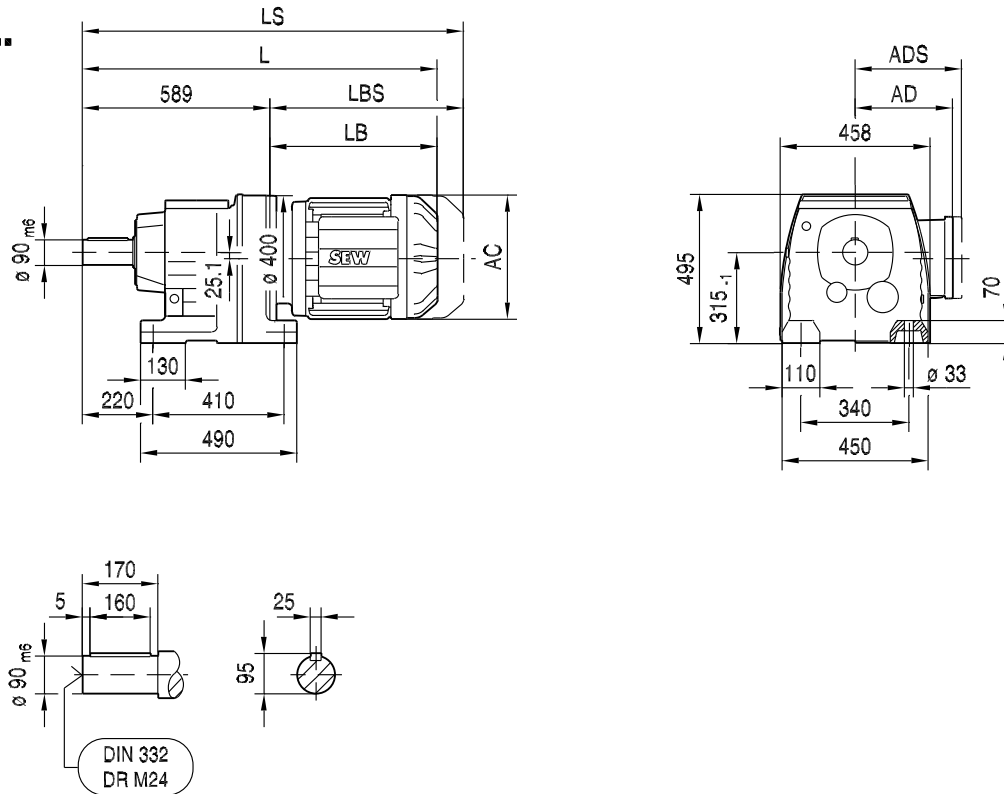
RM107..



(→ 136)	DR100M	DR100L/LC	DR112M	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC
AC	197	197	221	221	221	270	316	316	394	394	394
AD	157	157	170	170	170	228	253	253	283	283	283
ADS	158	158	172	172	172	228	253	253	283	283	283
L	785	815	823	858	908	949	1018	1078	1151	1151	1201
LS	878	908	935	970	1020	1086	1207	1267	1356	1356	1406
LB	290	320	328	363	413	454	523	583	656	656	706
LBS	383	413	440	475	525	591	712	772	861	861	911

01 125 00 06

R137..



