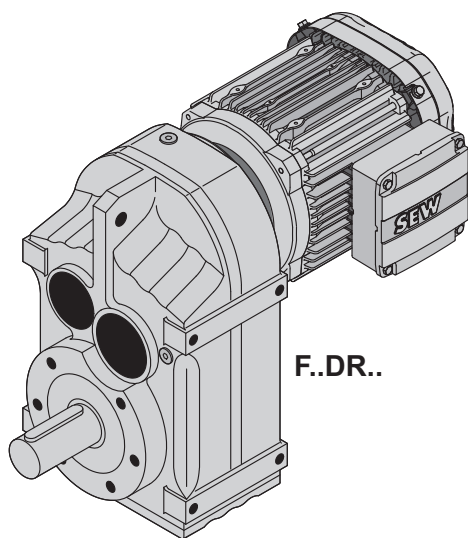
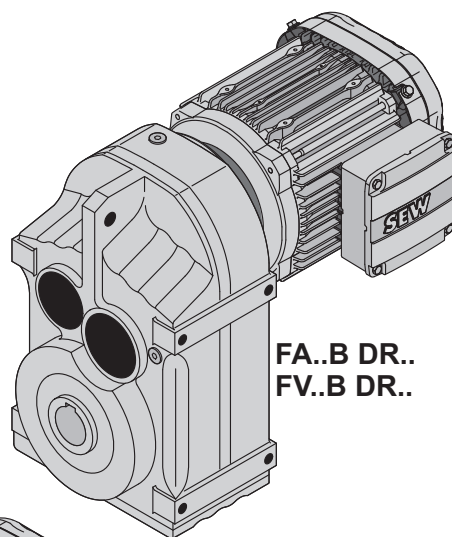


9 Parallel-shaft helical gearmotors

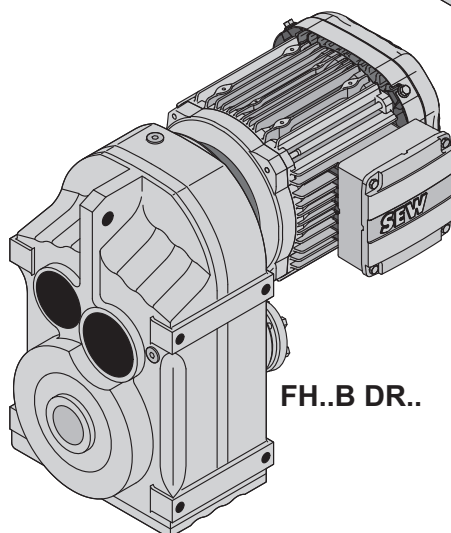
9.1 F..DRN.. designs



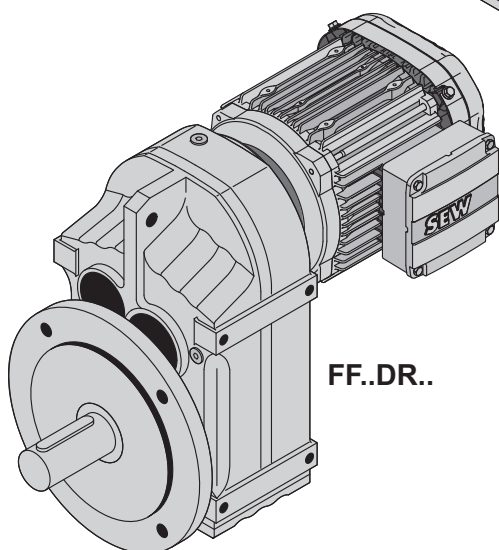
F..DR..



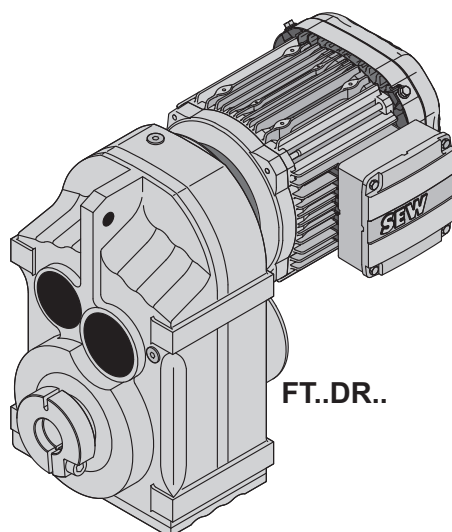
FA..B DR..
FV..B DR..



FH..B DR..

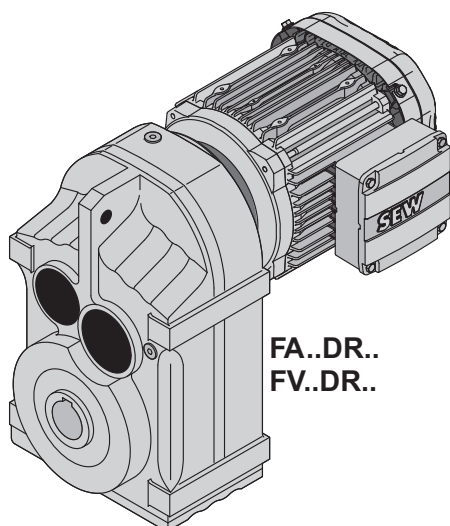


FF..DR..

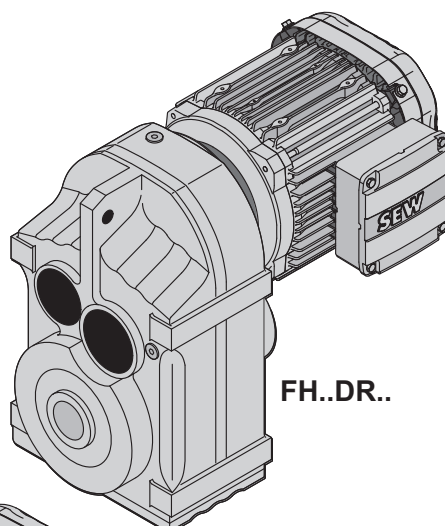


FT..DR..

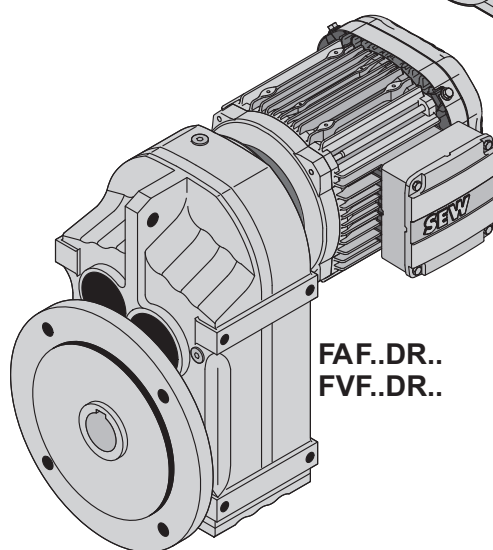
13467468043



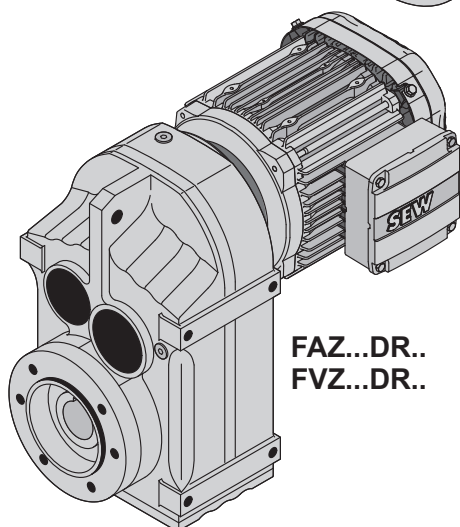
**FA..DR..
FV..DR..**



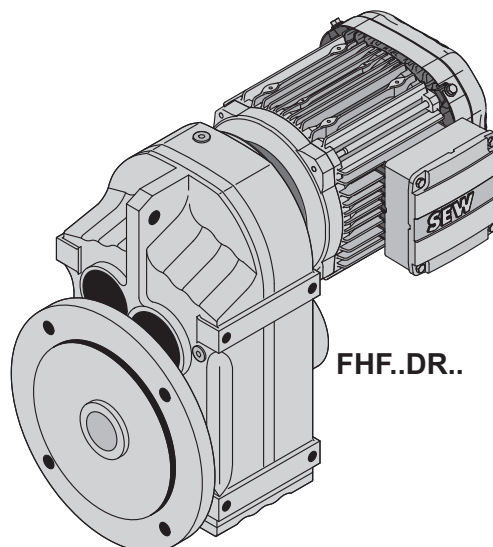
FH..DR..



**FAF..DR..
FVF..DR..**



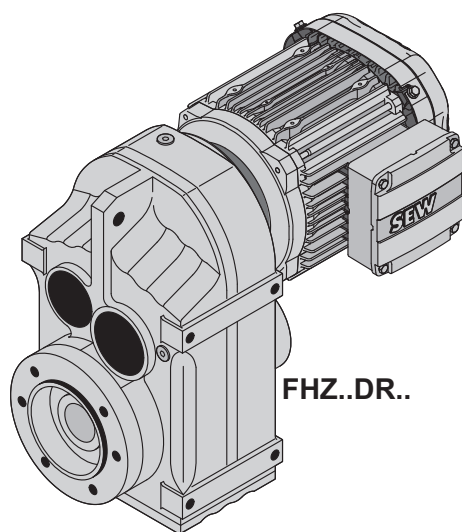
**FAZ...DR..
FVZ...DR..**



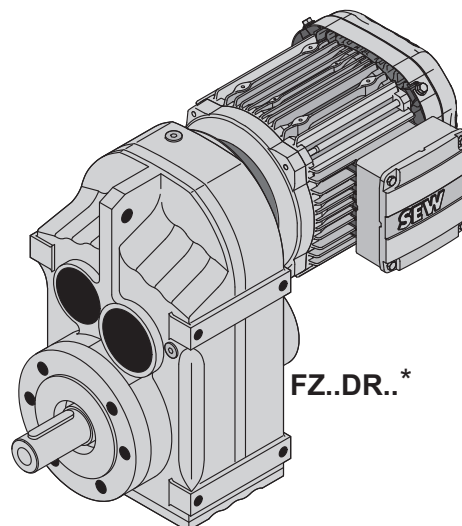
FHF..DR..

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21284997/EN – 03/2015



FHZ..DR..



FZ..DR.. *

13467679883

*) The gear unit design FZ.. is not considered in the gearmotor dimension sheets. Contact SEW-EURODRIVE if required.

9.2 Possible geometrical combinations of F..DRN..

F27, $n_e=1400$ 1/min					130 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\varphi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
 3								
9.9	130	4500	-	140.74				
11	130	4500	-	129.09				
13	130	4500	-	109.90				
15	130	4500	-	94.76				
16	130	4500	-	88.32				
18	130	4500	-	77.21				
19	130	4500	-	72.37				
22	130	4400	-	63.86				
25	130	4180	-	56.62				
28	130	3980	-	50.19				
30	130	3860	-	46.78				
34	130	3640	-	40.89				
37	130	3530	-	38.33				
41	130	3340	-	33.83				
 2								
47	130	3140	-	29.56				
52	130	3030	-	27.18				
60	130	2820	-	23.25				
69	130	2630	-	20.15				
74	130	2550	-	18.84				
86	130	2370	-	16.28				
101	130	2180	-	13.84				
113	130	2060	-	12.35				
133	130	1900	-	10.55				
142	130	1830	-	9.88				
149	130	1660	-	9.40				
172	123	1580	-	8.13				
203	114	1530	-	6.91				
227	109	1480	-	6.17				
266	100	1440	-	5.27				
284	96	1420	-	4.93				
337	87	1380	-	4.16				

F27R17, n _e =1400 1/min						130 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _{(R)} '	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
 3  3						
0.16	130	4500	-	8972		
0.18	130	4500	-	7736		
0.19	130	4500	-	7211		
0.22	130	4500	-	6303		
0.26	130	4500	-	5435		
0.29	130	4500	-	4855		

F27R17, n _e =1400 1/min					130 Nm	
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
0.33	130	4500	-	4243		
0.38	130	4500	-	3715		
0.43	130	4500	-	3247		
0.49	130	4500	-	2878		
0.56	130	4500	-	2515		
0.63	130	4500	-	2217		
 2  3						
0.74	130	4500	-	1898		
0.85	130	4500	-	1645		
0.92	130	4500	-	1525		
1.1	130	4500	-	1322		
1.2	130	4500	-	1146		
1.4	130	4500	-	1013		
1.6	130	4500	-	890		
1.8	130	4500	-	778		
2.1	130	4500	-	682		
2.3	130	4500	-	602		
2.7	130	4500	-	520		
 3  2						
0.72	130	4500	-	1948		
0.77	130	4500	-	1826		
0.87	130	4500	-	1610		
1.0	130	4500	-	1399		
1.1	130	4500	-	1230		
1.5	130	4500	-	948		
1.7	130	4500	-	829		
1.9	130	4500	-	731		
2.2	130	4500	-	633		
2.5	130	4500	-	551*		
2.9	130	4500	-	489		
3.3	130	4500	-	427		
3.7	130	4500	-	379		
4.3	130	4500	-	326		
4.9	130	4500	-	288		
5.6	130	4500	-	251		
6.3	130	4500	-	221		
8.1	130	4500	-	172		
9.2	130	4500	-	153		
11	130	4500	-	130		
 2  2						
3.1	130	4500	-	458		
3.5	130	4500	-	397		
4.1	130	4500	-	342		
4.6	130	4500	-	302		
5.3	130	4500	-	266		
5.9	130	4500	-	236		
6.6	130	4500	-	211		
7.5	130	4500	-	186		

21284997/EN – 03/2015

F27R17, $n_e=1400$ 1/min					130 Nm	
n_a rpm	M_{amax} Nm	F_{Ra} N	$\phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
9.9	130	4500	-	142		
11	130	4500	-	124		
13	130	4500	-	109		
15	130	4500	-	96		

F37, $n_e=1400$ 1/min					200 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
 3								
11	200	4290	6.8	128.51				
12	200	4290	6.8	117.88				
14	200	4290	6.8	100.36				
16	200	4290	6.8	86.53				
17	200	4290	6.8	80.65				
20	200	4290	6.9	70.50				
21	200	4290	6.9	66.09				
24	200	4290	6.9	58.32				
26	200	4290	7.5	54.54				
27	200	4290	6.9	51.70				
30	200	4290	7.6	47.02				
32	200	4290	7.6	43.83				
37	200	4290	7.7	38.31				
39	200	4290	7.7	35.91				
44	200	4290	7.7	31.69				
50	200	4060	7.8	28.09				
59	200	3760	7.8	23.88				
 2								
59	200	3740	6.1	23.63				
68	200	3500	6.2	20.57				
73	200	3390	6.2	19.27				
82	200	3180	6.4	17.03				
89	200	3070	6.4	15.81				
98	200	2910	6.5	14.33				
109	200	2750	6.6	12.87				
126	190	2620	6.7	11.08				
134	185	2580	6.8	10.42				
156	175	2460	6.9	8.97				
175	170	2360	7.4	8.01				
188	145	2350	9.9	7.44				
208	140	2270	10	6.74				
231	135	2190	10.2	6.05				
269	125	2120	10.5	5.21				
286	120	2100	10.6	4.90				
332	110	2030	10.9	4.22				
371	105	1970	11.9	3.77				

F37R17, n _e =1400 1/min					200 Nm	
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
 3  3						
0.17	200	4290	-	8193		
0.20	200	4290	-	7064		
0.21	200	4290	-	6585		
0.24	200	4290	-	5756		
0.28	200	4290	-	4963		
0.32	200	4290	-	4434		
0.36	200	4290	-	3875		
0.41	200	4290	-	3392		
0.47	200	4290	-	2965		
0.54	200	4290	-	2587		
0.61	200	4290	-	2284		
0.70	200	4290	-	1997		
0.80	200	4290	-	1742		
0.91	200	4290	-	1545		
 2  3						
0.73	200	4290	-	1929		
0.83	200	4290	-	1679		
0.90	200	4290	-	1550		
1.0	200	4290	-	1356		
1.2	200	4290	-	1180		
1.3	200	4290	-	1044		
1.5	200	4290	-	914		
1.7	200	4290	-	808		
2.0	200	4290	-	698		
2.3	200	4290	-	616		
2.6	200	4290	-	544		
3.0	200	4290	-	466		
3.4	200	4290	-	411		
3.8	200	4290	-	364		
 3  2						
1.0	200	4290	-	1370		
1.2	200	4290	-	1198		
1.3	200	4290	-	1047		
1.5	200	4290	-	915		
1.7	200	4290	-	807		
2.0	200	4290	-	707		
2.3	200	4290	-	617		
2.6	200	4290	-	538		
2.9	200	4290	-	477		
3.4	200	4290	-	412		
3.8	200	4290	-	365		
4.3	200	4290	-	322		
5.0	200	4290	-	278		
5.8	200	4290	-	242		
6.3	200	4290	-	221		
7.2	200	4290	-	195		
8.3	200	4290	-	168		

21284997/EN – 03/2015

F37R17, $n_e=1400$ 1/min					200 Nm	
n_a rpm	M_{amax} Nm	F_{Ra} N	$\varphi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
9.5	200	4290	-	147		
11	200	4290	-	127		
12	200	4290	-	121		
13	200	4290	-	108		
15	200	4290	-	91		
 2  2						
4.3	200	4290	-	326		
4.9	200	4290	-	285		
5.6	200	4290	-	250		
6.4	200	4290	-	219		
7.5	200	4290	-	186		
8.4	200	4290	-	167		
9.7	200	4290	-	145		
11	200	4290	-	129		
12	200	4290	-	118		
14	200	4290	-	98		
16	200	4290	-	87		

F47, $n_e=1400$ 1/min					400 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\varphi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
 3								
7.3	400	5920	6.1	190.76				
8.0	400	5920	6.2	175.38				
9.3	400	5920	6.2	150.06				
11	400	5920	6.2	130.07				
12	400	5920	6.2	121.57				
13	400	5920	6.2	105.09				
16	400	5920	6.2	89.29				
18	400	5920	6.2	79.72				
21	400	5920	6.3	68.09				
21	400	5920	6.7	65.36				
25	400	5920	6.8	56.49				
29	400	5920	6.8	48.00*				
33	400	5920	6.8	42.86				
38	400	5920	6.9	36.61				
41	400	5920	6.9	34.29				
48	400	5790	7	28.88				
 2								
45	400	5920	5.7	30.86				
48	400	5830	5.7	29.32				
54	400	5460	5.8	25.72				
64	400	5030	5.9	21.82				
71	400	4770	5.9	19.70				
81	400	4450	6	17.33				
86	400	4320	6	16.36				

F47, $n_e=1400$ 1/min					400 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
101	400	3950	6.1	13.93				
111	400	3740	6.4	12.66				
128	400	3440	6.5	10.97				
156	330	3250	8	8.96				
178	380	2630	8.1	7.88				
188	380	2530	8.2	7.44*				
221	350	2470	8.4	6.34				
243	340	2390	9	5.76				
281	320	2310	9.2	4.99				

F47R17, n _e =1400 1/min						400 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) '	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
 3  3						
0.11	400	5920	-	12251		
0.13	400	5920	-	10619		
0.14	400	5920	-	9846		
0.16	400	5920	-	8534		
0.19	400	5920	-	7460		
0.21	400	5920	-	6536		
0.24	400	5920	-	5746		
0.28	400	5920	-	5022		
0.32	400	5920	-	4401		
0.36	400	5920	-	3883		
0.41	400	5920	-	3443		
0.47	400	5920	-	2976		
0.53	400	5920	-	2629		
0.61	400	5920	-	2304		
0.69	400	5920	-	2033		
 2  3						
0.56	400	5920	-	2519		
0.58	400	5920	-	2394		
0.64	400	5920	-	2172		
0.69	400	5920	-	2025		
0.79	400	5920	-	1770		
0.89	400	5920	-	1576		
1.0	400	5920	-	1363		
1.2	400	5920	-	1192		
1.3	400	5920	-	1061		
1.5	400	5920	-	931		
1.7	400	5920	-	822		
2.0	400	5920	-	706		
2.3	400	5920	-	619		
 3  2						
0.78	400	5920	-	1785		
0.89	400	5920	-	1578		