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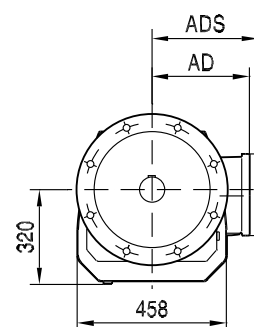
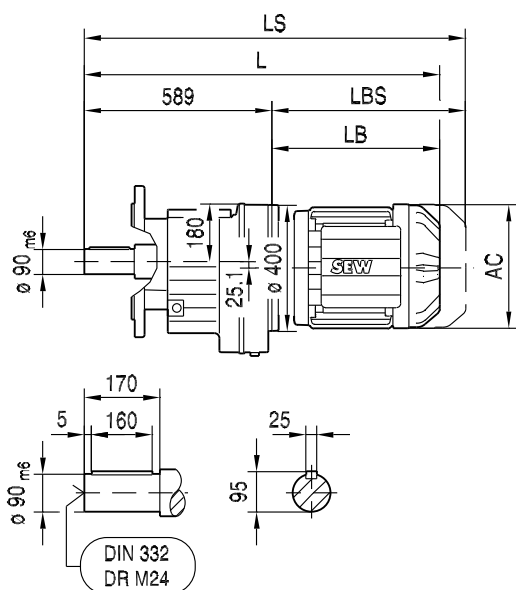
(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250
AC	221	270	316	316	394	394	394	495
AD	170	228	253	253	283	283	283	394
ADS	172	228	253	253	283	283	283	394
L	995	1036	1105	1165	1238	1238	1288	1349
LS	1107	1173	1294	1354	1443	1443	1493	1589
LB	406	447	516	576	649	649	699	760
LBS	518	584	705	765	854	854	904	1000

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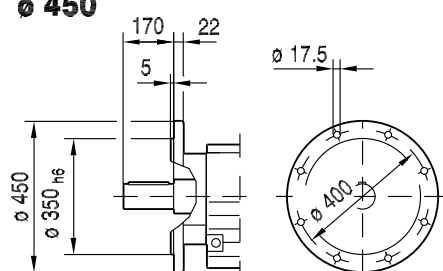
R..DRE/DRS
R..DR.. [mm]

01 126 00 06

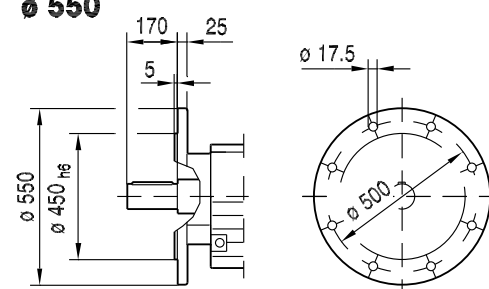
RF137..



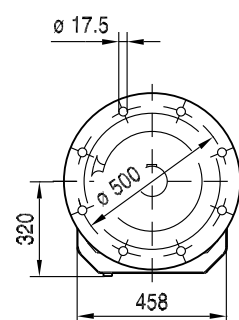
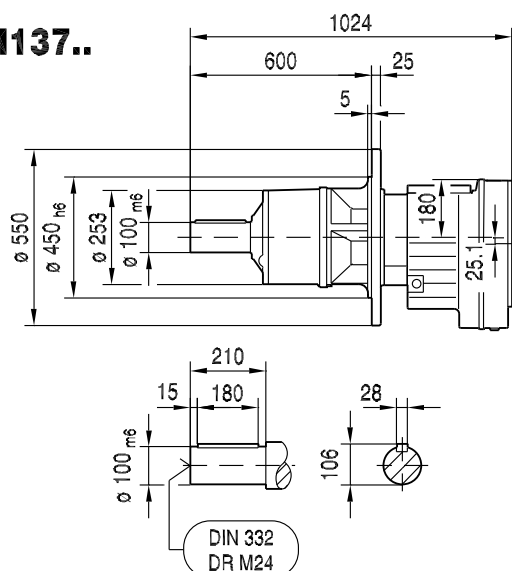
ø 450