F47R17, $n_e=1400$ 1/min					400 Nm	
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M
1.0	400	5920	-	1364		
1.2	400	5920	-	1203		
1.3	400	5920	-	1049		
1.5	400	5920	-	918		
1.7	400	5920	-	809		
2.0	400	5920	-	700		
2.3	400	5920	-	622		
2.6	400	5920	-	543		
2.9	400	5920	-	475		
3.3	400	5920	-	419		
3.8	400	5920	-	370		
4.3	400	5920	-	324		
4.9	400	5920	-	288		
5.6	400	5920	-	249		
6.4	400	5920	-	218		
7.3	400	5920	-	193		
8.0	400	5920	-	175		
9.5	400	5920	-	147		
11	400	5920	-	130		
 2  2						
2.7	400	5920	-	524		
2.9	400	5920	-	489		
3.3	400	5920	-	427		
3.7	400	5920	-	381		
4.2	400	5920	-	334		
4.7	400	5920	-	295		
5.5	400	5920	-	253		
6.5	400	5920	-	217		
7.4	400	5920	-	190		
7.9	400	5920	-	178		
9.4	400	5920	-	149		
11	400	5920	-	131		

F57, $n_e=1400$ 1/min					600 Nm					
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
 3										
7.0	600	9200	6	199.70						
7.6	600	9200	6.1	183.60						
8.9	600	9200	6.1	157.09						
10	600	9200	6.1	136.16						
11	600	9200	6.1	127.27						
13	600	9200	6.1	110.01						
15	600	9200	6.1	93.47						
17	600	9200	6.1	83.46						
19	600	9200	6.5	72.98						

F57, $n_e=1400$ 1/min										600 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
21	600	9200	6.5	68.22						
24	600	9200	6.5	58.97						
28	600	9200	6.6	50.10						
31	600	9160	6.6	44.73						
37	600	8510	6.6	38.21						
39	600	8250	6.6	35.79						
46	590	7650	6.7	30.15						
 2										
35	290	10500	5.7	40.13						
41	500	8670	5.7	34.24						
47	545	7890	5.6	29.94						
49	535	7760	5.7	28.45						
56	575	7060	5.8	24.96						
66	600	6350	5.8	21.17						
73	600	6020	5.9	19.11						
83	600	5620	5.9	16.81						
88	600	5450	6	15.88						
104	600	4980	6.1	13.52						
114	600	4710	6.3	12.29						
132	600	4320	6.4	10.64						
150	420	4760	7.6	9.31						
171	420	4450	7.8	8.19						
181	420	4310	7.8	7.73						
213	420	3940	8	6.58						
234	420	3730	8.6	5.98						
270	415	3460	8.8	5.18						

F57R37, $n_e=1400$ 1/min										600 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L		
 3  3										
0.09	600	9200	-	14832						
0.10	600	9200	-	13604						
0.11	600	9200	-	12602						
0.12	600	9200	-	11252						
0.14	600	9200	-	9986						
0.16	600	9200	-	8787						
0.18	600	9200	-	7908						
0.20	600	9200	-	6913						
0.23	600	9200	-	6030						
0.26	600	9200	-	5289						
0.30	600	9200	-	4654						
0.34	600	9200	-	4060						
0.39	600	9200	-	3564						
0.44	600	9200	-	3161						
0.51	600	9200	-	2737						

F57R37, n _e =1400 1/min					600 Nm			
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
0.58	600	9200	-	2409				
0.66	600	9200	-	2131				
0.76	600	9200	-	1840				
0.86	600	9200	-	1623				
0.97	600	9200	-	1439				
1.1	600	9200	-	1238				
 2  3								
0.49	600	9200	-	2854				
0.54	600	9200	-	2576				
0.62	600	9200	-	2266				
0.70	600	9200	-	2012				
0.78	600	9200	-	1791				
0.87	600	9200	-	1617				
0.98	600	9200	-	1422				
1.1	600	9200	-	1243				
1.3	600	9200	-	1066				
1.5	600	9200	-	949				
1.6	600	9200	-	856				
1.9	600	9200	-	749				
2.1	600	9200	-	658				
2.6	600	9200	-	549				
2.9	600	9200	-	483				
 3  2								
1.3	600	9200	-	1106				
1.4	600	9200	-	967				
1.6	600	9200	-	851				
1.9	600	9200	-	738				
2.2	600	9200	-	646				
2.5	600	9200	-	558				
2.8	600	9200	-	506				
3.1	600	9200	-	452				
3.6	600	9200	-	386				
4.1	600	9200	-	338				
5.5	600	9200	-	255				
7.0	600	9200	-	201				
7.7	600	9200	-	181				
9.0	600	9200	-	155				
 2  2								
3.3	600	9200	-	426				
3.7	600	9200	-	382				
4.2	600	9200	-	330				
4.7	600	9200	-	298				
5.3	600	9200	-	262				
6.2	600	9200	-	226				
7.0	600	9200	-	200				
8.2	600	9200	-	170				
9.2	600	9200	-	152				
10	600	9200	-	134				

F67, $n_e=1400$ 1/min										820 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
 3										
6.1	820	10300	5.7	228.99						
7.2	820	10300	5.8	195.39						
8.2	820	10300	5.7	170.85						
8.6	820	10300	5.7	162.31						
9.8	820	10300	5.8	142.40						
12	820	10300	5.8	120.79						
13	820	10300	5.8	109.04						
15	820	10300	5.8	95.94						
15	820	10300	5.8	90.59						
18	820	10300	6.3	79.76						
21	820	10300	6.3	67.65						
23	820	10300	6.3	61.07						
26	820	10300	6.3	53.73						
28	820	10300	6.3	50.74						
32	820	10300	6.3	43.20						
36	780	10700	6.4	39.26						
41	740	11000	6.5	34.01						
 2										
39	820	10300	5.3	36.30						
44	820	10300	5.4	32.08						
51	820	10300	5.4	27.41						
56	820	10300	5.4	25.13						
63	820	10300	5.5	22.05						
67	820	10300	5.5	20.90*						
77	820	10300	5.6	18.29						
85	820	10300	5.8	16.48						
97	820	10300	5.7	14.46						
110	820	10300	5.8	12.76						
124	820	10300	6	11.31						
145	820	10300	6.1	9.66						
154	530	11400	8	9.08						
163	570	10900	8.1	8.60						
186	610	10100	8.2	7.53						
206	620	9660	8.7	6.78						
235	610	9200	8.6	5.95						
267	590	8850	8.8	5.25						
300	560	8590	9.3	4.66						
353	500	8390	9.6	3.97						

F67R37, $n_e=1400$ 1/min										820 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L		
 3  3										
0.07	820	10300	-	19199						
0.08	820	10300	-	17610						

F67R37, $n_e=1400$ 1/min					820 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
0.09	820	10300	-	14992				
0.11	820	10300	-	12926				
0.12	820	10300	-	11480				
0.14	820	10300	-	10220				
0.16	820	10300	-	8933				
0.18	820	10300	-	7940				
0.20	820	10300	-	7096				
0.23	820	10300	-	6080				
0.26	820	10300	-	5341				
0.30	820	10300	-	4690				
0.34	820	10300	-	4091				
0.39	820	10300	-	3574				
0.45	820	10300	-	3133				
0.51	820	10300	-	2756				
0.57	820	10300	-	2439				
 2  3								
0.41	820	10300	-	3377				
0.48	820	10300	-	2912				
0.52	820	10300	-	2714				
0.59	820	10300	-	2372				
0.66	820	10300	-	2126				
0.75	820	10300	-	1859				
0.86	820	10300	-	1631				
0.97	820	10300	-	1437				
1.1	820	10300	-	1256				
1.2	820	10300	-	1126				
1.4	820	10300	-	984				
1.6	820	10300	-	864				
1.9	820	10300	-	722				
2.2	820	10300	-	634				
2.6	820	10300	-	539				
 3  2								
0.66	820	10300	-	2106				
0.74	820	10300	-	1884				
0.86	820	10300	-	1635				
0.98	820	10300	-	1429				
1.1	820	10300	-	1271				
1.3	820	10300	-	1102				
1.4	820	10300	-	970				
1.6	820	10300	-	858				
1.9	820	10300	-	755				
2.2	820	10300	-	641				
2.4	820	10300	-	572				
2.8	820	10300	-	509				
3.2	820	10300	-	437				
3.6	820	10300	-	384				
4.1	820	10300	-	338				
4.6	820	10300	-	305				
5.4	820	10300	-	257				

F67R37, n _e =1400 1/min					820 Nm			
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
6.1	820	10300	-	231				
6.8	820	10300	-	205				
8.0	820	10300	-	175				
 2  2								
2.8	820	10300	-	500				
3.1	820	10300	-	454				
3.6	820	10300	-	392				
4.2	820	10300	-	333				
4.7	820	10300	-	297				
5.4	820	10300	-	261				
5.9	820	10300	-	238				
7.0	820	10300	-	200				
8.0	820	10300	-	176				

F77, n _e =1400 1/min											1500 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
 3											
5.0	1500	15700	5.4	281.71							
5.3	1500	15700	5.4	262.93							
6.2	1500	15700	5.4	225.79							
7.1	1500	15700	5.4	198.31							
7.4	1500	15700	5.4	188.40							
8.4	1500	15700	5.5	166.47							
9.8	1500	15700	5.5	142.27							
11	1500	15700	5.5	130.42							
12	1500	15700	5.5	114.45							
13	1500	15700	5.5	108.46*							
15	1500	15700	5.5	94.93							
16	1500	15700	5.5	85.52							
19	1500	15700	5.5	75.02							
19	1500	15700	5.9	72.50							
21	1500	15700	5.9	66.46							
24	1500	15700	6	58.32							
25	1500	15700	6	55.27							
29	1500	15700	6	48.37							
32	1500	15700	6.1	43.58							
37	1500	15700	6	38.23							
41	1500	15700	6.1	33.74							
47	1500	15700	6.1	29.91							
55	1450	16100	6.2	25.54							
 2											
38	1110	17900	4.9	36.58							
44	1380	16500	4.9	31.51							
49	1430	16200	4.9	28.75							
55	1500	15700	4.9	25.50*							

F77, $n_e=1400$ 1/min											1500 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
65	1500	15700	5	21.43							
71	1500	15700	5.1	19.70							
80	1500	15700	5.2	17.49							
90	1500	15700	5.2	15.64*							
100	1500	15700	5.4	14.06							
115	1500	14900	5.4	12.20							
128	1500	14200	5.5	10.93							
151	1080	13800	7.1	9.30							
169	1080	13100	7.1	8.26							
189	1080	12500	7.2	7.39							
211	1080	12000	7.5	6.64							
243	1080	11300	7.7	5.76							
271	1080	10700	7.8	5.16							
327	1010	10200	8.1	4.28							

F77R37, n _e =1400 1/min						1500 Nm		
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
 3  3								
0.07	1500	15700	-	19180				
0.08	1500	15700	-	17593				
0.09	1500	15700	-	16128				
0.09	1500	15700	-	14978				
0.10	1500	15700	-	13731				
0.12	1500	15700	-	12049				
0.13	1500	15700	-	11035				
0.14	1500	15700	-	9683				
0.17	1500	15700	-	8464				
0.19	1500	15700	-	7520				
0.21	1500	15700	-	6580				
0.24	1500	15700	-	5808				
0.28	1500	15700	-	5026				
0.32	1500	15700	-	4435				
0.37	1500	15700	-	3832				
0.41	1500	15700	-	3381				
0.47	1500	15700	-	2978				
0.54	1500	15700	-	2613				
0.61	1500	15700	-	2284				
0.69	1500	15700	-	2029				
 2  3								
0.28	1110	17900	-	4931				
0.31	1110	17900	-	4523				
0.36	1110	17900	-	3851				
0.42	1110	17900	-	3320				
0.45	1110	17900	-	3095				
0.52	1110	17900	-	2705				

F77R37, $n_e=1400$ 1/min					1500 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L
0.55	1110	17900	-	2536				
0.63	1110	17900	-	2238				
0.69	1110	17900	-	2039				
0.80	1110	17900	-	1759				
0.85	1110	17900	-	1639				
0.98	1110	17900	-	1433				
1.0	1110	17900	-	1343				
1.2	1110	17900	-	1185				
1.3	1110	17900	-	1051				
1.6	1110	17900	-	893				
 3  2								
0.81	1500	15700	-	1728				
0.91	1500	15700	-	1544				
1.0	1500	15700	-	1354				
1.2	1500	15700	-	1200				
1.3	1500	15700	-	1053				
1.5	1500	15700	-	910				
1.7	1500	15700	-	810				
2.0	1500	15700	-	710				
2.3	1500	15700	-	615*				
2.6	1500	15700	-	538				
2.9	1500	15700	-	480				
3.4	1500	15700	-	413				
3.8	1500	15700	-	367				
4.3	1500	15700	-	323				
5.0	1500	15700	-	280				
5.7	1500	15700	-	247				
6.3	1500	15700	-	221				
7.0	1500	15700	-	199				
 2  2								
1.7	1110	17900	-	815				
2.0	1110	17900	-	706				
2.1	1110	17900	-	660				
2.5	1110	17900	-	571				
2.9	1110	17900	-	485				
3.2	1110	17900	-	433				
3.8	1110	17900	-	370				
4.0	1110	17900	-	346				
4.8	1110	17900	-	292				

F87, $n_e=1400$ 1/min					3000 Nm								
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L
 3													
5.2	3000	19800	7	270.68									
5.5	3000	19800	7	255.37									
6.1	3000	19800	7	228.93									

F87, $n_e=1400$ 1/min										3000 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L
7.1	3000	19800	7	197.20									
7.8	3000	19800	7	179.97									
8.8	3000	19800	7	159.61									
10	3000	19800	7	134.16									
11	3000	19800	7	123.29									
13	3000	19800	7.1	109.49									
14	3000	19800	7.1	97.89									
16	3000	19800	7.1	88.01									
18	3000	19800	7.1	76.39									
20	3000	19600	7.1	68.40									
25	3000	17700	7.1	56.75									
28	2940	16800	7.5	50.36									
31	2820	16200	7.5	45.28									
36	2720	15400	7.5	39.30									
40	2610	14900	7.6	35.19									
48	2510	13800	7.6	29.20									
 2													
41	2610	14600	6.6	33.92									
49	2450	13900	6.6	28.78									
53	3000	11100	6.8	26.50									
59	3000	10300	6.8	23.68									
66	3000	9520	6.8	21.32*									
73	3000	8840	6.9	19.31									
82	3000	8040	6.9	17.12									
90	3000	7390	7	15.48									
107	3000	6370	7	13.12*									
122	3000	5580	7.1	11.46									
146	2880	5050	7.2	9.58									
169	1530	8890	6.7	8.29									
190	1530	8280	6.8	7.35									
211	1530	7790	6.8	6.65									
249	1530	7020	7	5.63									
285	1530	6430	7.1	4.92									
340	1460	5980	7.4	4.12									

F87R57, n _e =1400 1/min										3000 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
 3  3										
0.06	3000	19800	-	23042						
0.07	3000	19800	-	20462						
0.08	3000	19800	-	18238						
0.09	3000	19800	-	15877						
0.10	3000	19800	-	14099						
0.11	3000	19800	-	12205						
0.13	3000	19800	-	10433						
0.15	3000	19800	-	9381						
0.17	3000	19800	-	8142						

F87R57, n _e =1400 1/min										3000 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
0.20	3000	19800	-	7100						
0.22	3000	19800	-	6273						
0.25	3000	19800	-	5510						
0.28	3000	19800	-	4954						
0.33	3000	19800	-	4245						
0.38	3000	19800	-	3721						
 2  3										
0.28	3000	19800	-	4952						
0.31	3000	19800	-	4562						
0.36	3000	19800	-	3919						
0.40	3000	19800	-	3503						
0.44	3000	19800	-	3196						
0.49	3000	19800	-	2857						
0.55	3000	19800	-	2524						
0.66	3000	19800	-	2134						
0.73	3000	19800	-	1913*						
0.82	3000	19800	-	1717						
0.95	3000	19800	-	1476						
1.1	3000	19800	-	1278						
1.2	3000	19800	-	1142						
1.4	3000	19800	-	988						
1.6	3000	19800	-	883						
1.9	3000	19800	-	748						
 3  2										
0.43	3000	19800	-	3244						
0.49	3000	19800	-	2881						
0.54	3000	19800	-	2576						
0.64	3000	19800	-	2199						
0.73	3000	19800	-	1930						
0.82	3000	19800	-	1709						
0.94	3000	19800	-	1493						
1.1	3000	19800	-	1300						
1.2	3000	19800	-	1148						
1.4	3000	19800	-	1010						
1.6	3000	19800	-	887						
1.8	3000	19800	-	780						
2.1	3000	19800	-	674						
2.3	3000	19800	-	609						
2.7	3000	19800	-	515						
3.1	3000	19800	-	452						
4.1	3000	19800	-	345						
4.7	3000	19800	-	300						
5.6	3000	19800	-	249						
 2  2										
2.1	3000	19800	-	662						
2.4	3000	19800	-	592						
2.7	3000	19800	-	519						
3.0	3000	19800	-	468						

21284997/EN – 03/2015

F87R57, $n_e=1400$ 1/min										3000 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
3.5	3000	19800	-	398						
4.0	3000	19800	-	350						
4.4	3000	19800	-	315*						
5.0	3000	19800	-	281						
5.8	3000	19800	-	240						
6.6	3000	19800	-	211						
7.3	3000	19800	-	193						

F97, n _e =1400 1/min					4300 Nm							
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S
🔧 3												
5.1	4300	29900	6	276.77								
5.5	4300	29900	6	253.41								
6.3	4300	29900	6	223.88								
7.4	4300	29900	6	189.92								
8.0	4300	29900	6	174.87								
9.0	4300	29900	6	156.30								
9.9	4300	29900	6	140.71								
11	4300	29900	6	127.42								
12	4300	29900	6	112.99								
14	4300	29900	6	102.16								
14	4300	29900	6.2	97.58								
16	4300	29900	6.3	89.85								
16	4300	29900	6	86.59								
17	4300	29900	6.3	80.31								
19	4300	29900	6	75.63								
19	4300	29900	6.3	72.29								
21	4300	29000	6.3	65.47								
24	4300	27200	6.3	58.06								
27	4300	25800	6.3	52.49								
31	4300	23600	6.4	44.49								
36	4300	21900	6.4	38.86								
43	4300	19800	6.4	32.50								
🔧 2												
32	3070	27600	5.6	43.28								
38	3070	25500	5.6	36.64								
41	4300	20300	5.7	33.91								
46	4300	19000	5.8	30.39								
51	4300	17900	5.8	27.44*								
56	4300	16800	5.8	24.92								
63	4300	15600	5.9	22.11								
70	4300	14600	5.8	20.07								
81	4300	13200	5.9	17.25*								
93	4300	11900	5.9	15.06								
110	4300	10500	6	12.77								
125	4100	10000	6	11.16								
155	2360	13400	8.6	9.06								

F97, n _e =1400 1/min						4300 Nm						
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S
170	2360	12600	8.5	8.22								
198	2360	11500	8.6	7.07								
227	2250	11100	8.7	6.17								
268	2150	10400	8.8	5.23								
306	2050	9950	9	4.57								
362	1800	9960	9	3.87								

F97R57, n _e =1400 1/min						4300 Nm				
n _a rpm	M _{amax} Nm	F _{Ra} N	φ _(/R) '	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
 3  3										
0.05	4300	29900	-	29211						
0.05	4300	29900	-	26911						
0.06	4300	29900	-	23814						
0.07	4300	29900	-	20813						
0.08	4300	29900	-	18119*						
0.09	4300	29900	-	15472						
0.10	4300	29900	-	14022						
0.11	4300	29900	-	12324						
0.13	4300	29900	-	10838						
0.15	4300	29900	-	9576						
0.17	4300	29900	-	8318						
0.19	4300	29900	-	7328						
0.22	4300	29900	-	6469						
0.25	4300	29900	-	5615						
0.28	4300	29900	-	4961*						
0.32	4300	29900	-	4333*						
 2  3										
0.22	4300	29900	-	6338						
0.25	4300	29900	-	5680						
0.28	4300	29900	-	5016						
0.32	4300	29900	-	4367						
0.36	4300	29900	-	3914						
0.42	4300	29900	-	3357						
0.47	4300	29900	-	3009						
0.57	4300	29900	-	2448						
0.64	4300	29900	-	2199						
0.71	4300	29900	-	1971						
0.80	4300	29900	-	1741*						
0.95	4300	29900	-	1468						
1.1	4300	29900	-	1316						
1.2	4300	29900	-	1189*						
1.4	4300	29900	-	1023						
 3  2										
0.36	4300	29900	-	3906						
0.42	4300	29900	-	3352						
0.48	4300	29900	-	2907						

F97R57, $n_e=1400$ 1/min										4300 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M
0.55	4300	29900	-	2553						
0.62	4300	29900	-	2245						
0.71	4300	29900	-	1970						
0.81	4300	29900	-	1722						
0.92	4300	29900	-	1527						
1.1	4300	29900	-	1327						
1.2	4300	29900	-	1171*						
1.4	4300	29900	-	1022						
1.6	4300	29900	-	898						
1.8	4300	29900	-	784						
2.0	4300	29900	-	690						
2.3	4300	29900	-	605						
2.6	4300	29900	-	529						
3.0	4300	29900	-	467						
3.4	4300	29900	-	406						
3.9	4300	29900	-	363						
4.9	4300	29900	-	285						
5.7	4300	29900	-	245						
6.7	4300	29900	-	208						
7.2	4300	29900	-	195						
 2 										
1.6	4300	29900	-	892						
1.8	4300	29900	-	760						
2.1	4300	29900	-	667						
2.5	4300	29900	-	569						
2.7	4300	29900	-	510						
3.0	4300	29900	-	473*						
3.5	4300	29900	-	403						
3.9	4300	29900	-	361						
4.4	4300	29900	-	317						
5.1	4300	29900	-	275						
5.8	4300	29900	-	242						

F107, n _e =1400 1/min										7840 Nm	
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S DRN225M	DRN250M
 3											
5.5	7680	49800	5.4	254.40*							
6.5	7680	49800	5.4	215.37							
7.0	7680	49800	5.4	199.31							
7.8	7680	49800	5.4	178.64							
8.7	7680	49800	5.4	161.28*							
9.6	7680	49800	5.4	146.49							
11	7680	49800	5.4	129.97							
12	7680	49800	5.4	117.94							
14	7680	49800	5.4	101.38*							
15	7680	49800	5.6	92.47*							
16	7680	49800	5.4	88.49							

F107, $n_e=1400$ 1/min											7840 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S DRN225M	DRN250M
17	7680	49800	5.7	83.99							
19	7680	49800	5.7	74.52							
21	7680	49800	5.7	67.62							
24	7680	47800	5.7	58.12*							
28	7680	45100	5.7	50.73							
33	7680	42000	5.7	43.03							
37	7680	39500	5.7	37.61							
44	7680	36500	5.8	31.80							
 2											
41	7400	38300	5.1	33.79*							
51	7840	33300	5.2	27.57							
56	7840	31500	5.2	25.14							
64	7840	28800	5.2	21.76*							
73	7840	26500	5.2	19.20*							
84	7840	23900	5.3	16.58							
95	7680	22400	5.3	14.67							
114	7000	22600	5.4	12.33							
141	6500	21500	5.4	9.96							
144	4910	23500	6.7	9.69							
167	4800	22000	6.7	8.37							
189	4600	21300	6.8	7.40							
225	4600	19000	7	6.22							
278	4600	16400	7	5.03							

F107R77, $n_e=1400$ 1/min											7840 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
 3  3											
0.06	7680	49800	-	25375*							
0.06	7680	49800	-	21652							
0.07	7680	49800	-	18933							
0.08	7680	49800	-	16888							
0.09	7680	49800	-	14767							
0.12	7680	49800	-	11348*							
0.14	7680	49800	-	10039							
0.16	7680	49800	-	8548							
0.18	7680	49800	-	7674							
0.21	7680	49800	-	6767							
0.24	7680	49800	-	5954							
0.27	7680	49800	-	5223							
0.31	7680	49800	-	4567							
0.35	7680	49800	-	3948							
0.40	7680	49800	-	3521							
 2  3											
0.26	7840	49400	-	5383*							
0.30	7840	49400	-	4593							
0.35	7840	49400	-	4016							

F107R77, $n_e=1400$ 1/min											7840 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
0.37	7840	49400	-	3815							
0.42	7840	49400	-	3347							
0.49	7840	49400	-	2839							
0.55	7840	49400	-	2563*							
0.62	7840	49400	-	2255							
0.66	7840	49400	-	2129							
0.77	7840	49400	-	1813							
0.88	7840	49400	-	1590							
0.97	7840	49400	-	1436							
1.1	7840	49400	-	1263							
1.2	7840	49400	-	1193							
1.4	7840	49400	-	1015							
1.5	7840	49400	-	923							
1.8	7840	49400	-	800							
2.0	7840	49400	-	696							
 3  2											
0.46	7680	49800	-	3037							
0.51	7680	49800	-	2756							
0.59	7680	49800	-	2369							
0.68	7680	49800	-	2068							
0.77	7680	49800	-	1826							
0.88	7680	49800	-	1597							
1.00	7680	49800	-	1401							
1.1	7680	49800	-	1243							
1.3	7680	49800	-	1087							
1.5	7680	49800	-	950							
1.7	7680	49800	-	834							
1.9	7680	49800	-	736							
2.2	7680	49800	-	640							
2.5	7680	49800	-	560							
2.9	7680	49800	-	489							
3.2	7680	49800	-	436							
3.8	7680	49800	-	370							
4.2	7680	49800	-	333							
4.8	7680	49800	-	291							
5.5	7680	49800	-	255							
6.2	7680	49800	-	225*							
7.4	7680	49800	-	190							
 2  2											
2.2	7840	49400	-	644							
2.4	7840	49400	-	591							
2.7	7840	49400	-	518*							
2.9	7840	49400	-	491							
3.3	7840	49400	-	430							
3.6	7840	49400	-	387							
4.1	7840	49400	-	340							
4.7	7840	49400	-	300							
5.3	7840	49400	-	266							

F127, $n_e=1400$ 1/min					12000 Nm				
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S DRN225M	DRN250M DRN280S DRN280M
 3									
8.2	12000	90000	4.9	170.83					
9.1	12000	90000	4.9	153.67*					
11	12000	90000	4.9	125.37					
12	12000	88000	4.9	114.34					
14	12000	83000	4.9	98.95					
16	12000	79000	4.9	87.31*					
19	12000	74300	4.9	75.41*					
20	12000	72100	5.2	70.07					
22	12000	69400	5.2	63.91					
25	12000	65200	5.2	55.31					
29	12000	61300	5.2	48.80					
33	12000	56800	5.2	42.15					
38	12000	53200	5.2	37.28					
45	12000	48300	5.3	31.33					
55	12000	42400	5.3	25.30					
 2									
52	8500	55300	4.6	26.86					
57	8500	53300	4.6	24.57					
65	12000	38000	4.7	21.38					
74	11000	38800	4.7	18.87					
86	11000	35400	4.7	16.36					
96	11000	32600	4.7	14.55					
112	10000	33300	4.8	12.54					
137	9500	30900	4.9	10.19					
158	7000	36400	6.3	8.86					
178	6000	37000	6.4	7.88					
206	7000	32200	6.5	6.80					
254	6000	31700	6.7	5.52					
299	6000	29500	6.8	4.68					

F127R77, $n_e=1400$ 1/min					12000 Nm						
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
 3  3											
0.06	12000	90000	-	24478*							
0.06	12000	90000	-	22323							
0.07	12000	90000	-	19048							
0.08	12000	90000	-	16656							
0.10	12000	90000	-	14722*							
0.11	12000	90000	-	12912							
0.12	12000	90000	-	11656*							
0.14	12000	90000	-	10191							
0.16	12000	90000	-	8831							
0.18	12000	90000	-	7643							
0.21	12000	90000	-	6715							
0.24	12000	90000	-	5925							

F127R77, $n_e=1400$ 1/min											12000 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DR63S DR63M DR63L DRS71S DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L
0.27	12000	90000	-	5153							
0.31	12000	90000	-	4533							
0.36	12000	90000	-	3926							
0.41	12000	90000	-	3454							
0.46	12000	90000	-	3031							
 3  2											
0.52	12000	90000	-	2672							
0.59	12000	90000	-	2357*							
0.69	12000	90000	-	2038							
0.78	12000	90000	-	1784							
0.87	12000	90000	-	1606							
1.0	12000	90000	-	1390							
1.1	12000	90000	-	1220							
1.3	12000	90000	-	1077							
1.5	12000	90000	-	930							
1.7	12000	90000	-	820							
1.9	12000	90000	-	727							
2.2	12000	90000	-	648							
2.6	12000	90000	-	549							
2.8	12000	90000	-	495							
3.3	12000	90000	-	428							
3.7	12000	90000	-	376							

F127R87, n _e =1400 1/min											12000 Nm	
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) '	i	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L
 3 												
2.9	12000	90000	-	483								
3.3	12000	90000	-	418								
3.7	12000	90000	-	374								
4.5	12000	90000	-	312								
4.8	12000	90000	-	293								
5.4	12000	90000	-	259								
6.3	12000	90000	-	223								
7.1	12000	90000	-	198								
8.4	12000	90000	-	166								

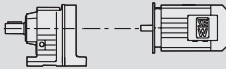
F157, n _e =1400 1/min										18000 Nm
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(R) °	i	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S DRN225M	DRN250M DRN280S DRN280M	DRN315S DRN315M	DRN315L DRN315H
 3										
5.2	18000	100300	4.5	267.43						
6.4	18000	100300	4.5	217.62*						
7.9	18000	100300	4.5	178.20*						
8.6	18000	100300	4.5	162.96						
9.9	18000	100300	4.5	141.80*						
11	18000	100300	4.5	125.14						

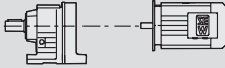
F157, $n_e=1400$ 1/min										18000 Nm
n_a rpm	M_{amax} Nm	F_{Ra} N	$\Phi_{(R)}$ °	i	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S DRN225M	DRN250M DRN280S DRN280M	DRN315S DRN315M	DRN315L DRN315H
13	18000	100300	4.5	108.49						
15	18000	100300	4.5	96.53*						
16	18000	95800	4.8	85.80*						
18	18000	92300	4.8	78.46						
21	18000	87000	4.8	68.28*						
23	18000	82500	4.8	60.25						
27	18000	77500	4.8	52.24						
30	18000	73600	4.8	46.48*						
35	18000	68900	4.9	40.06						
43	18000	62500	4.9	32.55						
51	18000	57800	4.9	27.60						
 2										
26	8000	98300	4.3	53.55						
32	10000	87800	4.3	43.94*						
39	11000	79300	4.4	35.75*						
49	17000	60800	4.4	28.60*						
55	15000	61500	4.4	25.43						
63	18000	51800	4.4	22.16						
71	17000	50900	4.4	19.77						
83	18000	44900	4.5	16.85						
100	17000	42500	4.6	13.96						
117	16000	40900	4.6	11.92						

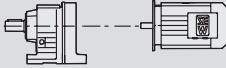
F157R97, n _e =1400 1/min											18000 Nm		
n _a rpm	M _{amax} Nm	F _{Ra} N	Φ _(/R) °	i	DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S
 3  3													
0.04	18000	100300	-	31434									
0.05	18000	100300	-	26173									
0.06	18000	100300	-	23464									
0.07	18000	100300	-	20212									
0.08	18000	100300	-	17984*									
0.09	18000	100300	-	16358									
0.10	18000	100300	-	13751									
0.11	18000	100300	-	12235									
0.14	18000	100300	-	10033									
0.16	18000	100300	-	9021									
0.17	18000	100300	-	8026									
0.20	18000	100300	-	7075									
0.22	18000	100300	-	6295									
0.26	18000	100300	-	5404									
0.29	18000	100300	-	4831									
0.34	18000	100300	-	4130*									
0.39	18000	100300	-	3607									
0.44	18000	100300	-	3210									
0.50	18000	100300	-	2780									
0.97	18000	100300	-	1441									

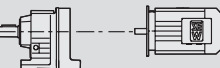
F157R97, $n_e=1400$ 1/min										18000 Nm			
n_a rpm	M_{amax} Nm	F_{Ra} N	$\varphi_{(R)}$ °	i	DRS71M	DRN80M DRN90S	DRN90L	DRN100LS DRN100L	DRN112M	DRN132S DRN132M	DRN132L DRN160M DRN160L	DRN180M DRN180L	DRN200L DRN225S
 3 													
0.58	18000	100300	-	2427									
0.64	18000	100300	-	2185									
0.72	18000	100300	-	1944*									
0.84	18000	100300	-	1674									
1.1	18000	100300	-	1308									
1.2	18000	100300	-	1169									
1.5	18000	100300	-	953									
1.7	18000	100300	-	845									
1.8	18000	100300	-	764									
2.1	18000	100300	-	680									
2.4	18000	100300	-	576									
2.8	18000	100300	-	503									
3.1	18000	100300	-	446									
4.0	18000	100300	-	353									
4.6	18000	100300	-	302									
5.1	18000	100300	-	273									
6.0	18000	100300	-	232									
6.9	18000	100300	-	202									
7.1	18000	100300	-	197									

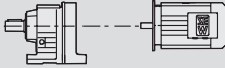
9.3 F..DRN.. selection tables in kW

P _m = 0.12 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.06	13900	22323	86700	0.85	FA FAF F FF	127R77	DR	63S4	425	432
0.07	11800	19048	90000	1.00						
0.08	10300	16656	90000	1.15						
0.09	9180	14722	90000	1.30						
0.11	7990	12912	90000	1.50						
0.12	7040	11656	90000	1.70						
0.14	6310	10191	90000	1.90						
0.09	9200	14767	45500	0.85	FA FAF F FF	107R77	DR	63S4	275	432
0.12	7070	11348	51400	1.10						
0.14	5740	10039	54600	1.35						
0.16	4670	8548	57000	1.65						
0.18	4750	7674	56800	1.60						
0.20	4090	6767	58200	1.90						
0.23	3460	5954	59500	2.2						
0.26	2990	5223	60400	2.6						
0.30	2840	4567	60700	2.7						
0.39	2120	3521	62000	3.6						
0.21	4140	6469	30400	1.05	FA	97R57	DR	63S4	185	432
0.25	3820	5615	31300	1.15	FAF	97R57	DR	63S4	205	432
0.28	3320	4961	32500	1.30	F	97R57	DR	63S4	190	432
0.32	2900	4333	33500	1.50	FF	97R57	DR	63S4	225	432
0.35	2690	3906	34000	1.60	FA	97R57	DR	63S4	180	432
0.41	2320	3352	34800	1.85	FAF	97R57	DR	63S4	205	432
0.47	1910	2907	35500	2.2	F	97R57	DR	63S4	190	432
0.54	1750	2553	35800	2.4	FF	97R57	DR	63S4	225	432
0.33	2760	4245	23800	1.10	FA	87R57	DR	63S4	120	432
0.37	2210	3721	25800	1.35	FAF	87R57	DR	63S4	130	432
					F	87R57	DR	63S4	125	432
					FF	87R57	DR	63S4	140	432
0.43	2240	3244	25700	1.35	FA FAF F FF	87R57	DR	63S4	115	432
0.48	1990	2881	26500	1.50						
0.54	1780	2576	27100	1.70						
0.63	1510	2199	27800	2.00						
0.72	1300	1930	28300	2.3						
0.81	1170	1709	28600	2.6						
0.92	1030	1493	28900	2.9						
1.1	820	1300	29300	3.7						
1.2	745	1148	29500	4.0						
0.53	1820	2613	13000	0.80	FA	77R37	DR	63S4	65	432
0.60	1570	2284	15200	0.95	FAF	77R37	DR	63S4	72	432
0.68	1380	2029	16400	1.10	F	77R37	DR	63S4	69	432
					FF	77R37	DR	63S4	80	432
0.80	1180	1728	17500	1.25	FA FAF F FF	77R37	DR	63S4	65	432
0.89	1090	1544	17900	1.40						
1.0	950	1354	18500	1.55						
1.2	840	1200	18800	1.75						
1.3	740	1053	19100	2.0						
1.5	630	910	19400	2.4						
1.7	525	810	19600	2.8						
1.9	460	710	19800	3.2						
0.97	960	1429	7070	0.85	FA FAF F FF	67R37	DR	63S4	43	432
1.1	860	1271	9840	0.95						
1.2	725	1102	11100	1.15						
1.4	635	970	11700	1.30						
1.6	560	858	12100	1.45						
1.8	490	755	12400	1.65						
2.2	415	641	12700	1.95						
2.4	390	572	12800	2.1						
2.7	330	509	13000	2.5						
3.2	285	437	13000	2.8						

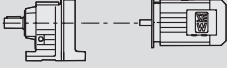
P _m = 0.12 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.6	610	851	9100	1.00						
1.9	520	738	9750	1.15	FA	57R37	DR	63S4	39	432
2.1	455	646	10200	1.30	FAF	57R37	DR	63S4	45	432
2.5	385	558	10600	1.55	F	57R37	DR	63S4	39	432
2.7	345	506	10900	1.75	FF	57R37	DR	63S4	46	432
3.0	295	452	11100	2.0						
3.2	310	426	11100	1.95	FA	57R37	DR	63S4	38	432
3.6	270	382	11300	2.2	FAF	57R37	DR	63S4	44	432
4.2	230	330	11500	2.6	F	57R37	DR	63S4	39	432
4.6	210	298	11500	2.8	FF	57R37	DR	63S4	45	432
5.3	185	262	11500	3.2						
2.5	385	543	6100	1.05	FA	47R17	DR	63S4	24	432
2.9	330	475	6740	1.20	FAF	47R17	DR	63S4	26	432
3.3	290	419	7150	1.40	F	47R17	DR	63S4	25	432
					FF	47R17	DR	63S4	28	432
2.6	380	524	6190	1.05						
2.8	350	489	6530	1.15	FA	47R17	DR	63S4	23	432
3.2	300	427	7020	1.30	FAF	47R17	DR	63S4	26	432
3.6	265	381	7310	1.50	F	47R17	DR	63S4	24	432
4.1	235	334	7550	1.70	FF	47R17	DR	63S4	27	432
4.7	205	295	7740	1.95						
5.4	172	253	7910	2.3						
4.3	215	322	3990	0.90	FA	37R17	DR	63S4	19	432
5.0	192	278	4400	1.05	FAF	37R17	DR	63S4	20	432
5.7	162	242	4750	1.25	F	37R17	DR	63S4	19	432
6.2	156	221	4820	1.30	FF	37R17	DR	63S4	21	432
4.2	235	326	3710	0.85						
4.8	200	285	4250	1.00	FA	37R17	DR	63S4	19	432
5.5	177	250	4590	1.15	FAF	37R17	DR	63S4	20	432
6.3	156	219	4820	1.30	F	37R17	DR	63S4	19	432
7.4	132	186	5040	1.50	FF	37R17	DR	63S4	21	432
8.3	118	167	5140	1.70						
6.2	155	221	4500	0.85	FA	27R17	DR	63S4	13	432
8.0	119	172	4500	1.10	FAF	27R17	DR	63S4	14	432
9.0	104	153	4500	1.25	F	27R17	DR	63S4	13	432
11	87	130	4500	1.50	FF	27R17	DR	63S4	14	432
6.5	150	211	4500	0.85						
7.4	131	186	4500	1.00	FA	27R17	DR	63S4	13	432
9.7	102	142	4500	1.25	FAF	27R17	DR	63S4	13	432
11	88	124	4500	1.45	F	27R17	DR	63S4	13	432
13	77	109	4500	1.70	FF	27R17	DR	63S4	14	432
14	67	96	4500	1.95						
3.9	290	228.99	13000	2.8	FA	67	DR	63M6	32	399
4.6	245	195.39	13000	3.3	FAF	67	DR	63M6	38	398
5.3	215	170.85	13000	3.8	F	67	DR	63M6	35	397
5.6	205	162.31	13000	4.0	FF	67	DR	63M6	41	398
6.3	181	142.40	13000	4.5						
4.5	250	199.70	11400	2.4	FA	57	DR	63M6	28	394
4.9	230	183.60	11500	2.6	FAF	57	DR	63M6	34	393
5.7	200	157.09	11500	3.0	F	57	DR	63M6	28	392
6.6	173	136.16	11500	3.5	FF	57	DR	63M6	35	393
7.1	162	127.27	11500	3.7						
6.9	166	199.70	11500	3.6	FA	57	DR	63S4	28	394
7.5	152	183.60	11500	3.9	FAF	57	DR	63S4	34	393
8.8	130	157.09	11500	4.6	F	57	DR	63S4	28	392
10	113	136.16	11500	5.3	FF	57	DR	63S4	35	393
4.7	240	190.76	7510	1.65						
5.1	220	175.38	7640	1.80						
6.0	191	150.06	7820	2.1	FA	47	DR	63M6	21	389
6.9	166	130.07	7940	2.4	FAF	47	DR	63M6	24	388
7.4	155	121.57	7990	2.6	F	47	DR	63M6	22	387
8.6	134	105.09	8060	3.0	FF	47	DR	63M6	25	388
10	114	89.29	8130	3.5						
11	102	79.72	8160	3.9						