ø 550



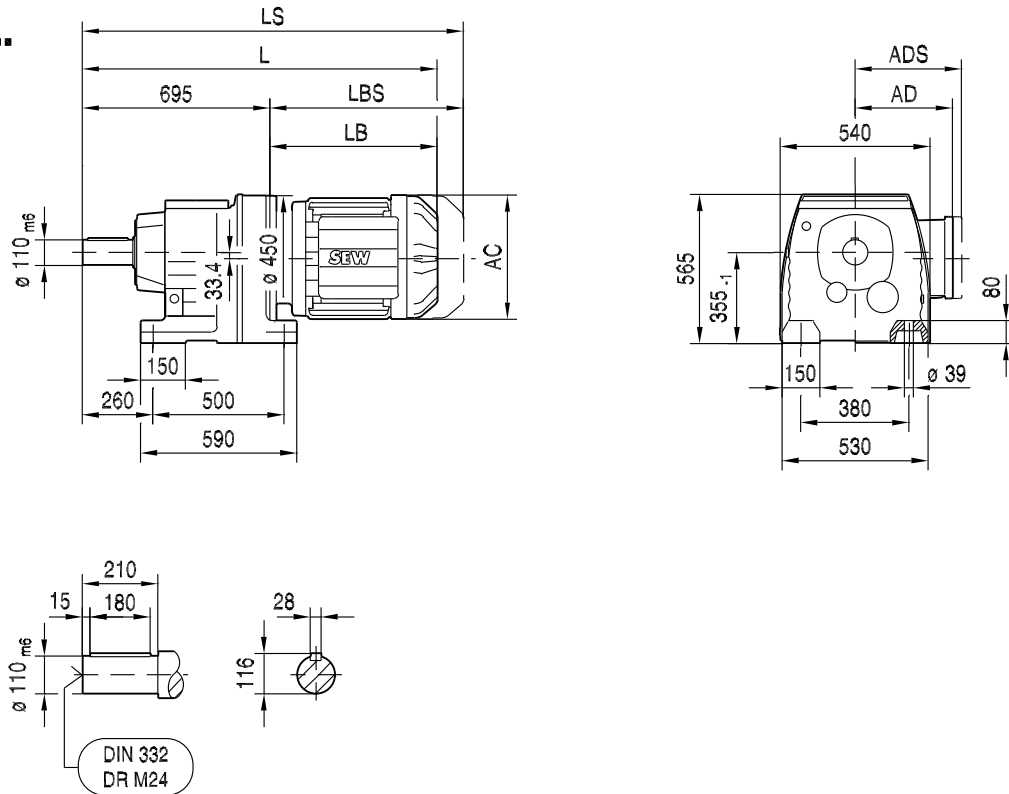
RM137..



(→ 136)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250
AC	221	270	316	316	394	394	394	495
AD	170	228	253	253	283	283	283	394
ADS	172	228	253	253	283	283	283	394
L	995	1036	1105	1165	1238	1238	1288	1349
LS	1107	1173	1294	1354	1443	1443	1493	1589
LB	406	447	516	576	649	649	699	760
LBS	518	584	705	765	854	854	904	1000

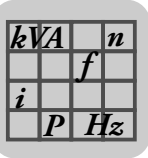
01 127 00 06

R147..



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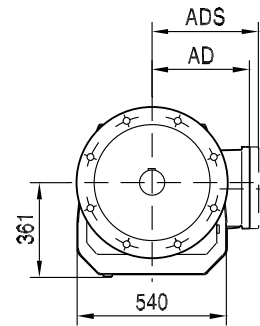
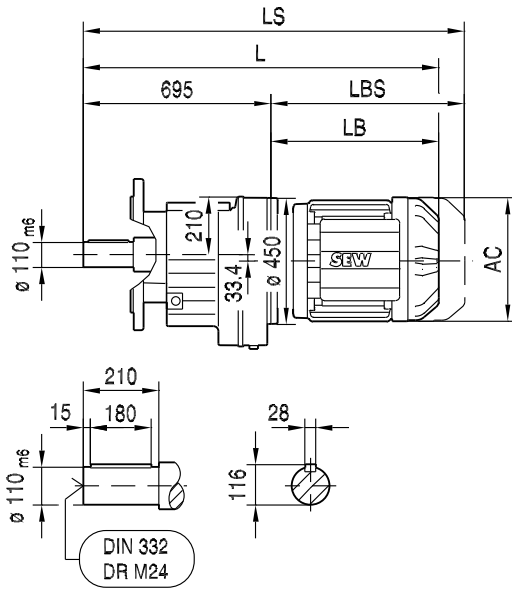
(→ 136)	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250	DR280
AC	270	316	316	394	394	394	495	495
AD	228	253	253	283	283	283	394	394
ADS	228	253	253	283	283	283	394	394
L	1134	1203	1263	1336	1336	1386	1447	1447
LS	1271	1392	1452	1541	1541	1591	1687	1687
LB	439	508	568	641	641	691	752	752
LBS	576	697	757	846	846	896	992	992