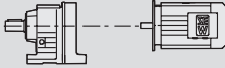
P _m = 0.12 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
7.2	158	190.76	7970	2.5	FA	47	DR	63S4	21	389
7.9	146	175.38	8020	2.8	FAF	47	DR	63S4	24	388
9.2	125	150.06	8100	3.2	F	47	DR	63S4	22	387
11	108	130.07	8150	3.7	FF	47	DR	63S4	25	388
7.0	164	128.51	4740	1.20	FA	37	DR	63M6	16	384
7.6	150	117.88	4880	1.35	FAF	37	DR	63M6	18	383
9.0	128	100.36	5070	1.55	F	37	DR	63M6	16	382
10	110	86.53	5190	1.80	FF	37	DR	63M6	18	383
11	103	80.65	5240	1.95						
11	107	128.51	5220	1.85	FA	37	DR	63S4	16	384
12	98	117.88	5270	2.0	FAF	37	DR	63S4	18	383
14	83	100.36	5340	2.4	F	37	DR	63S4	16	382
16	72	86.53	5400	2.8	FF	37	DR	63S4	18	383
17	67	80.65	5410	3.0						
8.2	140	109.90	4500	0.95	FA	27	DR	63M6	9.9	380
9.5	121	94.76	4500	1.10	FAF	27	DR	63M6	11	379
10	112	88.32	4500	1.15	F	27	DR	63M6	10	378
12	98	77.21	4500	1.30	FF	27	DR	63M6	11	379
9.8	117	140.74	4500	1.10						
11	107	129.09	4500	1.20						
13	91	109.90	4500	1.40						
15	79	94.76	4500	1.65						
16	73	88.32	4500	1.75						
18	64	77.21	4500	2.0	FA	27	DR	63S4	9.9	380
19	60	72.37	4500	2.2	FAF	27	DR	63S4	11	379
22	53	63.86	4500	2.4	F	27	DR	63S4	10	378
24	47	56.62	4500	2.8	FF	27	DR	63S4	11	379
28	42	50.19	4500	3.1						
30	39	46.78	4500	3.4						
34	34	40.89	4500	3.8						
36	32	38.33	4430	4.1						
41	28	33.83	4270	4.6						
47	24	29.56	4100	5.3						
51	23	27.18	4000	5.8						
59	19	23.25	3820	6.7						
68	17	20.15	3650	7.8						
73	16	18.84	3580	8.3						
85	14	16.28	3420	9.6						
100	12	13.84	3250	11						
112	10	12.35	3140	13	FA	27	DR	63S4	9.6	380
131	8.8	10.55	2990	15	FAF	27	DR	63S4	10	379
140	8.2	9.88	2920	16	F	27	DR	63S4	10	378
147	7.8	9.40	2870	17	FF	27	DR	63S4	11	379
170	6.7	8.13	2740	18						
200	5.7	6.91	2600	20						
224	5.1	6.17	2510	21						
262	4.4	5.27	2390	23						
280	4.1	4.93	2340	23						
332	3.5	4.16	2210	25						

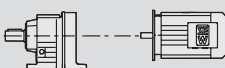
P _m = 0.18 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.10	13600	12912	87200	0.90						
0.11	12100	11656	90000	1.00	FA	127R77	DR	63M4	425	432
0.13	10700	10191	90000	1.10	FAF	127R77	DR	63M4	465	432
0.15	8940	8831	90000	1.35	F	127R77	DR	63M4	460	432
0.17	7740	7643	90000	1.55	FF	127R77	DR	63M4	510	432
0.20	7130	6715	90000	1.70						

P _m = 0.18 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.15	8440	8548	47700	0.90	FA FAF F FF	107R77	DR	63M4	275	432
0.17	8130	7674	48600	0.95						
0.20	7070	6767	51400	1.10						
0.22	6080	5954	53800	1.25						
0.25	5290	5223	55700	1.45						
0.29	4850	4567	56600	1.60						
0.37	3670	3521	59100	2.1						
0.43	3250	3037	59900	2.4	FA	107R77	DR	63M4	275	432
0.48	2950	2756	60500	2.6	FAF	107R77	DR	63M4	295	432
0.56	2540	2369	61200	3.0	F	107R77	DR	63M4	290	432
0.64	2210	2068	61800	3.5	FF	107R77	DR	63M4	315	432
0.30	4800	4333	22800	0.90	FA	97R57	DR	63M4	185	432
					FAF	97R57	DR	63M4	205	432
					F	97R57	DR	63M4	190	432
					FF	97R57	DR	63M4	225	432
0.34	4420	3906	29500	0.95	FA FAF F FF	97R57	DR	63M4	180	432
0.39	3800	3352	31300	1.15						
0.45	3210	2907	32800	1.35						
0.52	2890	2553	33600	1.50						
0.59	2540	2245	34300	1.70						
0.67	2210	1970	35000	1.95						
0.77	1950	1722	35500	2.2						
0.86	1730	1527	35900	2.5						
0.99	1420	1327	36400	3.0						
1.1	1330	1171	36500	3.2						
0.51	2920	2576	22300	1.00	FA FAF F FF	87R57	DR	63M4	115	432
0.60	2490	2199	24800	1.20						
0.68	2160	1930	25900	1.40						
0.77	1930	1709	26600	1.55						
0.88	1690	1493	27300	1.75						
1.0	1390	1300	28100	2.1						
1.2	1250	1148	28400	2.4						
1.3	1080	1010	28800	2.8						
1.5	970	887	29000	3.1						
1.7	830	780	29300	3.6						
0.86	1770	1544	13500	0.85	FA FAF F FF	77R37	DR	63M4	65	432
0.98	1550	1354	15300	0.95						
1.1	1380	1200	16500	1.10						
1.2	1210	1053	17400	1.25						
1.4	1030	910	18200	1.45						
1.6	880	810	18700	1.70						
1.9	780	710	19000	1.90						
2.2	690	615	19300	2.2						
1.5	940	858	8660	0.85	FA FAF F FF	67R37	DR	63M4	43	432
1.8	820	755	10200	1.00						
2.1	700	641	11200	1.15						
2.3	645	572	11600	1.25						
2.6	555	509	12100	1.45						
3.0	480	437	12500	1.70						
3.4	430	384	12700	1.90						
2.6	575	500	12000	1.40	FA FAF F FF	67R37	DR	63M4	42	432
2.9	525	454	12300	1.55						
3.4	450	392	12600	1.80						
4.0	380	333	12900	2.2						
4.4	335	297	13000	2.4						
5.1	295	261	13000	2.8						
5.6	260	238	13000	3.1						
6.6	215	200	13000	3.7						
2.4	635	558	7570	0.95	FA	57R37	DR	63M4	39	432
2.6	570	506	9420	1.05	FAF	57R37	DR	63M4	45	432
2.9	495	452	9930	1.20	F	57R37	DR	63M4	39	432
3.4	425	386	10400	1.40	FF	57R37	DR	63M4	46	432
3.9	370	338	10700	1.60						

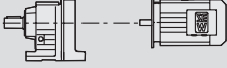
P_m = 0.18 kW

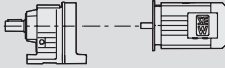
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
3.1	500	426	9910	1.20	FA FAF F FF	57R37	DR	63M4	38	432
3.5	445	382	10300	1.35						
4.0	380	330	10700	1.55						
4.4	340	298	10900	1.75						
5.0	300	262	11100	2.00						
5.8	255	226	11400	2.3						
6.6	220	200	11500	2.7	FA FAF F FF	47R17	DR	63M4	24	432
3.6	410	370	5210	0.95						
4.1	375	324	6250	1.05						
4.6	325	288	6810	1.20						
5.3	275	249	7250	1.45						
4.0	385	334	6100	1.05						
4.5	335	295	6680	1.20	FA FAF F FF	47R17	DR	63M4	23	432
5.2	285	253	7190	1.40						
6.1	250	217	7430	1.55						
7.0	220	190	7650	1.80						
7.4	205	178	7740	1.95						
7.1	215	186	4060	0.95						
7.9	194	167	4380	1.05	FA FAF F FF	37R17	DR	63M4	19	432
9.1	171	145	4660	1.15						
10	151	129	4870	1.30						
9.3	166	142	4500	0.80						
11	144	124	4500	0.90						
12	126	109	4500	1.05						
14	110	96	4500	1.20	FA FAF F FF	27R17	DR	63M4	13	432
3.1	555	281.71	19600	2.7						
3.3	515	262.93	19700	2.9						
3.8	445	225.79	19800	3.4						
3.8	450	228.99	12600	1.80						
4.4	385	195.39	12900	2.1						
5.1	335	170.85	13000	2.4	FA FAF F FF	67	DR	63L6	33	399
5.8	295	228.99	13000	2.8						
6.8	250	195.39	13000	3.2						
7.7	220	170.85	13000	3.7						
4.4	390	199.70	10600	1.50						
4.7	360	183.60	10800	1.65						
5.5	310	157.09	11100	1.95	FA FAF F FF	57	DR	63L6	29	394
6.4	265	136.16	11300	2.2						
6.8	250	127.27	11400	2.4						
7.9	215	110.01	11500	2.8						
6.6	260	199.70	11300	2.3						
7.2	235	183.60	11500	2.5						
8.4	200	157.09	11500	2.9	FA FAF F FF	57	DR	63M4	28	393
9.7	177	136.16	11500	3.4						
10	166	127.27	11500	3.6						
4.6	375	190.76	6240	1.05						
5.0	345	175.38	6600	1.15						
5.8	295	150.06	7090	1.35						
6.7	255	130.07	7410	1.55	FA FAF F FF	47	DR	63L6	22	389
7.2	240	121.57	7530	1.65						
6.9	245	190.76	7470	1.60						
7.5	225	175.38	7600	1.75						
8.8	195	150.06	7800	2.0						
10	169	130.07	7920	2.4						
11	158	121.57	7970	2.5	FA FAF F FF	47	DR	63M4	21	389
7.4	230	117.88	3750	0.85						
8.7	198	100.36	4320	1.00						
10	171	86.53	4660	1.15						
11	159	80.65	4790	1.25						
12	139	70.50	4970	1.45						

P _m = 0.18 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
10	167	128.51	4700	1.20						
11	154	117.88	4840	1.30						
13	131	100.36	5040	1.55						
15	113	86.53	5180	1.75						
16	105	80.65	5230	1.90						
19	92	70.50	5300	2.2						
20	86	66.09	5330	2.3						
23	76	58.32	5380	2.6						
12	143	109.90	4500	0.90						
14	123	94.76	4500	1.05						
15	115	88.32	4500	1.15						
17	100	77.21	4500	1.30						
18	94	72.37	4500	1.40						
21	83	63.86	4500	1.55						
23	74	56.62	4500	1.75						
26	65	50.19	4500	2.00						
28	61	46.78	4500	2.1						
32	53	40.89	4410	2.4						
34	50	38.33	4340	2.6						
39	44	33.83	4200	3.0						
45	38	29.56	4040	3.4						
49	35	27.18	3950	3.7						
57	30	23.25	3780	4.3						
65	26	20.15	3630	5.0						
70	24	18.84	3560	5.3						
81	21	16.28	3410	6.1						
95	18	13.84	3240	7.2						
107	16	12.35	3140	8.1						
125	14	10.55	2990	9.5						
134	13	9.88	2930	10						
140	12	9.40	2870	11						
162	11	8.13	2750	12						
191	9.0	6.91	2610	13						
214	8.0	6.17	2520	14						
251	6.9	5.27	2400	14						
268	6.4	4.93	2350	15						
318	5.4	4.16	2230	16						
335	5.1	8.13	2190	24						
394	4.4	6.91	2080	26						
441	3.9	6.17	2000	28						
516	3.3	5.27	1910	30						
551	3.1	4.93	1870	31						
655	2.6	4.16	1770	33						
335	5.1	8.13	2190	24						
394	4.4	6.91	2080	26						
441	3.9	6.17	2000	28						
516	3.3	5.27	1910	30						
551	3.1	4.93	1870	31						
655	2.6	4.16	1770	33						

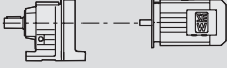
P _m = 0.25 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.15	13300	8831	87900	0.90						
0.17	11500	7643	90000	1.05	FA	127R77	DR	63L4	425	432
0.19	10400	6715	90000	1.15	FAF	127R77	DR	63L4	465	432
0.22	9230	5925	90000	1.30	F	127R77	DR	63L4	465	432
0.25	7940	5153	90000	1.50	FF	127R77	DR	63L4	510	432
0.29	6890	4533	90000	1.75						
0.22	9050	5954	46000	0.85	FA	107R77	DR	63L4	275	432
0.25	7890	5223	49300	0.95	FAF	107R77	DR	63L4	295	432
0.28	7120	4567	51300	1.10	F	107R77	DR	63L4	290	432
0.37	5430	3521	55300	1.40	FF	107R77	DR	63L4	320	432
0.43	4780	3037	56800	1.60						
0.47	4340	2756	57700	1.75	FA	107R77	DR	63L4	275	432
0.55	3730	2369	59000	2.1	FAF	107R77	DR	63L4	295	432
0.63	3250	2068	59900	2.4	F	107R77	DR	63L4	290	432
0.81	2490	1597	61300	3.1	FF	107R77	DR	63L4	320	432
0.93	2150	1401	61900	3.6						

P_m = 0.25 kW

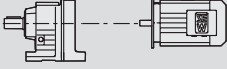
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.45	4670	2907	27500	0.90	FA FAF F FF	97R57	DR	63L4	185	432
0.51	4180	2553	30300	1.05						
0.58	3670	2245	31600	1.15						
0.66	3200	1970	32800	1.35						
0.75	2820	1722	33700	1.50						
0.85	2500	1527	34400	1.70						
0.98	2090	1327	35200	2.0						
1.1	1910	1171	35500	2.2						
1.3	1670	1022	36000	2.6	FA FAF F FF	87R57	DR	63L4	120	432
0.67	3130	1930	13500	0.95						
0.76	2790	1709	23700	1.05						
0.87	2440	1493	25000	1.25						
1.0	2050	1300	26300	1.45						
1.1	1830	1148	26900	1.65						
1.3	1590	1010	27600	1.90						
1.5	1410	887	28000	2.1						
1.7	1230	780	28500	2.4	FA FAF F FF	77R37	DR	63L4	66	432
1.9	1040	674	28900	2.9						
1.2	1740	1053	13900	0.85						
1.4	1490	910	15700	1.00						
1.6	1290	810	16900	1.15						
1.8	1130	710	17700	1.30						
2.1	1000	615	18300	1.50						
2.4	870	538	18700	1.70						
2.7	775	480	19000	1.95	FA FAF F FF	67R37	DR	63L4	44	432
3.2	660	413	19400	2.3						
2.3	930	572	9150	0.90						
2.6	810	509	10400	1.00						
3.0	700	437	11200	1.15						
2.6	830	500	10200	1.00						
2.9	755	454	10800	1.10						
3.3	650	392	11600	1.25						
3.9	550	333	12200	1.50	FA FAF F FF	67R37	DR	63L4	42	432
4.4	485	297	12500	1.70						
5.0	425	261	12700	1.90						
5.5	385	238	12900	2.1						
3.4	620	386	8830	0.95						
3.8	540	338	9640	1.10						
5.1	405	255	10500	1.45						
3.4	635	382	7390	0.95						
3.9	550	330	9570	1.10	FA FAF F FF	57R37	DR	63L4	39	432
4.4	495	298	9950	1.20						
5.0	435	262	10300	1.35						
5.8	370	226	10700	1.60						
6.5	320	200	11000	1.85						
7.6	275	170	11300	2.2						
5.2	400	249	5880	1.00						
6.0	355	218	6470	1.10						
6.7	315	193	6920	1.25	FA FAF F FF	47R17	DR	63L4	24	432
7.4	285	175	7180	1.40						
5.1	410	253	4980	0.95						
6.0	365	217	6380	1.10						
6.8	315	190	6900	1.25						
7.3	295	178	7090	1.35						
8.7	245	149	7480	1.60						
9.9	215	131	7670	1.85						
8.9	245	145	3420	0.80	FA FAF F FF	37R17	DR	63L4	20	432
10	215	129	4040	0.90						
11	198	118	4320	1.00						
13	164	98	4740	1.20						
15	144	87	4940	1.40						

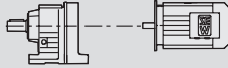
P _m = 0.25 kW														
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg					
3.2	750	281.71	19100	2.0	FA FAF F FF	77 77 77 77	DRS DRS DRS DRS	71S6 71S6 71S6 71S6	58	404				
3.4	700	262.93	19300	2.1					65	403				
4.0	600	225.79	19500	2.5					62	402				
4.5	525	198.31	19600	2.8					73	403				
4.8	500	188.40	19700	3.0										
3.9	610	228.99	11800	1.35	FA FAF F FF	67 67 67 67	DRS DRS DRS DRS	71S6 71S6 71S6 71S6	34	399				
4.6	520	195.39	12300	1.55					41	398				
5.2	455	170.85	12600	1.80					37	397				
5.5	430	162.31	12700	1.90					43	398				
6.3	375	142.40	12900	2.2										
5.7	420	228.99	12700	1.95	FA FAF F FF	67 67 67 67	DR DR DR DR	63L4 63L4 63L4 63L4	33	399				
6.6	355	195.39	13000	2.3					39	398				
7.6	310	170.85	13000	2.6					36	397				
8.0	295	162.31	13000	2.8					42	398				
9.1	260	142.40	13000	3.1										
4.5	530	199.70	9700	1.15	FA FAF F FF	57 57 57 57	DRS DRS DRS DRS	71S6 71S6 71S6 71S6	31	394				
4.9	485	183.60	9990	1.25					36	393				
5.7	415	157.09	10500	1.45					31	392				
6.6	360	136.16	10800	1.65					37	393				
7.0	335	127.27	10900	1.75										
8.1	290	110.01	11200	2.0										
6.5	365	199.70	10800	1.65	FA FAF F FF	57 57 57 57	DR DR DR DR	63L4 63L4 63L4 63L4	29	394				
7.1	335	183.60	10900	1.80					34	393				
8.3	285	157.09	11200	2.1					29	392				
9.6	250	136.16	11400	2.4					35	393				
10	230	127.27	11500	2.6										
12	200	110.01	11500	3.0										
6.0	400	150.06	5920	1.00	FA FAF F FF	47 47 47 47	DRS DRS DRS DRS	71S6 71S6 71S6 71S6	24	389				
6.9	345	130.07	6590	1.15					26	388				
7.4	320	121.57	6830	1.25					24	387				
8.5	280	105.09	7230	1.45					27	388				
6.8	350	190.76	6550	1.15	FA FAF F FF	47 47 47 47	DR DR DR DR	63L4 63L4 63L4 63L4	22	389				
7.4	320	175.38	6850	1.25					24	388				
8.7	275	150.06	7270	1.45					22	387				
10.0	235	130.07	7540	1.65					25	388				
11	220	121.57	7640	1.80										
12	193	105.09	7810	2.1										
15	164	89.29	7950	2.4										
10	235	128.51	3690	0.85	FA FAF F FF	37 37 37 37	DR DR DR DR	63L4 63L4 63L4 63L4	17	384				
11	215	117.88	4040	0.90					18	383				
13	184	100.36	4500	1.10					17	382				
15	159	86.53	4790	1.25					19	383				
16	148	80.65	4900	1.35										
18	130	70.50	5060	1.55										
20	121	66.09	5120	1.65										
22	107	58.32	5210	1.85										
24	100	54.54	5260	2.0										
25	95	51.70	5280	2.1										
28	86	47.02	5330	2.3										
30	80	43.83	5360	2.5										
34	70	38.31	5400	2.8										
36	66	35.91	5420	3.0										
41	58	31.69	5440	3.4										
17	142	77.21	4500	0.90					FA FAF F FF	27 27 27 27	DR DR DR DR	63L4 63L4 63L4 63L4	11	380
18	133	72.37	4500	1.00									11	379
20	117	63.86	4500	1.10	11	378								
23	104	56.62	4500	1.25	12	379								
26	92	50.19	4440	1.40										
28	86	46.78	4370	1.50										
32	75	40.89	4240	1.75										
34	70	38.33	4180	1.85										
38	62	33.83	4060	2.1										

P_m = 0.25 kW

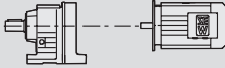
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
44	54	29.56	3920	2.4						
48	50	27.18	3840	2.6						
56	43	23.25	3690	3.0						
64	37	20.15	3550	3.5						
69	35	18.84	3480	3.8						
80	30	16.28	3350	4.4						
94	25	13.84	3200	5.1						
105	23	12.35	3090	5.7	FA	27	DR	63L4	10	380
123	19	10.55	2950	6.7	FAF	27	DR	63L4	11	379
132	18	9.88	2900	7.2	F	27	DR	63L4	11	378
138	17	9.40	2840	7.5	FF	27	DR	63L4	12	379
160	15	8.13	2720	8.3						
188	13	6.91	2590	9.0						
211	11	6.17	2500	9.6						
247	9.7	5.27	2380	10						
264	9.1	4.93	2340	11						
313	7.6	4.16	2220	11						
327	7.3	8.13	2180	17	FA	27	DR	63M2	9.6	380
385	6.2	6.91	2080	18	FAF	27	DR	63M2	10	379
431	5.5	6.17	2000	20	F	27	DR	63M2	10	378
505	4.7	5.27	1910	21	FF	27	DR	63M2	11	379
539	4.4	4.93	1870	22						
640	3.7	4.16	1770	24						

P_m = 0.37 kW

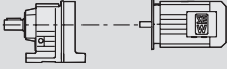
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.21	14900	6715	84600	0.80						
0.23	13200	5925	88100	0.90	FA	127R77	DRS	71S4	430	432
0.27	11400	5153	90000	1.05	FAF	127R77	DRS	71S4	465	432
0.30	9930	4533	90000	1.20	F	127R77	DRS	71S4	465	432
0.35	8690	3926	90000	1.40	FF	127R77	DRS	71S4	510	432
0.40	7560	3454	90000	1.60						
0.46	6610	3031	90000	1.80						
0.45	6850	3037	52000	1.10	FA	107R77	DRS	71S4	275	432
0.50	6210	2756	53500	1.25	FAF	107R77	DRS	71S4	295	432
0.58	5340	2369	55500	1.45	F	107R77	DRS	71S4	290	432
0.67	4660	2068	57000	1.65	FF	107R77	DRS	71S4	320	432
0.86	3570	1597	59300	2.2						
0.70	4540	1970	29200	0.95	FA	97R57	DRS	71S4	185	432
0.80	3990	1722	30800	1.10	FAF	97R57	DRS	71S4	205	432
0.90	3540	1527	32000	1.20	F	97R57	DRS	71S4	190	432
1.0	2990	1327	33300	1.45	FF	97R57	DRS	71S4	225	432
1.2	2710	1171	33900	1.60						
1.4	2370	1022	34700	1.80						
1.5	2000	898	35400	2.1						
1.1	2930	1300	22000	1.00	FA	87R57	DRS	71S4	120	432
1.2	2610	1148	24400	1.15	FAF	87R57	DRS	71S4	130	432
1.4	2280	1010	25600	1.30	F	87R57	DRS	71S4	125	432
1.6	2010	887	26400	1.50	FF	87R57	DRS	71S4	140	432
1.8	1760	780	27100	1.70						
2.0	1500	674	27800	2.00						
2.3	1370	609	28100	2.2						
2.7	1150	515	28600	2.6						
3.0	1020	452	28900	2.9						
1.7	1840	810	11300	0.80	FA	77R37	DRS	71S4	68	432
1.9	1620	710	14900	0.95	FAF	77R37	DRS	71S4	74	432
2.2	1420	615	16200	1.05	F	77R37	DRS	71S4	72	432
2.6	1240	538	17200	1.20	FF	77R37	DRS	71S4	82	432
2.9	1100	480	17900	1.35						
3.4	940	413	18500	1.60						
3.8	840	367	18900	1.80						
4.3	750	323	19100	2.0						

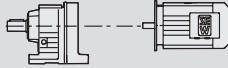
P _m = 0.37 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
3.6	880	384	9670	0.95	FA FAF F FF	67R37	DRS	71S4	46	432
4.1	785	338	10600	1.05		67R37	DRS	71S4	52	432
4.5	700	305	11200	1.15		67R37	DRS	71S4	48	432
5.4	590	257	11900	1.40		67R37	DRS	71S4	55	432
6.0	520	231	12300	1.55		67R37	DRS	71S4		
5.4	580	255	9330	1.05	FA	57R37	DRS	71S4	42	432
6.9	455	201	10200	1.30	FAF	57R37	DRS	71S4	47	432
7.6	410	181	10500	1.45	F	57R37	DRS	71S4	42	432
					FF	57R37	DRS	71S4	48	432
5.3	615	262	9070	0.95	FA FAF F FF	57R37	DRS	71S4		
6.1	525	226	9740	1.15		57R37	DRS	71S4	41	432
6.9	460	200	10200	1.30		57R37	DRS	71S4	47	432
8.1	390	170	10600	1.50		57R37	DRS	71S4	41	432
9.0	345	152	10900	1.70		57R37	DRS	71S4	48	432
10	305	134	11100	1.95	57R37	DRS	71S4			
7.9	400	175	5860	1.00	FA	47R17	DRS	71S4	26	432
9.4	340	147	6660	1.15	FAF	47R17	DRS	71S4	29	432
11	300	130	7050	1.35	F	47R17	DRS	71S4	27	432
					FF	47R17	DRS	71S4	30	432
3.3	1050	270.68	28900	2.8	FA	87	DRS	71M6	99	409
3.5	990	255.37	29000	3.0	FAF	87	DRS	71M6	110	408
4.0	890	228.93	29200	3.4	F	87	DRS	71M6	105	407
					FF	87	DRS	71M6	120	408
4.0	880	225.79	18700	1.70	FA	77	DRS	71M6	60	404
4.6	770	198.31	19100	1.95	FAF	77	DRS	71M6	66	403
4.8	735	188.40	19200	2.0	F	77	DRS	71M6	64	402
5.4	645	166.47	19400	2.3	FF	77	DRS	71M6	74	403
6.4	555	142.27	19600	2.7						
4.9	720	281.71	19200	2.1	FA	77	DRS	71S4	58	404
5.2	670	262.93	19300	2.2	FAF	77	DRS	71S4	65	403
6.1	575	225.79	19500	2.6	F	77	DRS	71S4	62	402
7.0	505	198.31	19700	3.0	FF	77	DRS	71S4	73	403
4.6	760	195.39	10800	1.05	FA	67	DRS	71M6	36	399
5.3	665	170.85	11500	1.25	FAF	67	DRS	71M6	42	398
5.6	630	162.31	11700	1.30	F	67	DRS	71M6	39	397
6.4	555	142.40	12100	1.45	FF	67	DRS	71M6	45	398
7.5	470	120.79	12500	1.75						
6.0	585	228.99	12000	1.40	FA	67	DRS	71S4	34	399
7.1	500	195.39	12400	1.65	FAF	67	DRS	71S4	41	398
8.1	435	170.85	12700	1.85	F	67	DRS	71S4	37	397
8.5	415	162.31	12800	1.95	FF	67	DRS	71S4	43	398
9.7	360	142.40	12900	2.2						
11	305	120.79	13000	2.6						
5.8	610	157.09	9100	1.00	FA	57	DRS	71M6	32	394
6.6	530	136.16	9700	1.15	FAF	57	DRS	71M6	37	393
7.1	495	127.27	9940	1.20	F	57	DRS	71M6	32	392
8.2	425	110.01	10400	1.40	FF	57	DRS	71M6	38	393
6.9	510	199.70	9850	1.15	FA FAF F FF					
7.5	470	183.60	10100	1.30						
8.8	400	157.09	10600	1.50		57	DRS	71S4	31	394
10	345	136.16	10900	1.70		57	DRS	71S4	36	393
11	325	127.27	11000	1.85		57	DRS	71S4	31	392
13	280	110.01	11200	2.1		57	DRS	71S4	37	393
15	235	93.47	11500	2.5						
17	210	83.46	11500	2.8						
9.2	380	150.06	6140	1.05	FA	47	DRS	71S4	24	389
11	330	130.07	6740	1.20	FAF	47	DRS	71S4	26	388
13	265	105.09	7320	1.50	F	47	DRS	71S4	24	387
15	225	89.29	7600	1.75	FF	47	DRS	71S4	27	388
17	200	79.72	7750	1.95						
20	174	68.09	7900	2.3						
21	167	65.36	7930	2.4						

P_m = 0.37 kW

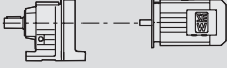
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
16	220	86.53	3960	0.90						
17	205	80.65	4200	0.95						
20	180	70.50	4550	1.10						
21	169	66.09	4680	1.20						
24	149	58.32	4880	1.35						
25	140	54.54	4970	1.45						
27	132	51.70	5030	1.50						
29	120	47.02	5120	1.65						
31	112	43.83	5180	1.80						
36	98	38.31	5270	2.0						
38	92	35.91	5300	2.2						
44	81	31.69	5300	2.5						
49	72	28.09	5140	2.8						
58	61	23.88	4930	3.3						
24	145	56.62	4080	0.90						
28	128	50.19	4010	1.00	FAF	27	DRS	71S4	13	379
30	120	46.78	3970	1.10	F	27	DRS	71S4	13	378
34	105	40.89	3880	1.25	FF	27	DRS	71S4	14	379
36	98	38.33	3840	1.35						
41	87	33.83	3750	1.50						
47	76	29.56	3650	1.70						
51	70	27.18	3580	1.85						
59	60	23.25	3460	2.2						
68	52	20.15	3340	2.5						
73	48	18.84	3290	2.7						
85	42	16.28	3170	3.1						
100	35	13.84	3040	3.7						
112	32	12.35	2950	4.1						
131	27	10.55	2820	4.8						
140	25	9.88	2770	5.1						
147	24	9.40	2710	5.4						
170	21	8.13	2600	5.9						
200	18	6.91	2490	6.4						
224	16	6.17	2410	6.9						
262	14	5.27	2300	7.4						
280	13	4.93	2250	7.6						
332	11	4.16	2140	8.2						
326	11	8.13	2150	11	FA	27	DR	63L2	10	380
384	9.2	6.91	2050	12	FAF	27	DR	63L2	11	379
430	8.2	6.17	1980	13	F	27	DR	63L2	11	378
503	7.0	5.27	1890	14	FF	27	DR	63L2	12	379
537	6.6	4.93	1850	15						
638	5.5	4.16	1750	16						

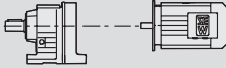
P_m = 0.55 kW

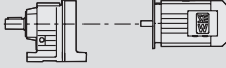
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.22	20500	6295	91800	0.90	FA	157R97	DRS	71M4	770	432
0.25	17100	5404	102700	1.05	FAF	157R97	DRS	71M4	830	432
0.49	8820	2780	118800	2.0	F	157R97	DRS	71M4	790	432
					FF	157R97	DRS	71M4	900	432
0.56	7790	2427	120000	2.3	FA	157R97	DRS	71M4	760	432
0.81	5530	1674	120000	3.2	FAF	157R97	DRS	71M4	820	432
1.0	4270	1308	120000	4.2	F	157R97	DRS	71M4	790	432
1.2	3750	1169	120000	4.8	FF	157R97	DRS	71M4	890	432
0.35	13400	3926	87700	0.90	FA	127R77	DRS	71M4	430	432
0.39	11700	3454	90000	1.00	FAF	127R77	DRS	71M4	465	432
0.45	10200	3031	90000	1.15	F	127R77	DRS	71M4	465	432
					FF	127R77	DRS	71M4	510	432

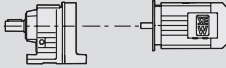
P _m = 0.55 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.57	8240	2369	48300	0.95	FA FAF F FF	107R77	DRS	71M4	275	432
0.66	7200	2068	51100	1.05						
0.74	6190	1826	53600	1.25						
0.85	5530	1597	55100	1.40						
0.97	4820	1401	56700	1.60						
1.1	4210	1243	58000	1.80						
1.2	3760	1087	58900	2.0						
1.4	3220	950	60000	2.4						
1.6	2800	834	60800	2.7						
2.1	2180	640	61900	3.5						
1.0	4620	1327	28900	0.95	FA FAF F FF	97R57	DRS	71M4	185	432
1.2	4150	1171	30300	1.05						
1.3	3620	1022	31800	1.20						
1.5	3100	898	33100	1.40						
1.7	2740	784	33900	1.55						
2.0	2380	690	34600	1.80						
2.2	2100	605	35200	2.0						
2.6	1820	529	35700	2.4						
2.9	1610	467	36100	2.7						
3.4	1380	406	36500	3.1						
3.7	1240	363	36700	3.5						
1.5	3100	887	15200	0.95	FA FAF F FF	87R57	DRS	71M4	120	432
1.7	2710	780	24000	1.10						
2.0	2330	674	25400	1.30						
2.2	2120	609	26100	1.40						
2.6	1790	515	27000	1.70						
3.0	1570	452	27600	1.90						
3.9	1180	345	28600	2.5						
2.8	1690	480	14300	0.90	FA FAF F FF	77R37	DRS	71M4	69	432
3.3	1440	413	16100	1.05						
3.7	1290	367	17000	1.15						
4.2	1140	323	17700	1.30						
5.3	900	257	9470	0.90	FA FAF F FF	67R37	DRS	71M4	47	432
5.9	800	231	10400	1.00						
6.6	720	205	11100	1.15						
7.8	610	175	11800	1.35						
3.4	1550	270.68	27700	1.95	FA FAF F FF	87	DRS	80S6	100	409
3.6	1460	255.37	27900	2.0						
4.0	1310	228.93	28300	2.3						
4.6	1130	197.20	28700	2.6						
5.1	1030	179.97	28900	2.9						
4.0	1290	225.79	17000	1.15	FA FAF F FF	77	DRS	80S6	62	404
4.6	1130	198.31	17700	1.30						
4.9	1080	188.40	18000	1.40						
5.5	950	166.47	18500	1.55	FA FAF F FF	77	DRS	80S6	62	404
6.4	810	142.27	18900	1.85						
7.0	745	130.42	19100	2.0						
6.0	870	225.79	18800	1.70	FA FAF F FF	77	DRS	71M4	60	404
6.9	765	198.31	19100	1.95						
7.2	725	188.40	19200	2.1						
8.2	640	166.47	19400	2.3						
9.6	545	142.27	19600	2.7						
10	500	130.42	19700	3.0						
12	440	114.45	19800	3.4						
13	415	108.46*	19800	3.6						
14	365	94.93	19900	4.1						

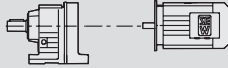
P_m = 0.55 kW

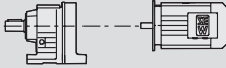
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
7.0	750	195.39	10900	1.10	FA FAF F FF	67 67 67 67	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	36 42 39 45	399 398 397 398
8.0	655	170.85	11500	1.25						
8.4	625	162.31	11700	1.30						
9.6	545	142.40	12200	1.50						
11	465	120.79	12600	1.75						
12	420	109.04	12700	1.95						
14	370	95.94	12900	2.2						
15	345	90.59	13000	2.3	FA FAF F FF	57 57 57 57	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	32 37 32 38	394 393 392 393
17	305	79.76	13000	2.7						
8.7	605	157.09	9150	1.00						
10.0	525	136.16	9740	1.15						
11	490	127.27	9980	1.20						
12	420	110.01	10400	1.40						
15	360	93.47	10800	1.65						
16	320	83.46	11000	1.85	FA FAF F FF	47 47 47 47	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	25 27 25 29	389 388 387 388
19	280	72.98	11200	2.1						
20	260	68.22	11300	2.3						
23	225	58.97	11500	2.6						
13	405	105.09	5840	1.00						
15	340	89.29	6620	1.15						
17	305	79.72	6990	1.30						
20	260	68.09	7360	1.50	FA FAF F FF	37 37 37 37	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	20 21 20 22	384 383 382 383
21	250	65.36	7440	1.60						
24	215	56.49	7670	1.85						
28	185	48.00*	7850	2.2						
32	166	42.86	7940	2.4						
23	225	58.32	3890	0.90						
25	210	54.54	4140	0.95	FA FAF F FF	37 37 37 37	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	14 14 14 15	380 379 378 379
26	200	51.70	4300	1.00						
29	182	47.02	4540	1.10						
31	169	43.83	4680	1.20						
36	148	38.31	4900	1.35						
38	139	35.91	4980	1.45						
43	122	31.69	4990	1.65						
48	108	28.09	4870	1.85	FA FAF F FF	27 27 27 27	DRS DRS DRS DRS	71M2 71M2 71M2 71M2	13 14 14 15	380 379 378 379
57	92	23.88	4700	2.2						
58	91	23.63	4690	2.2						
66	79	20.57	4540	2.5						
71	74	19.27	4470	2.7						
80	66	17.03	4340	3.0						
95	55	14.33	4150	3.6						
36	144	77.21	3410	0.90	FA FAF F FF	27 27 27 27	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	13 14 14 15	380 379 378 379
39	135	72.37	3390	0.95						
44	119	63.86	3350	1.10						
50	106	56.62	3290	1.25						
56	94	50.19	3230	1.40						
58	90	23.25	3210	1.45						
67	78	20.15	3130	1.65						
72	73	18.84	3090	1.80	FA FAF F FF	27 27 27 27	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	13 14 14 15	380 379 378 379
84	63	16.28	3000	2.1						
98	53	13.84	2900	2.4						
110	48	12.35	2820	2.7						
129	41	10.55	2720	3.2						
138	38	9.88	2670	3.4						
145	36	9.40	2610	3.6						
167	31	8.13	2510	3.9	FA FAF F FF	27 27 27 27	DRS DRS DRS DRS	71M4 71M4 71M4 71M4	13 14 14 15	380 379 378 379
197	27	6.91	2410	4.3						
221	24	6.17	2340	4.6						
258	20	5.27	2240	4.9						
276	19	4.93	2200	5.0						
327	16	4.16	2100	5.4						

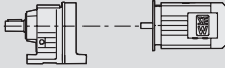
P _m = 0.55 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
346	15	8.13	2070	8.1						
407	13	6.91	1970	8.8						
456	12	6.17	1910	9.5						
533	9.8	5.27	1820	10						
570	9.2	4.93	1790	10						
676	7.8	4.16	1700	11						