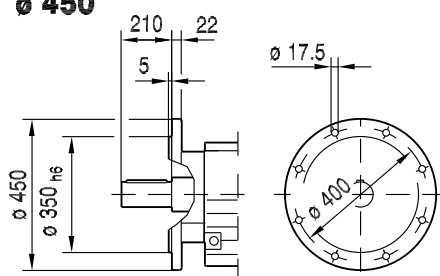
R..DRE/DRS
R..DR.. [mm]

01 128 00 06

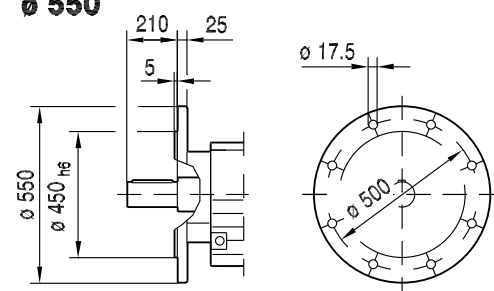
RF147..



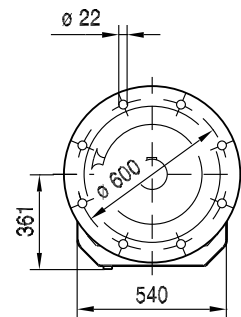
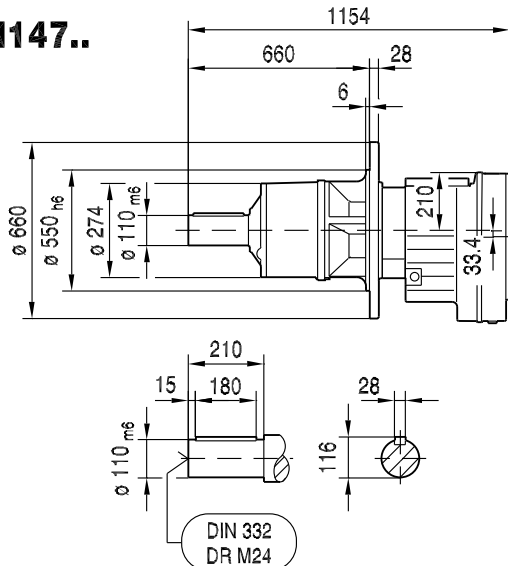
∅ 450