P _m = 0.75 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.52	11600	2780	114700	1.55	FA	157R97	DRN	80M4	770	432
					FAF	157R97	DRN	80M4	830	432
					F	157R97	DRN	80M4	790	432
					FF	157R97	DRN	80M4	900	432
0.59	10300	2427	116800	1.75	FA	157R97	DRN	80M4	770	432
0.86	7280	1674	120000	2.5	FAF	157R97	DRN	80M4	830	432
1.1	5620	1308	120000	3.2	F	157R97	DRN	80M4	790	432
1.2	4960	1169	120000	3.6	FF	157R97	DRN	80M4	900	432
0.48	13400	3031	87700	0.90	FA	127R77	DRN	80M4	435	432
					FAF	127R77	DRN	80M4	470	432
					F	127R77	DRN	80M4	470	432
					FF	127R77	DRN	80M4	520	432
0.54	12000	2672	90000	1.00	FA FAF F FF	127R77	DRN	80M4	435	432
0.61	10500	2357	90000	1.15					470	432
0.71	9120	2038	90000	1.30					470	432
0.81	7940	1784	90000	1.50					470	432
0.90	7120	1606	90000	1.70					510	432
0.79	8090	1826	48700	0.95	FA FAF F FF	107R77	DRN	80M4	280	432
0.90	7200	1597	51100	1.05						
1.0	6280	1401	53300	1.20						
1.2	5510	1243	55200	1.40						
1.3	4900	1087	56500	1.55						
1.5	4210	950	58000	1.80						
1.7	3670	834	59100	2.1						
2.2	2850	640	60700	2.7						
3.3	1940	436	62300	4.0						
1.4	4690	1022	26900	0.90	FA FAF F FF	97R57	DRN	80M4	190	432
1.6	4040	898	30600	1.05						
1.8	3560	784	31900	1.20						
2.1	3100	690	33100	1.40						
2.4	2730	605	33900	1.55						
2.7	2370	529	34700	1.80						
3.1	2090	467	35200	2.0						
3.6	1800	406	35700	2.4						
4.0	1620	363	36100	2.6						
2.1	3030	674	18400	1.00	FA	87R57	DRN	80M4	125	432
2.4	2750	609	23900	1.10	FAF	87R57	DRN	80M4	140	432
2.8	2320	515	25400	1.30	F	87R57	DRN	80M4	130	432
3.2	2040	452	26300	1.45	FF	87R57	DRN	80M4	145	432
4.2	1540	345	27700	1.95						
3.9	1670	367	14400	0.90	FA	77R37	DRN	80M4	74	432
4.5	1480	323	15800	1.00	FAF	77R37	DRN	80M4	80	432
5.2	1270	280	17000	1.15	F	77R37	DRN	80M4	77	432
					FF	77R37	DRN	80M4	88	432
5.3	1340	270.68	28200	2.2	FA	87	DRN	80M4	105	409
5.6	1270	255.37	28400	2.4	FAF	87	DRN	80M4	115	408
6.3	1130	228.93	28700	2.6	F	87	DRN	80M4	110	407
					FF	87	DRN	80M4	125	408
6.4	1120	225.79	17800	1.35	FA	77	DRN	80M4	65	404
7.3	980	198.31	18400	1.50	FAF	77	DRN	80M4	71	403
7.6	930	188.40	18500	1.60	F	77	DRN	80M4	68	402
					FF	77	DRN	80M4	79	403

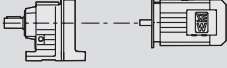
P _m = 0.75 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
8.6	820	166.47	18900	1.80	FA FAF F FF	77 77 77 77	DRN DRN DRN DRN	80M4 80M4 80M4 80M4	65	404
10	705	142.27	19200	2.1					71	403
11	645	130.42	19400	2.3					68	402
13	565	114.45	19600	2.6					79	403
13	535	108.46*	19600	2.8						
8.4	840	170.85	10000	0.95	FA FAF F FF	67 67 67 67	DRN DRN DRN DRN	80M4 80M4 80M4 80M4	41	399
8.9	800	162.31	10400	1.00					47	398
10	705	142.40	11200	1.15					43	397
12	600	120.79	11900	1.35					49	398
13	540	109.04	12200	1.50	FA FAF F FF	67 67 67 67	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
15	475	95.94	12500	1.70					41	399
16	450	90.59	12600	1.80					47	398
18	395	79.76	12800	2.1					43	397
21	335	67.65	13000	2.4					49	398
24	300	61.07	13000	2.7						
11	630	127.27	7950	0.95	FA FAF F FF	57 57 57 57	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
13	545	110.01	9590	1.10						
15	460	93.47	10200	1.30					37	394
17	415	83.46	10500	1.45					42	393
20	360	72.98	10800	1.65					37	392
21	335	68.22	10900	1.75					43	393
24	290	58.97	11200	2.0						
29	245	50.10	11400	2.4						
32	220	44.73	11300	2.7						
18	395	79.72	5970	1.00	FA FAF F FF	47 47 47 47	DRN DRN DRN DRN	80M4 80M4 80M4 80M4	29	389
21	335	68.09	6680	1.20					32	388
22	325	65.36	6820	1.25					30	387
									33	388
25	280	56.49	7220	1.40	FA FAF F FF	47 47 47 47	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
30	235	48.00*	7540	1.70					29	389
34	210	42.86	7700	1.90					32	388
39	182	36.61	7860	2.2					30	387
42	171	34.29	7770	2.4					33	388
50	144	28.88	7460	2.8						
31	230	47.02	3730	0.85	FA FAF F FF	37 37 37 37	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
33	215	43.83	4020	0.90					24	384
38	191	38.31	4420	1.05					26	383
40	179	35.91	4570	1.10					25	382
45	158	31.69	4590	1.25					27	383
51	140	28.09	4500	1.45						
61	118	23.63	4370	1.70	FA FAF F FF	37 37 37 37	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
70	102	20.57	4250	1.95					24	384
75	96	19.27	4200	2.1					26	383
85	85	17.03	4090	2.4					25	382
100	71	14.33	3930	2.8					27	383
112	64	12.87	3830	3.1						
62	116	23.25	2900	1.10	FA FAF F FF	27 27 27 27	DRN DRN DRN DRN	80M4 80M4 80M4 80M4		
71	100	20.15	2860	1.30					18	380
76	94	18.84	2830	1.40					19	379
88	81	16.28	2770	1.60					19	378
104	69	13.84	2700	1.90					19	379
117	61	12.35	2640	2.1						
136	52	10.55	2560	2.5						
146	49	9.88	2520	2.6						
153	47	9.40	2450	2.8						
177	40	8.13	2370	3.0						
208	34	6.91	2280	3.3						
234	31	6.17	2220	3.6						
273	26	5.27	2140	3.8						
292	25	4.93	2100	3.9						
346	21	4.16	2010	4.2						

P _m = 1.1 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
0.52	17400	2780	101800	1.05	FA	157R97	DRN	90S4	780	432
					FAF	157R97	DRN	90S4	840	432
					F	157R97	DRN	90S4	800	432
					FF	157R97	DRN	90S4	900	432
0.60	15400	2427	107100	1.15	FA FAF F FF	157R97	DRN	90S4	770	432
0.67	13700	2185	110800	1.30						
0.75	12200	1944	113700	1.45						
0.87	10800	1674	116000	1.65						
1.1	8380	1308	119300	2.2						
1.2	7420	1169	120000	2.4						
1.5	5930	953	120000	3.0						
1.7	5180	845	120000	3.5						
3.3	2740	446	120000	6.6						
4.8	1850	302	120000	9.7						
0.71	13400	2038	87700	0.90	FA FAF F FF	127R77	DRN	90S4	440	432
0.82	11700	1784	90000	1.00						
0.91	10500	1606	90000	1.15						
1.0	9100	1390	90000	1.30						
1.2	7950	1220	90000	1.50						
1.4	7070	1077	90000	1.70	FA FAF F FF	107R77	DRN	90S4	285	432
1.2	8140	1243	48600	0.95						
1.3	7200	1087	51100	1.05						
1.5	6220	950	53500	1.25						
1.8	5430	834	55300	1.40						
2.0	4770	736	56800	1.60						
2.3	4200	640	58000	1.85	FA FAF F FF	97R57	DRN	90S4	195	432
2.1	4560	690	29100	0.95						
2.4	4010	605	30700	1.05						
2.8	3490	529	32100	1.25						
3.1	3080	467	33100	1.40						
3.6	2660	406	34100	1.60						
4.0	2390	363	34600	1.80	FA FAF F FF	87R57	DRN	90S4	130	432
3.2	3000	452	19600	1.00						
4.2	2270	345	25600	1.30						
4.8	1960	300	26500	1.50						
5.8	1630	249	27500	1.85	FA FAF F FF	97	DRN	90S4	175	414
5.3	1990	276.77	35400	2.2						
5.7	1820	253.41	35700	2.4						
6.5	1610	223.88	36100	2.7						
5.4	1950	270.68	26600	1.55	FA	87	DRN	90S4	110	409
					FAF	87	DRN	90S4	120	408
					F	87	DRN	90S4	115	407
					FF	87	DRN	90S4	130	408
8.1	1290	179.97	28300	2.3	FA FAF F FF	87	DRN	90S4	110	409
9.1	1150	159.61	28600	2.6						
11	960	134.16	29000	3.1						
12	890	123.29	29200	3.4						
7.3	1430	198.31	16200	1.05	FA FAF F FF	77	DRN	90S4	69	404
7.7	1360	188.40	16600	1.10						
8.7	1200	166.47	17400	1.25						
10	1020	142.27	18200	1.45						
11	940	130.42	18500	1.60	FA FAF F FF	77	DRN	90S4	69	404
13	820	114.45	18900	1.80						
13	780	108.46*	19000	1.90						
15	685	94.93	19300	2.2						
17	615	85.52	19500	2.4						
19	540	75.02	19600	2.8						
12	870	120.79	9820	0.95	FA	67	DRN	90S4	47	399
					FAF	67	DRN	90S4	53	398
					F	67	DRN	90S4	50	397
					FF	67	DRN	90S4	56	398

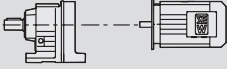
P _m = 1.1 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
13	785	109.04	10600	1.05	FA FAF F FF	67 67 67 67	DRN DRN DRN DRN	90S4 90S4 90S4 90S4	47 53 50 56	399 398 397 398
15	690	95.94	11300	1.20						
16	650	90.59	11600	1.25						
18	575	79.76	12000	1.40						
22	485	67.65	12500	1.70						
24	440	61.07	12700	1.85						
27	385	53.73	12900	2.1						
29	365	50.74	12900	2.2						
34	310	43.20	13000	2.6						
37	280	39.26	13000	2.8						
43	245	34.01	13000	3.0						
17	600	83.46	9180	1.00	FA FAF F FF	57 57 57 57	DRN DRN DRN DRN	90S4 90S4 90S4 90S4	43 48 43 50	394 393 392 393
20	525	72.98	9740	1.15						
21	490	68.22	9980	1.20						
25	425	58.97	10400	1.40						
29	360	50.10	10800	1.65						
33	320	44.73	10600	1.85						
38	275	38.21	10300	2.2						
41	255	35.79	10100	2.3						
48	215	30.15	9720	2.7						
26	405	56.49	5680	1.00	FA	47	DRN	90S4	35	389
30	345	48.00*	6600	1.15	FAF	47	DRN	90S4	38	388
					F	47	DRN	90S4	36	387
					FF	47	DRN	90S4	39	388
34	305	42.86	6970	1.30	FA	47	DRN	90S4	35	389
40	260	36.61	7300	1.50	FAF	47	DRN	90S4	38	388
42	245	34.29	7210	1.60	F	47	DRN	90S4	36	387
50	205	28.88	6990	1.90	FF	47	DRN	90S4	39	388
47	220	30.86	7080	1.80	FA FAF F FF	47 47 47 47	DRN DRN DRN DRN	90S4 90S4 90S4 90S4	34 37 35 38	389 388 387 388
50	210	29.32	7010	1.90						
57	186	25.72	6820	2.2						
67	158	21.82	6580	2.5						
74	142	19.70	6430	2.8						
46	225	31.69	3830	0.85	FA	37	DRN	90S4	30	384
52	200	28.09	3960	1.00	FAF	37	DRN	90S4	32	383
61	172	23.88	3920	1.15	F	37	DRN	90S4	31	382
					FF	37	DRN	90S4	33	383
71	149	20.57	3860	1.35	FA FAF F FF	37 37 37 37	DRN DRN DRN DRN	90S4 90S4 90S4 90S4	30 32 31 32	384 383 382 383
76	139	19.27	3820	1.45						
85	123	17.03	3760	1.65						
102	103	14.33	3650	1.95						
113	93	12.87	3580	2.2						
131	80	11.08	3470	2.4						
140	75	10.42	3430	2.5						
162	65	8.97	3320	2.7						
72	146	20.15	2440	0.90	FA FAF F FF	27 27 27 27	DRN DRN DRN DRN	90S4 90S4 90S4 90S4	24 25 24 25	380 379 378 379
77	136	18.84	2440	0.95						
89	118	16.28	2440	1.10						
105	100	13.84	2410	1.30						
118	89	12.35	2380	1.45						
138	76	10.55	2330	1.70						
147	71	9.88	2310	1.80						
155	68	9.40	2230	1.90						
179	59	8.13	2180	2.1						
211	50	6.91	2120	2.3						
236	45	6.17	2080	2.4						
276	38	5.27	2010	2.6						
295	36	4.93	1990	2.7						
350	30	4.16	1910	2.9						

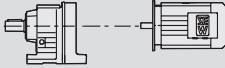
P _m = 1.5 kW																						
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg													
0.60	21300	2427	88800	0.85																		
0.67	19000	2185	96900	0.95																		
0.75	16900	1944	103200	1.05																		
0.87	14800	1674	108300	1.20																		
1.1	11500	1308	114900	1.55																		
1.2	10200	1169	116900	1.75																		
1.5	8250	953	119500	2.2																		
1.7	7240	845	120000	2.5																		
3.3	3820	446	120000	4.7	FA	157R97	DRN	90L4	780	432												
4.8	2590	302	120000	7.0																		
0.91	14400	1606	85700	0.85							FAF	157R97	DRN	90L4	840	432						
1.0	12400	1390	89500	0.95																		
1.2	10900	1220	90000	1.10																		
1.4	9690	1077	90000	1.25																		
1.6	8320	930	90000	1.45																		
1.8	7310	820	90000	1.65																		
2.0	6460	727	90000	1.85																		
2.2	5830	648	90000	2.1																		
1.5	8530	950	47500	0.90	F	157R97	DRN	90L4	900	432												
1.8	7460	834	50400	1.05																		
2.0	6560	736	52700	1.15																		
2.3	5760	640	54600	1.35																		
2.6	4980	560	56300	1.55																		
3.0	4350	489	57700	1.75																		
3.4	3920	436	58600	1.95																		
4.0	3320	370	59800	2.3																		
2.8	4780	529	23800	0.90	FF	157R97	DRN	90L4														
3.1	4220	467	30100	1.00																		
3.6	3650	406	31700	1.20																		
4.0	3270	363	32700	1.30																		
4.9	2700	300	24100	1.10							FA	107R77	DRN	90L4	290	432						
5.9	2240	249	25700	1.35																		
5.3	2710	276.77	34000	1.60													FAF	107R77	DRN	90L4	310	432
5.8	2480	253.41	34400	1.75																		
6.5	2190	223.88	35000	1.95																		
7.7	1860	189.92	35600	2.3																		
8.4	1710	174.87	35900	2.5																		
5.4	2650	270.68	24300	1.15	F	107R77	DRN	90L4	305	432												
5.7	2500	255.37	24800	1.20																		
6.4	2240	228.93	25700	1.35																		
7.4	1930	197.20	26600	1.55																		
8.1	1760	179.97	27100	1.70							FF	107R77	DRN	90L4	335	432						
9.2	1560	159.61	27700	1.90																		
11	1310	134.16	28300	2.3																		
13	1070	109.49	28800	2.8																		
15	950	97.89	29100	3.1																		
8.8	1630	166.47	14800	0.90	FA	97R57	DRN	90L4	200	432												
10	1390	142.27	16400	1.10																		
11	1270	130.42	17000	1.15																		
13	1120	114.45	17800	1.35																		
13	1060	108.46*	18100	1.40							FAF	97R57	DRN	90L4	220	432						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	F	97R57	DRN	90L4	210	432												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FF	97R57	DRN	90L4	240	432						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	FA	87	DRN	90L4	175	414												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FAF	87	DRN	90L4	200	413						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	F	87	DRN	90L4	185	412												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FF	87	DRN	90L4	215	413						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	FA	87	DRN	90L4	110	409												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FAF	87	DRN	90L4	125	408						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	F	87	DRN	90L4	120	407												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FF	87	DRN	90L4	135	408						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	FA	77	DRN	90L4	73	404												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FAF	77	DRN	90L4	79	403						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8	F	77	DRN	90L4	76	402												
30	470	48.37	19700	3.2																		
34	425	43.58	19800	3.5																		
38	370	38.23	19900	4.0																		
13	1060	108.46*	18100	1.40							FF	77	DRN	90L4	87	403						
15	930	94.93	18600	1.60																		
17	830	85.52	18900	1.80																		
19	735	75.02	19200	2.0																		
20	710	72.50	19200	2.1																		
22	650	66.46	19400	2.3																		
25	570	58.32	19600	2.6																		
26	540	55.27	19600	2.8																		

P_m = 1.5 kW

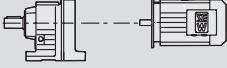
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
40	355	36.58	19900	3.1	FA	77	DRN	90L4	71	404
46	305	31.51	20000	4.5	FAF	77	DRN	90L4	78	403
					F	77	DRN	90L4	75	402
					FF	77	DRN	90L4	86	403
16	880	90.59	9650	0.90	FA FAF F FF	67	DRN	90L4	50	399
18	780	79.76	10600	1.05						
22	660	67.65	11500	1.25						
24	595	61.07	11900	1.35						
27	525	53.73	12300	1.55						
29	495	50.74	12400	1.65						
34	420	43.20	12700	1.95						
37	380	39.26	12900	2.0						
40	355	36.30	13000	2.3	FA	67	DRN	90L4	49	399
46	310	32.08	13000	2.6	FAF	67	DRN	90L4	55	398
53	265	27.41	13000	3.0	F	67	DRN	90L4	52	397
58	245	25.13	13000	3.3	FF	67	DRN	90L4	58	398
25	575	58.97	9370	1.05	FA FAF F FF	57	DRN	90L4	46	394
29	490	50.10	9980	1.20						
33	435	44.73	9940	1.35						
38	370	38.21	9680	1.60						
41	350	35.79	9560	1.70						
48	295	30.15	9240	2.0						
40	355	36.61	6460	1.10	FA	47	DRN	90L4	38	389
43	335	34.29	6600	1.20	FAF	47	DRN	90L4	41	388
51	280	28.88	6460	1.40	F	47	DRN	90L4	39	387
					FF	47	DRN	90L4	42	388
47	300	30.86	6520	1.30	FA FAF F FF	47	DRN	90L4	38	389
50	285	29.32	6480	1.40						
57	250	25.72	6360	1.60						
67	210	21.82	6190	1.85						
74	193	19.70	6070	2.1						
84	170	17.33	5920	2.4						
89	160	16.36	5850	2.5						
105	137	13.93	5650	2.9						
71	200	20.57	3410	1.00	FA FAF F FF	37	DRN	90L4	33	384
76	189	19.27	3410	1.05						
86	167	17.03	3390	1.20						
102	141	14.33	3340	1.40						
114	126	12.87	3300	1.60						
132	109	11.08	3230	1.75						
140	102	10.42	3200	1.80						
163	88	8.97	3120	2.00						
182	79	8.01	3060	2.2						
106	136	13.84	2090	0.95	FA FAF F FF	27	DRN	90L4	27	380
118	121	12.35	2090	1.05						
138	103	10.55	2090	1.25						
148	97	9.88	2080	1.35						
155	92	9.40	1990	1.40						
180	80	8.13	1970	1.55						
212	68	6.91	1940	1.70						
237	60	6.17	1920	1.80						
277	52	5.27	1880	1.95						
296	48	4.93	1860	2.00						
352	41	4.16	1800	2.1						

P_m = 2.2 kW

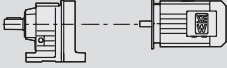
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.0	18100	1441	99800	1.00	FA	157R97	DRN	100LS4	780	432
					FAF	157R97	DRN	100LS4	840	432
					F	157R97	DRN	100LS4	810	432
					FF	157R97	DRN	100LS4	910	432

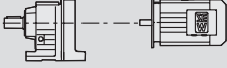
P _m = 2.2 kW															
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg						
1.1	17300	1308	102200	1.05	FA FAF F FF	157R97	DRN	100LS4	780	432					
1.2	15400	1169	107100	1.15											
1.5	12400	953	113300	1.45											
1.7	10900	845	115800	1.65											
1.9	9850	764	117500	1.85											
2.1	8760	680	118900	2.0											
2.5	7350	576	120000	2.4											
3.2	5790	446	120000	3.1											
4.8	3920	302	120000	4.6											
5.3	3520	273	120000	5.1											
6.3	2950	232	120000	6.1	FA FAF F FF	127R77	DRN	100LS4	445	432					
7.4	2500	197	120000	7.2											
1.4	14400	1077	85700	0.85											
1.6	12400	930	89600	0.95											
1.8	10900	820	90000	1.10											
2.0	9670	727	90000	1.25											
2.2	8680	648	90000	1.40											
2.6	7360	549	90000	1.65											
2.9	6620	495	90000	1.80											
3.4	5730	428	90000	2.1											
2.3	8580	640	47300	0.90	FA FAF F FF	107R77	DRN	100LS4	295	432					
2.6	7450	560	50400	1.05											
3.0	6500	489	52800	1.20											
3.3	5840	436	54400	1.30											
3.9	4950	370	56400	1.55											
4.4	4460	333	57500	1.70											
5.1	3830	285	31200	1.10							97R57	DRN	100LS4	205	432
5.9	3290	245	32600	1.30											
5.7	3680	254.40*	59100	2.1											
6.7	3120	215.37	60200	2.5											
7.3	2880	199.31	60600	2.7	FA FAF F FF	107	DRN	100LS4	255	419					
8.1	2580	178.64	61100	3.0											
5.2	4010	276.77	30700	1.05		97	DRN	100LS4	180	414					
5.7	3670	253.41	31700	1.15											
6.5	3240	223.88	32700	1.35											
7.6	2750	189.92	33900	1.55											
8.3	2530	174.87	34300	1.70											
9.3	2260	156.30	34900	1.90											
10	2030	140.71	35300	2.1											
11	1840	127.42	35700	2.3											
7.4	2850	197.20	23500	1.05	FA FAF F FF	87	DRN	100LS4	115	409					
8.1	2600	179.97	24400	1.15											
9.1	2310	159.61	25500	1.30											
11	1940	134.16	26600	1.55											
12	1780	123.29	27100	1.70		87	DRN	100LS4	115	409					
13	1580	109.49	27600	1.90											
15	1410	97.89	28000	2.1											
16	1270	88.01	28400	2.4											
19	1100	76.39	27700	2.7											
21	990	68.40	27000	3.0											
26	820	56.75	25700	3.6											
29	725	50.36	25000	4.0											
32	655	45.28	24300	4.3											
13	1650	114.45	14600	0.90	FA FAF F FF	77	DRN	100LS4	77	404					
13	1570	108.46*	15200	0.95											
15	1370	94.93	16500	1.10											
17	1230	85.52	17200	1.20											
19	1080	75.02	18000	1.40		77	DRN	100LS4	77	404					
22	960	66.46	18400	1.55											
25	840	58.32	18800	1.80											
26	800	55.27	19000	1.85											
30	700	48.37	19300	2.1											
33	630	43.58	19400	2.4											

P_m = 2.2 kW

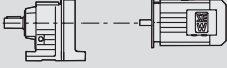
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
40	525	36.58	19600	2.1	FA	77	DRN	100LS4	75	404
46	455	31.51	19800	3.0	FAF	77	DRN	100LS4	82	403
50	415	28.75	19800	3.4	F	77	DRN	100LS4	79	402
57	365	25.50*	19900	4.1	FF	77	DRN	100LS4	90	403
24	880	61.07	9680	0.95	FA	67	DRN	100LS4	54	399
27	775	53.73	10700	1.05	FAF	67	DRN	100LS4	60	398
29	735	50.74	11000	1.10	F	67	DRN	100LS4	57	397
34	625	43.20	11700	1.30	FF	67	DRN	100LS4	63	398
37	565	39.26	12100	1.35						
43	490	34.01	12400	1.50						
45	460	32.08	12600	1.75	FA	67	DRN	100LS4	53	399
53	395	27.41	12800	2.1	FAF	67	DRN	100LS4	59	398
58	360	25.13	12900	2.2	F	67	DRN	100LS4	55	397
66	315	22.05	13000	2.6	FF	67	DRN	100LS4	62	398
69	300	20.90*	13000	2.7						
79	265	18.29	13000	3.1						
32	645	44.73	6640	0.95	FA	57	DRN	100LS4	50	394
38	550	38.21	8640	1.10	FAF	57	DRN	100LS4	55	393
41	515	35.79	8590	1.15	F	57	DRN	100LS4	50	392
48	435	30.15	8430	1.35	FF	57	DRN	100LS4	57	393
58	360	24.96	8200	1.60	FA	57	DRN	100LS4	49	394
68	305	21.17	7980	1.95	FAF	57	DRN	100LS4	55	393
76	275	19.11	7820	2.2	F	57	DRN	100LS4	50	392
86	240	16.81	7630	2.5	FF	57	DRN	100LS4	56	393
91	230	15.88	7540	2.6						
56	370	25.72	5560	1.05						
66	315	21.82	5510	1.25						
74	285	19.70	5460	1.40	FA	47	DRN	100LS4	42	389
84	250	17.33	5390	1.60	FAF	47	DRN	100LS4	44	388
89	235	16.36	5350	1.70	F	47	DRN	100LS4	42	387
104	200	13.93	5220	2.00	FF	47	DRN	100LS4	46	388
115	183	12.66	5140	2.2						
132	159	10.97	5010	2.5						
162	130	8.96	4710	2.5						
101	205	14.33	2800	0.95						
113	186	12.87	2810	1.05						
131	161	11.08	2820	1.20						
139	151	10.42	2810	1.25						
162	130	8.97	2790	1.35	FA	37	DRN	100LS4	37	384
181	116	8.01	2760	1.45	FAF	37	DRN	100LS4	39	383
215	98	6.74	2620	1.45	F	37	DRN	100LS4	38	382
240	88	6.05	2580	1.55	FF	37	DRN	100LS4	40	383
278	76	5.21	2530	1.65						
296	71	4.90	2510	1.70						
344	61	4.22	2440	1.80						
385	55	3.77	2390	1.90						

P_m = 3.0 kW

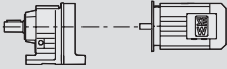
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.2	21100	1169	89600	0.85						
1.5	17100	953	102800	1.05						
1.7	15000	845	107900	1.20						
1.9	13500	764	111100	1.30						
2.1	12000	680	114000	1.50	FA	157R97	DRN	100L4	790	432
2.5	10100	576	117000	1.75	FAF	157R97	DRN	100L4	850	432
3.3	7970	446	119800	2.3	F	157R97	DRN	100L4	810	432
4.8	5390	302	120000	3.3	FF	157R97	DRN	100L4	920	432
5.3	4850	273	120000	3.7						
6.3	4080	232	120000	4.4						
7.4	3460	197	120000	5.2						

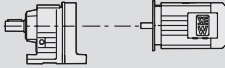
P_m = 3.0 kW										
n_a rpm	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
2.0	13200	727	88100	0.90	FA	127R77	DRN	100L4	455	432
2.2	11800	648	90000	1.00	FAF	127R77	DRN	100L4	490	432
2.6	10000	549	90000	1.20	F	127R77	DRN	100L4	490	432
2.9	9040	495	90000	1.35	FF	127R77	DRN	100L4	530	432
3.3	7970	436	49000	0.95	FA	107R77	DRN	100L4	300	432
3.9	6760	370	52200	1.15	FAF	107R77	DRN	100L4	325	432
4.4	6080	333	53800	1.25	F	107R77	DRN	100L4	320	432
5.0	5320	291	55600	1.45	FF	107R77	DRN	100L4	345	432
5.7	5000	254.40*	56300	1.55	FA	107	DRN	100L4	265	419
6.8	4230	215.37	57900	1.80	FAF	107	DRN	100L4	285	418
7.3	3920	199.31	58600	1.95	F	107	DRN	100L4	280	417
8.2	3510	178.64	59400	2.2	FF	107	DRN	100L4	305	418
9.0	3170	161.28*	60100	2.4						
6.5	4400	223.88	29600	1.00	FA	97	DRN	100L4	190	414
7.7	3730	189.92	31500	1.15	FAF	97	DRN	100L4	210	413
8.3	3440	174.87	32300	1.25	F	97	DRN	100L4	195	412
					FF	97	DRN	100L4	230	413
9.3	3070	156.30	33100	1.40	FA	97	DRN	100L4	190	414
10	2760	140.71	33800	1.55	FAF	97	DRN	100L4	210	413
11	2500	127.42	34400	1.70	F	97	DRN	100L4	195	412
13	2220	112.99	35000	1.95	FF	97	DRN	100L4	230	413
14	2010	102.16	35400	2.1						
16	1760	89.85	35800	2.4						
11	2630	134.16	24300	1.15	FA	87	DRN	100L4	125	409
12	2420	123.29	25100	1.25	FAF	87	DRN	100L4	135	408
13	2150	109.49	26000	1.40	F	87	DRN	100L4	130	407
					FF	87	DRN	100L4	145	408
15	1920	97.89	26700	1.55	FA	87	DRN	100L4	125	409
17	1730	88.01	26700	1.75	FAF	87	DRN	100L4	135	408
19	1500	76.39	26100	2.0	F	87	DRN	100L4	130	407
21	1340	68.40	25500	2.2	FF	87	DRN	100L4	145	408
26	1110	56.75	24600	2.7						
29	990	50.36	23900	3.0						
17	1680	85.52	14400	0.90	FA	77	DRN	100L4	84	404
19	1470	75.02	15900	1.00	FAF	77	DRN	100L4	91	403
22	1300	66.46	16900	1.15	F	77	DRN	100L4	88	402
					FF	77	DRN	100L4	98	403
25	1140	58.32	17700	1.30	FA	77	DRN	100L4	84	404
26	1080	55.27	18000	1.40	FAF	77	DRN	100L4	91	403
30	950	48.37	18500	1.60	F	77	DRN	100L4	88	402
33	850	43.58	18800	1.75	FF	77	DRN	100L4	98	403
38	750	38.23	19100	2.00						
40	715	36.58	19200	1.55	FA	77	DRN	100L4	83	404
46	615	31.51	19500	2.2	FAF	77	DRN	100L4	89	403
51	565	28.75	19600	2.5	F	77	DRN	100L4	86	402
57	500	25.50*	19700	3.0	FF	77	DRN	100L4	97	403
68	420	21.43	19800	3.6						
34	840	43.20	10000	0.95	FA	67	DRN	100L4	61	399
37	770	39.26	10700	1.00	FAF	67	DRN	100L4	67	398
43	665	34.01	11500	1.10	F	67	DRN	100L4	64	397
					FF	67	DRN	100L4	70	398
45	630	32.08	11700	1.30						
53	535	27.41	12200	1.50	FA	67	DRN	100L4	60	399
58	490	25.13	12400	1.65	FAF	67	DRN	100L4	66	398
66	430	22.05	12700	1.90	F	67	DRN	100L4	63	397
70	410	20.90*	12800	2.00	FF	67	DRN	100L4	69	398
80	355	18.29	12900	2.3						
88	320	16.48	13000	2.5						
101	280	14.46	13000	2.9						

P_m = 3.0 kW

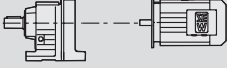
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
58	490	24.96	7420	1.15	FA FAF F FF	57	DRN	100L4	56	394
69	415	21.17	7310	1.45						
76	375	19.11	7220	1.60						
87	330	16.81	7100	1.80						
92	310	15.88	7040	1.90						
108	265	13.52	6850	2.3						
119	240	12.29	6730	2.5						
137	205	10.64	6540	2.9	FA FAF F FF	47	DRN	100L4	49	389
74	385	19.70	4760	1.05						
84	340	17.33	4760	1.15						
89	320	16.36	4760	1.25						
104	270	13.93	4720	1.45						
115	245	12.66	4690	1.60						
133	215	10.97	4620	1.85						
163	176	8.96	4350	1.85	FA FAF F FF	37	DRN	100L4	44	384
131	215	11.08	2340	0.85						
140	205	10.42	2360	0.90						
162	176	8.97	2400	1.00						
182	158	8.01	2410	1.10						
216	133	6.74	2290	1.05						
241	119	6.05	2290	1.15						
279	103	5.21	2280	1.20	FA FAF F FF	47	DRN	100L4	51	388
297	96	4.90	2270	1.25						
345	83	4.22	2240	1.35						
386	74	3.77	2210	1.40						

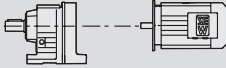
P_m = 4.0 kW

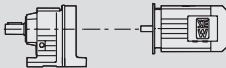
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.7	20100	845	93100	0.90	FA FAF F FF	157R97	DRN	112M4	800	432
1.9	18100	764	99700	1.00						
2.2	16100	680	105200	1.10						
2.5	13600	576	111000	1.30						
3.3	10600	446	116300	1.70						
4.8	7220	302	120000	2.5						
5.4	6500	273	120000	2.8						
6.3	5480	232	120000	3.3	FA FAF F FF	127R77	DRN	112M4	460	432
7.4	4650	197	120000	3.9						
2.7	13300	549	87800	0.90						
3.0	12000	495	90000	1.00						
3.4	10400	428	90000	1.15						
3.9	9120	376	90000	1.30						
4.4	8090	333	48700	0.95	FA FAF F FF	107R77	DRN	112M4	310	432
5.0	7070	291	51400	1.10						
5.7	6200	255	53500	1.25						
5.8	6630	254.40*	52500	1.15	FA FAF F FF	107	DRN	112M4	270	419
6.8	5610	215.37	54900	1.35						
7.4	5200	199.31	55900	1.50						
8.2	4660	178.64	57000	1.65						
9.1	4200	161.28*	58000	1.85						
10.0	3820	146.49	58800	2.0						
11	3390	129.97	59600	2.3						
12	3070	117.94	60200	2.5	FA FAF F FF	97	DRN	112M4	195	414
14	2640	101.38*	61000	2.9						
8.4	4560	174.87	29100	0.95						
9.4	4070	156.30	30500	1.05						
10	3670	140.71	31700	1.15						
11	3320	127.42	32500	1.30						

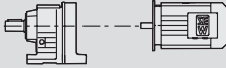
P _m = 4.0 kW										
n _a rpm	M _a Nm	i	F _{Rz} ¹⁾ N	SEW f _B					m kg	
13	2940	112.99	33400	1.45	FA FAF F FF	97	DRN	112M4	195	414
14	2660	102.16	34100	1.60						
15	2540	97.58	34300	1.70						
16	2340	89.85	34700	1.85						
18	2090	80.31	35200	2.0						
20	1880	72.29	35600	2.3						
22	1700	65.47	35900	2.5						
13	2850	109.49	23500	1.05	FA	87	DRN	112M4	135	409
15	2550	97.89	24600	1.15	FAF	87	DRN	112M4	145	408
17	2290	88.01	24500	1.30	F	87	DRN	112M4	140	407
					FF	87	DRN	112M4	155	408
19	1990	76.39	24100	1.50	FA	87	DRN	112M4	135	409
21	1780	68.40	23800	1.70	FAF	87	DRN	112M4	145	408
26	1480	56.75	23100	2.0	F	87	DRN	112M4	140	407
29	1310	50.36	22600	2.2	FF	87	DRN	112M4	155	408
32	1180	45.28	22200	2.4						
22	1730	66.46	13900	0.85	FA	77	DRN	112M4	93	404
25	1520	58.32	15600	1.00	FAF	77	DRN	112M4	100	403
26	1440	55.27	16100	1.05	F	77	DRN	112M4	97	402
30	1260	48.37	17100	1.20	FF	77	DRN	112M4	110	403
34	1130	43.58	17700	1.30	FA	77	DRN	112M4	93	404
38	990	38.23	18300	1.50	FAF	77	DRN	112M4	100	403
43	880	33.74	18700	1.70	F	77	DRN	112M4	97	402
49	780	29.91	19000	1.90	FF	77	DRN	112M4	110	403
57	665	25.54	19300	2.2						
46	820	31.51	18900	1.70	FA	77	DRN	112M4	92	404
51	750	28.75	19100	1.90	FAF	77	DRN	112M4	98	403
57	665	25.50*	19300	2.2	F	77	DRN	112M4	96	402
68	555	21.43	19600	2.7	FF	77	DRN	112M4	105	403
74	510	19.70	19700	2.9						
53	715	27.41	11200	1.15	FA FAF F FF	67	DRN	112M4	69	399
58	655	25.13	11600	1.25						
66	575	22.05	12000	1.45						
70	545	20.90*	12200	1.50						
80	475	18.29	12500	1.70						
89	425	16.48	12700	1.90						
101	375	14.46	12900	2.2						
115	330	12.76	13000	2.5						
129	295	11.31	13000	2.8						
152	250	9.66	13000	3.2						
161	235	9.08	12900	2.2						
170	220	8.60	12700	2.5						
194	196	7.53	12300	3.1						
216	177	6.78	12000	3.5						
246	155	5.95	11600	3.9						
279	137	5.25	11300	4.3						
314	121	4.66	10900	4.6						
368	104	3.97	10500	4.8						
69	550	21.17	6490	1.10	FA FAF F FF	57	DRN	112M4	66	394
77	495	19.11	6480	1.20						
87	435	16.81	6440	1.35						
92	410	15.88	6420	1.45						
108	350	13.52	6320	1.70						
119	320	12.29	6240	1.85						
138	275	10.64	6120	2.2						
157	240	9.31	5820	1.75						
179	210	8.19	5700	1.95						
189	200	7.73	5650	2.1						
222	172	6.58	5480	2.4						
245	156	5.98	5380	2.7						
282	135	5.18	5220	3.1						