∅ 550



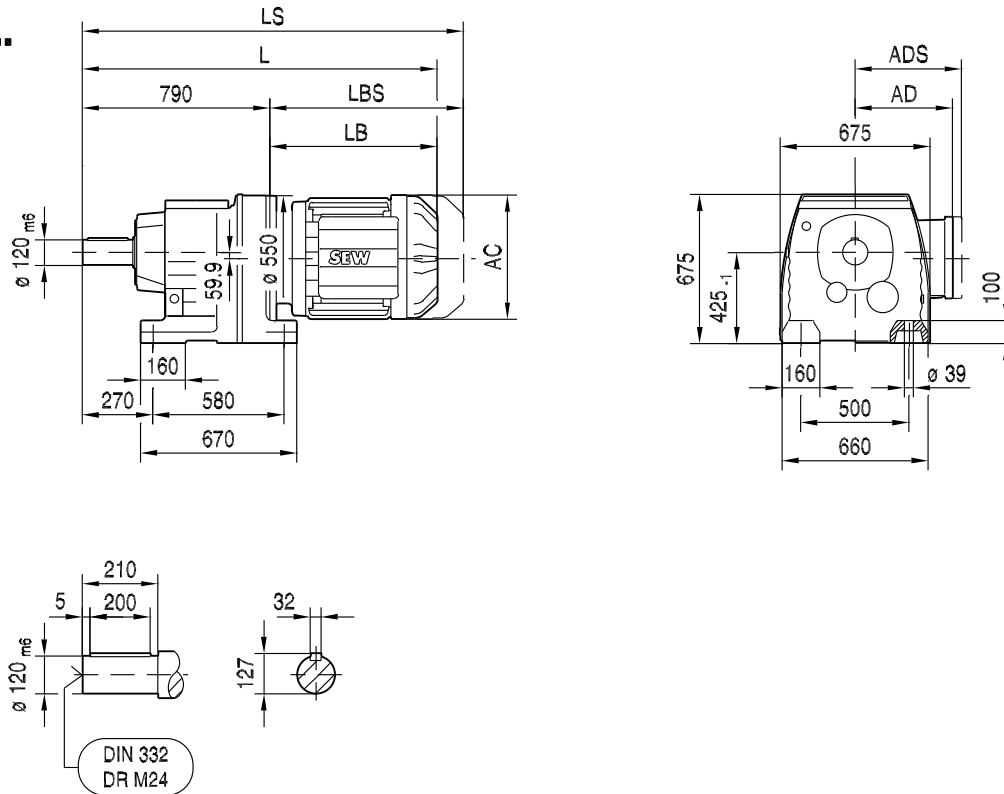
RM147..



(→ 136)	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250	DR280
AC	270	316	316	394	394	394	495	495
AD	228	253	253	283	283	283	394	394
ADS	228	253	253	283	283	283	394	394
L	1134	1203	1263	1336	1336	1386	1447	1447
LS	1271	1392	1452	1541	1541	1591	1687	1687
LB	439	508	568	641	641	691	752	752
LBS	576	697	757	846	846	896	992	992

01 129 01 06

R167..



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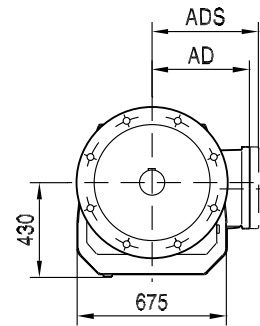
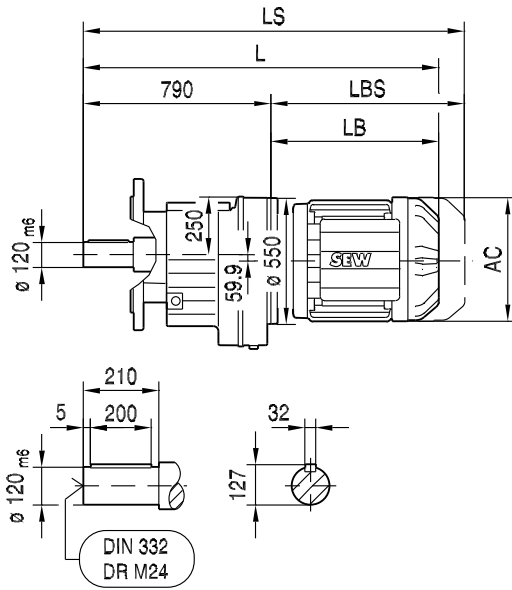
(→ 136)	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250	DR280	DR315K/S	DR315M/L
AC	270	316	316	394	394	394	495	495	624	624
AD	228	253	253	283	283	283	394	394	506	521
ADS	228	253	253	283	283	283	394	394	506	521
L	1221	1290	1350	1423	1423	1473	1534	1534	1731	1903
LS	1358	1479	1539	1628	1628	1678	1774	1774	1982	2155
LB	431	500	560	633	633	683	744	744	941	1113
LBS	568	689	749	838	838	888	984	984	1192	1365

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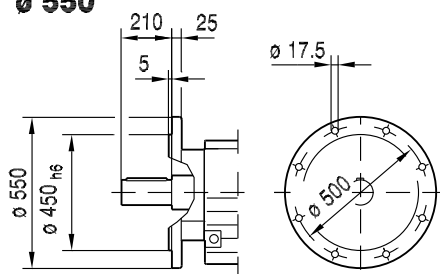
R..DRE/DRS
R..DR.. [mm]

01 130 01 06

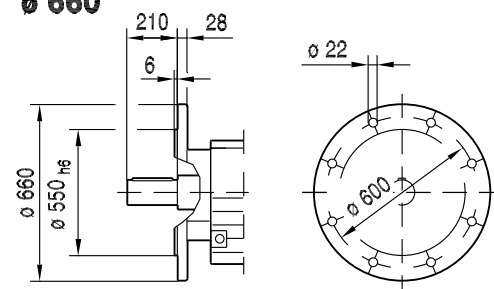
RF167..



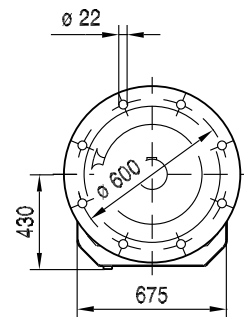
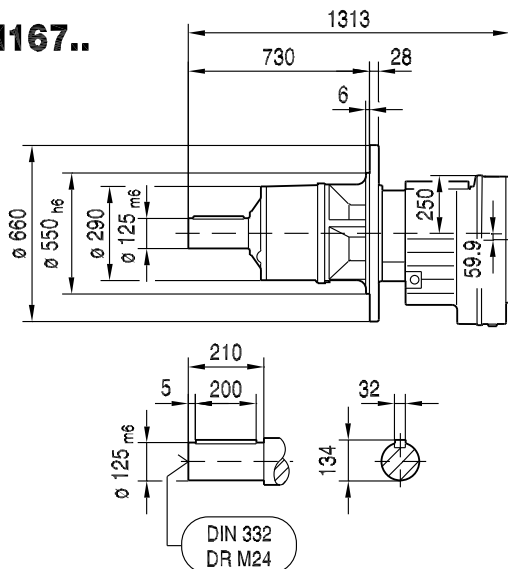
ø 550



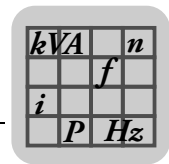
ø 660



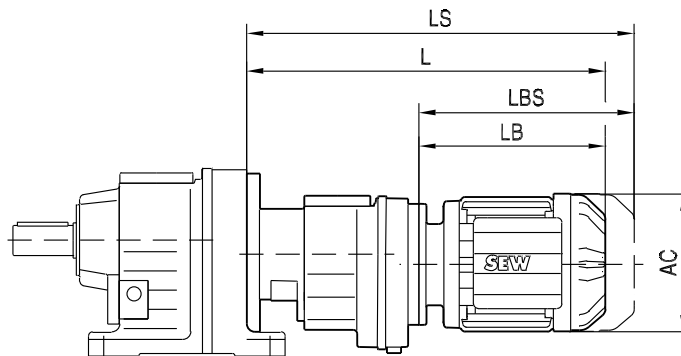
RM167..



(→ 136)	DR160..	DR180S/M	DR180L/LC	DR200	DR225S	DR225M/MC	DR250	DR280	DR315K/S	DR315M/L
AC	270	316	316	394	394	394	495	495	624	624
AD	228	253	253	283	283	283	394	394	506	521
ADS	228	253	253	283	283	283	394	394	506	521
L	1221	1290	1350	1423	1423	1473	1534	1534	1731	1903
LS	1358	1479	1539	1628	1628	1678	1774	1774	1982	2155
LB	431	500	560	633	633	683	744	744	941	1113
LBS	568	689	749	838	838	888	984	984	1192	1365



01 131 00 06



(→ 136)		AC	L	LS	LB	LBS
R..27R17	DR63..	132	324	379	149	204
R..37R17	DR63..	132	324	379	149	204
	DR71S..	139	335	403	160	228
R..47R37 R..57R37	DR63..	132	356	411	191	246
	DR71S..	139	367	435	202	270
R..67R37	DR71M	139	392	460	227	295
	DR63..	132	356	411	191	246
	DR71S..	139	367	435	202	270
	DR71M	139	392	460	227	295
R..77R37	DR80S..	156	401	482	236	317
	DR63..	132	348	403	191	246
	DR71S..	139	359	427	202	270
	DR71M..	139	384	452	227	295
	DR80S..	156	393	474	236	317
R..87R57	DR80M..	156	424	505	267	348
	DR63..	132	401	456	185	240
	DR71S..	139	412	479	196	263
	DR71M..	139	437	504	221	288
	DR80S..	156	446	527	230	311
	DR80M..	156	477	558	261	342
R..97R57	DR90M..	179	478	572	262	356
	DR63..	132	396	451	185	240
	DR71S..	139	407	474	196	263
	DR71M..	139	432	499	221	288
	DR80S..	156	441	522	230	311
	DR80M..	156	472	553	261	342
	DR90M..	179	473	567	262	356
	DR90L..	179	493	587	282	376
R..107R77	DR100M..	197	523	617	312	406
	DR63..	132	426	481	179	234
	DR71S..	139	437	504	190	257
	DR71M..	139	462	529	215	282
	DR80S..	156	470	551	223	304
	DR80M..	156	501	582	254	335
	DR90M..	179	501	595	254	348
	DR90L..	179	521	615	274	368
	DR100M..	197	551	645	304	398
	DR100LC..	197	581	675	334	428
R..137R77	DR63..	132	419	474	179	234
	DR71S..	139	430	497	190	257
	DR71M..	139	455	522	215	282
	DR80S..	156	463	544	223	304
	DR80M..	156	494	575	254	335
	DR90M..	179	494	588	254	348
	DR90L..	179	514	608	274	368

(→ 136)		AC	L	LS	LB	LBS
R..137R77	DR100M..	197	544	638	304	398
	DR100LC..	197	574	668	334	428
	DR132S..	221	619	731	379	491
	DR132M..	221	669	789	429	541
R..147R77	DR63..	132	411	466	179	234
	DR71S..	139	422	489	190	257
	DR71M..	139	447	514	215	282
	DR80S..	156	455	536	223	304
	DR80M..	156	486	567	254	335
	DR90M..	179	486	580	254	348
	DR90L..	179	506	600	274	368
	DR100M..	197	536	630	304	398
	DR100LC..	197	566	660	334	428
	DR132S..	221	611	723	379	491
R..147R87	DR90M..	179	530	624	250	344
	DR90L..	179	550	644	270	364
	DR100M..	197	580	674	300	394
	DR100LC..	197	610	704	330	424
	DR132S..	221	654	766	374	486
	DR132M/MC..	221	704	816	424	536
	DR160..	272	745	882	465	602
	DR71M..	139	529	596	204	271
R..167R97	DR80S..	156	538	619	213	294
	DR80M..	156	569	650	244	325
	DR90M..	179	569	663	244	338
	DR90L..	179	589	683	264	358
	DR100M..	197	619	713	294	388
	DR100LC..	197	649	743	324	418
	DR132S..	221	694	806	369	481
	DR132M/MC..	221	744	856	419	531
	DR160..	272	785	922	460	597
	R..167R107	DR90L..	179	649	734	258
DR100M..		197	670	764	288	382
DR100LC..		197	700	794	318	412
DR132S..		221	745	857	363	475
DR132M/MC..		221	795	907	413	525
DR160..		272	836	973	454	591
DR180M..		317	922	1121	540	739

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