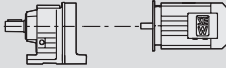
P_m = 5.5 kW

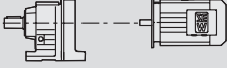
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
2.5	18900	576	97200	0.95	FA FAF F FF	157R97	DRN	132S4	810	432
2.9	16500	503	104400	1.10						
3.3	14800	446	108500	1.20						
4.2	11500	353	114900	1.55						
4.8	10000	302	117200	1.80						
5.4	9040	273	118500	2.00						
6.3	7630	232	120000	2.4						
7.2	6630	202	120000	2.7	FA FAF F FF	127R87	DRN	132S4	495	432
7.4	6470	197	120000	2.8						
3.5	13900	418	86700	0.85						
3.9	12400	374	89600	0.95						
4.7	10300	312	90000	1.15						
5.0	9730	293	90000	1.25						
5.6	8590	259	90000	1.40						
6.5	7410	223	90000	1.60	FA FAF F FF	127R77	DRN	132S4	475	432
3.4	14300	428	85800	0.85						
3.9	12600	376	89300	0.95						
6.8	7740	215.37	49600	1.00						
7.3	7160	199.31	51200	1.05						
8.2	6420	178.64	53000	1.20						
9.1	5790	161.28*	54500	1.30						
10.0	5260	146.49	55700	1.45	FA FAF F FF	107	DRN	132S4	285	419
11	4670	129.97	57000	1.65						
12	4230	117.94	57900	1.80						
14	3640	101.38*	59100	2.1						
16	3320	92.47*	59800	2.3						
17	3180	88.49	60000	2.4						
17	3010	83.99	60400	2.5						
11	4580	127.42	29000	0.95	FA FAF F FF	97	DRN	132S4	210	414
13	4060	112.99	30600	1.05						
14	3670	102.16	31700	1.15						
15	3500	97.58	32100	1.25						
16	3220	89.85	32800	1.35						
17	3110	86.59	33100	1.40						
18	2880	80.31	33600	1.50						
19	2710	75.63	33900	1.60	FA FAF F FF	97	DRN	132S4	210	414
20	2590	72.29	34200	1.65						
22	2350	65.47	34700	1.85						
25	2080	58.06	34400	2.1						
28	1880	52.49	33700	2.3						
17	3160	88.01	11900	0.95						
19	2740	76.39	21200	1.10						
21	2450	68.40	21200	1.20	FA FAF F FF	87	DRN	132S4	145	409
26	2040	56.75	21000	1.45						
29	1810	50.36	20700	1.60						
32	1620	45.28	20500	1.75						
37	1410	39.30	20100	1.95						
42	1260	35.19	19700	2.1						
50	1040	29.20	19100	2.4						
43	1210	33.92	19600	2.1	FA FAF F FF	87	DRN	132S4	140	409
51	1030	28.78	19000	2.4						
55	950	26.50	18700	3.2						
62	850	23.68	18300	3.5						
30	1730	48.37	13900	0.85						
34	1560	43.58	15300	0.95						
38	1370	38.23	16500	1.10						
43	1210	33.74	17400	1.25	FA FAF F FF	77	DRN	132S4	105	404
49	1070	29.91	18000	1.40						
57	910	25.54	18600	1.60						

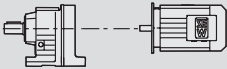
P _m = 5.5 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
57	910	25.50*	18600	1.65	FA FAF F FF	77 77 77 77	DRN DRN DRN DRN	132S4 132S4 132S4 132S4	105 110 105 120	404 403 402 403
68	770	21.43	19100	1.95						
74	705	19.70	19200	2.1						
84	625	17.49	19400	2.4						
93	560	15.64*	19600	2.7						
104	505	14.06	19200	3.0						
120	435	12.20	18500	3.4						
66	790	22.05	10500	1.05	FA FAF F FF	67 67 67 67	DRN DRN DRN DRN	132S4 132S4 132S4 132S4	81 87 84 90	399 398 397 398
70	750	20.90*	10900	1.10						
80	655	18.29	11600	1.25						
89	590	16.48	11900	1.40						
101	515	14.46	12300	1.60						
115	455	12.76	12600	1.80						
129	405	11.31	12800	2.0						
151	345	9.66	12900	2.4						
161	325	9.08	12400	1.60						
170	305	8.60	12200	1.85						
194	270	7.53	11900	2.2						
215	240	6.78	11600	2.5						
246	210	5.95	11300	2.8						
278	189	5.25	11000	3.1						
314	167	4.66	10700	3.4						
368	143	3.97	10300	3.5						
87	600	16.81	5460	1.00	FA FAF F FF	57 57 57 57	DRN DRN DRN DRN	132S4 132S4 132S4 132S4	77 83 78 84	394 393 392 393
92	570	15.88	5490	1.05						
108	485	13.52	5530	1.25						
119	440	12.29	5530	1.35						
137	380	10.64	5500	1.55						
178	290	8.19	5180	1.45						
189	275	7.73	5150	1.50						
222	235	6.58	5060	1.75						
244	215	5.98	4990	1.95						
282	186	5.18	4880	2.2						

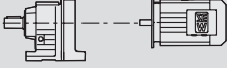
P _m = 7.5 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
3.3	20200	446	93100	0.90	FA FAF F FF	157R97	DRN	132M4	830	432
4.2	15800	353	106200	1.15						
4.9	13600	302	111000	1.30						
5.4	12300	273	113500	1.45						
6.3	10400	232	116600	1.75						
7.3	9080	202	118500	2.00						
7.5	8840	197	118800	2.0						
4.7	14100	312	86300	0.85	FA	127R87	DRN	132M4	510	432
5.0	13200	293	88000	0.90	FAF	127R87	DRN	132M4	550	432
5.7	11700	259	90000	1.00	F	127R87	DRN	132M4	550	432
6.6	10100	223	90000	1.20	FF	127R87	DRN	132M4	590	432
7.4	8950	198	90000	1.35						
8.6	8330	170.83	90000	1.45	FA	127	DRN	132M4	445	424
9.6	7490	153.67*	90000	1.60	FAF	127	DRN	132M4	485	423
12	6110	125.37	90000	1.95	F	127	DRN	132M4	480	422
					FF	127	DRN	132M4	530	423
8.2	8710	178.64	47000	0.90	FA	107	DRN	132M4	300	419
9.1	7860	161.28*	49300	1.00	FAF	107	DRN	132M4	320	418
10	7140	146.49	51200	1.05	F	107	DRN	132M4	320	417
11	6340	129.97	53200	1.20	FF	107	DRN	132M4	345	418
12	5750	117.94	54600	1.35	FA FAF F FF	107	DRN	132M4	300	419
14	4940	101.38*	56400	1.55						
16	4510	92.47*	57400	1.70						
17	4310	88.49	57800	1.80						
17	4090	83.99	58200	1.85						
20	3630	74.52	59200	2.1						
22	3290	67.62	59800	2.3						

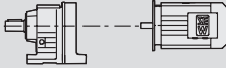
P _m = 7.5 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
15	4760	97.58	24600	0.90	FA FAF F FF	97	DRN	132M4	225	414
16	4380	89.85	29600	1.00					245	413
17	4220	86.59	30100	1.00					235	412
18	3910	80.31	31000	1.10					265	413
19	3680	75.63	31600	1.15						
20	3520	72.29	32000	1.20						
22	3190	65.47	32200	1.35	FA FAF F FF	97	DRN	132M4	225	414
25	2830	58.06	31700	1.50					245	413
28	2560	52.49	31300	1.70					235	412
33	2170	44.49	30500	2.00					265	413
38	1890	38.86	29800	2.3						
45	1580	32.50	28800	2.7						
34	2110	43.28	30400	1.45	FA FAF F FF	97	DRN	132M4	220	414
40	1780	36.64	29500	1.70					240	413
43	1650	33.91	29000	2.6					225	412
48	1480	30.39	28400	2.9					260	413
26	2760	56.75	18100	1.10	FA FAF F FF	87	DRN	132M4	160	409
29	2450	50.36	18200	1.20					175	408
32	2200	45.28	18200	1.30					165	407
37	1910	39.30	18100	1.40					185	408
42	1710	35.19	17900	1.50						
50	1420	29.20	17600	1.75						
51	1400	28.78	17500	1.75	FA FAF F FF	87	DRN	132M4	160	409
55	1290	26.50	17400	2.3					170	408
62	1150	23.68	17100	2.6					165	407
69	1040	21.32*	16800	2.9					180	408
76	940	19.31	16500	3.2						
86	830	17.12	16100	3.6						
95	755	15.48	15800	4.0						
44	1640	33.74	14700	0.90	FA FAF F FF	77	DRN	132M4	125	404
49	1450	29.91	16000	1.05					130	403
57	1240	25.54	17200	1.15					125	402
									135	403
58	1240	25.50*	17200	1.20	FA FAF F FF	77	DRN	132M4	120	404
68	1040	21.43	18100	1.45					130	403
75	960	19.70	18500	1.55					125	402
84	850	17.49	18800	1.75					135	403
94	760	15.64*	18900	1.95						
104	685	14.06	18500	2.2						
120	595	12.20	17900	2.5						
134	530	10.93	17500	2.8						
158	450	9.30	16400	2.4						
178	400	8.26	16000	2.7						
199	360	7.39	15600	3.0						
221	320	6.64	15300	3.3						
255	280	5.76	14800	3.8						
284	250	5.16	14400	4.3						
343	205	4.28	13700	4.8						

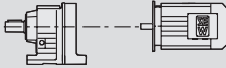
P _m = 9.2 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
4.2	19400	353	95600	0.90	FA FAF F FF	157R97	DRN	132L4	840	432
4.9	16800	302	103600	1.05					890	432
5.4	15100	273	107700	1.20					860	432
6.4	12800	232	112600	1.40					960	432
7.3	11100	202	115500	1.60						
7.5	10800	197	116000	1.65						
5.7	14300	259	85800	0.85	FA FAF F FF	127R87	DRN	132L4	520	432
6.6	12400	223	89600	0.95					560	432
7.4	10900	198	90000	1.10					560	432
									600	432

P_m = 9.2 kW										
n_a rpm	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
8.6	10200	170.83	90000	1.20	FA	127	DRN	132L4	455	424
9.6	9180	153.67*	90000	1.30	FAF	127	DRN	132L4	490	423
12	7490	125.37	90000	1.60	F	127	DRN	132L4	490	422
13	6830	114.34	90000	1.75	FF	127	DRN	132L4	540	423
15	5910	98.95	90000	2.0						
10	8750	146.49	46800	0.90	FA	107	DRN	132L4	310	419
11	7760	129.97	49600	1.00	FAF	107	DRN	132L4	330	418
12	7040	117.94	51500	1.10	F	107	DRN	132L4	325	417
14	6050	101.38*	53900	1.25	FF	107	DRN	132L4	355	418
16	5520	92.47*	55100	1.40						
18	5010	83.99	56300	1.55	FA	107	DRN	132L4	310	419
20	4450	74.52	57500	1.70	FAF	107	DRN	132L4	330	418
22	4040	67.62	58300	1.90	F	107	DRN	132L4	325	417
25	3470	58.12*	58000	2.2	FF	107	DRN	132L4	355	418
29	3030	50.73	56500	2.5						
18	4790	80.31	23100	0.90	FA	97	DRN	132L4	235	414
19	4520	75.63	29200	0.95	FAF	97	DRN	132L4	255	413
20	4320	72.29	29600	1.00	F	97	DRN	132L4	240	412
22	3910	65.47	29600	1.10	FF	97	DRN	132L4	275	413
25	3460	58.06	29500	1.25						
28	3130	52.49	29300	1.35	FA	97	DRN	132L4	235	414
33	2650	44.49	28800	1.60	FAF	97	DRN	132L4	255	413
38	2320	38.86	28300	1.85	F	97	DRN	132L4	240	412
45	1940	32.50	27500	2.2	FF	97	DRN	132L4	275	413
43	2020	33.91	27700	2.1	FA	97	DRN	132L4	230	414
48	1810	30.39	27200	2.4	FAF	97	DRN	132L4	250	413
54	1630	27.44*	26700	2.6	F	97	DRN	132L4	235	412
59	1480	24.92	26200	2.9	FF	97	DRN	132L4	270	413
29	3000	50.36	16000	1.00	FA	87	DRN	132L4	170	409
32	2700	45.28	16300	1.05	FAF	87	DRN	132L4	185	408
37	2340	39.30	16400	1.15	F	87	DRN	132L4	175	407
42	2100	35.19	16400	1.25	FF	87	DRN	132L4	190	408
50	1740	29.20	16300	1.45						
55	1580	26.50	16200	1.90						
62	1410	23.68	16000	2.1	FA	87	DRN	132L4	165	409
69	1270	21.32*	15900	2.4	FAF	87	DRN	132L4	180	408
76	1150	19.31	15600	2.6	F	87	DRN	132L4	175	407
86	1020	17.12	15400	2.9	FF	87	DRN	132L4	190	408
95	920	15.48	15100	3.2						
112	780	13.12*	14600	3.8						
75	1170	19.70	17600	1.25						
84	1040	17.49	18100	1.45						
94	930	15.64*	18200	1.60						
105	840	14.06	17900	1.80						
120	725	12.20	17400	2.1	FA	77	DRN	132L4	130	404
135	650	10.93	17100	2.3	FAF	77	DRN	132L4	135	403
158	555	9.30	15900	1.95	F	77	DRN	132L4	135	402
178	490	8.26	15600	2.2	FF	77	DRN	132L4	145	403
199	440	7.39	15200	2.4						
221	395	6.64	14900	2.7						
255	340	5.76	14500	3.1						
285	305	5.16	14100	3.5						
343	255	4.28	13500	4.0						

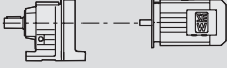
P_m = 11.0 kW										
n_a rpm	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
4.9	20000	302	93500	0.90	FA	157R97	DRN	160M4	870	432
5.4	18100	273	99800	1.00	FAF	157R97	DRN	160M4	930	432
6.4	15300	232	107300	1.15	F	157R97	DRN	160M4	890	432
7.3	13300	202	111600	1.35	FF	157R97	DRN	160M4	1000	432
7.5	13000	197	112300	1.40						

P_m = 11.0 kW										
n_a rpm	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
6.6	14800	223	84800	0.80	FA	127R87	DRN	160M4	550	432
7.5	13100	198	88300	0.90	FAF	127R87	DRN	160M4	590	432
8.9	11000	166	90000	1.10	F	127R87	DRN	160M4	590	432
					FF	127R87	DRN	160M4	630	432
5.5	19000	267.43	96900	0.95	FA FAF F FF	157	DRN	160M4	740	429
6.8	15500	217.62*	106900	1.15						
8.3	12700	178.20*	112800	1.40						
9.0	11600	162.96	114800	1.55						
10	10100	141.80*	117100	1.80						
12	8920	125.14	118700	2.0						
14	7730	108.49	120000	2.3						
15	6880	96.53*	120000	2.6						
17	6110	85.80*	117500	2.9						
19	5590	78.46	115100	3.2	FA FAF F FF	127	DRN	160M4	485	424
22	4860	68.28*	111400	3.7						
8.6	12100	170.83	90000	1.00						
9.6	10900	153.67*	90000	1.10						
12	8940	125.37	90000	1.35						
13	8150	114.34	90000	1.45						
15	7050	98.95	90000	1.70						
17	6220	87.31*	90000	1.95						
20	5370	75.41*	88300	2.2						
12	8410	117.94	47800	0.90	FA FAF F FF	107	DRN	160M4	340	419
15	7220	101.38*	51000	1.05						
16	6590	92.47*	52600	1.15						
18	5980	83.99	54100	1.30						
20	5310	74.52	55600	1.45						
22	4820	67.62	56700	1.60						
25	4140	58.12*	56200	1.85						
29	3610	50.73	54900	2.1						
34	3060	43.03	53300	2.5						
44	2400	33.79*	50700	3.1	FA FAF F FF	107	DRN	160M4	330	419
53	1960	27.57	48500	4.0						
59	1790	25.14	47500	4.4						
22	4660	65.47	26900	0.90						
25	4140	58.06	27100	1.05						
28	3740	52.49	27100	1.15						
33	3170	44.49	26900	1.35						
38	2770	38.86	26700	1.55						
45	2310	32.50	26200	1.85						
43	2410	33.91	26300	1.80	FA FAF F FF	97	DRN	160M4	260	414
48	2160	30.39	25900	2.00						
54	1950	27.44*	25500	2.2						
59	1770	24.92	25200	2.4						
67	1570	22.11	24600	2.7						
37	2800	39.30	14600	0.95						
42	2500	35.19	14800	1.05						
50	2080	29.20	15000	1.20						
56	1880	26.50	15000	1.60	FA FAF F FF	87	DRN	160M4	200	409
62	1680	23.68	15000	1.80						
69	1520	21.32*	14900	1.95						
76	1370	19.31	14800	2.2						
86	1220	17.12	14600	2.5						
95	1100	15.48	14400	2.7						
112	930	13.12*	14000	3.2						

P _m = 11.0 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
75	1400	19.70	16300	1.05						
84	1240	17.49	17200	1.20						
94	1110	15.64*	17600	1.35						
105	1000	14.06	17300	1.50						
121	870	12.20	16900	1.70						
135	775	10.93	16600	1.90						
158	660	9.30	15400	1.65						
178	585	8.26	15100	1.85						
199	525	7.39	14800	2.0						
222	470	6.64	14500	2.3						
256	410	5.76	14100	2.6						
285	365	5.16	13800	2.9						
344	305	4.28	13300	3.3						

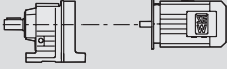
P _m = 15.0 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
6.4	20900	232	90200	0.85	FA	157R97	DRN	160L4	880	432
7.3	18200	202	99400	1.00	FAF	157R97	DRN	160L4	940	432
7.5	17700	197	100900	1.00	F	157R97	DRN	160L4	900	432
					FF	157R97	DRN	160L4	1010	432
6.8	21100	217.62*	89600	0.85	FA FAF F FF	157 157 157 157	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	760 810 780 880	429 428 427 428
8.3	17300	178.20*	102200	1.05						
9.0	15800	162.96	106100	1.15						
10	13700	141.80*	110800	1.30						
12	12100	125.14	113800	1.50						
14	10500	108.49	116500	1.70						
15	9380	96.53*	115600	1.90						
17	8330	85.80*	113000	2.2						
19	7620	78.46	111000	2.4						
22	6630	68.28*	107800	2.7						
24	5850	60.25	104900	3.1						
12	12100	125.37	88900	1.00	FA FAF F FF	127 127 127 127	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	500 540 540 580	424 423 422 423
13	11100	114.34	88300	1.10						
15	9610	98.95	86900	1.25						
17	8480	87.31*	85500	1.40						
20	7320	75.41*	83700	1.65						
21	6800	70.07	82700	1.75						
16	8980	92.47*	46200	0.85	FA FAF F FF	107 107 107 107	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	360 380 375 400	419 418 417 418
17	8590	88.49	47300	0.90						
18	8160	83.99	48500	0.95						
20	7240	74.52	51000	1.05						
22	6570	67.62	52700	1.15						
25	5640	58.12*	52200	1.35	FA FAF F FF	107 107 107 107	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	360 380 375 400	419 418 417 418
29	4930	50.73	51400	1.55						
34	4180	43.03	50300	1.85						
39	3650	37.61	49300	2.1						
46	3090	31.80	47900	2.5						
44	3280	33.79*	48400	2.2	FA FAF F FF	107 107 107 107	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	350 370 365 390	419 418 417 418
53	2670	27.57	46600	2.9						
59	2440	25.14	45800	3.2						
68	2110	21.76*	44400	3.7						
33	4320	44.49	22900	1.00	FA FAF F FF	97 97 97 97	DRN DRN DRN DRN	160L4 160L4 160L4 160L4	285 305 290 325	414 413 412 413
38	3770	38.86	23100	1.15						
45	3150	32.50	23200	1.35						

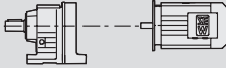
P_m = 15.0 kW

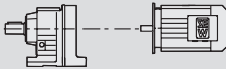
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
43	3290	33.91	23200	1.30	FA FAF F FF	97	DRN	160L4	275	414
48	2950	30.39	23200	1.45						
54	2660	27.44*	23000	1.60						
59	2420	24.92	22900	1.80						
67	2140	22.11	22600	2.0						
73	1950	20.07	22400	2.2						
85	1670	17.25*	21900	2.6						
98	1460	15.06	21400	2.9						
115	1240	12.77	20800	3.5	FA FAF F FF	87	DRN	160L4	215	409
132	1080	11.16	20200	3.8						
56	2570	26.50	12400	1.15						
62	2300	23.68	12600	1.30						
69	2070	21.32*	12800	1.45						
76	1870	19.31	12800	1.60						
86	1660	17.12	12900	1.80						
95	1500	15.48	12800	2.00						
112	1270	13.12*	12700	2.4						
129	1110	11.46	12600	2.7						
154	930	9.58	12300	3.1						
178	800	8.29	11700	1.90						
200	710	7.35	11500	2.1						
222	645	6.65	11300	2.4						
262	545	5.63	11000	2.8						
300	475	4.92	10700	3.2						
358	395	4.12	10300	3.6						

9

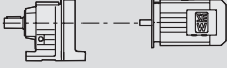
P_m = 18.5 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
7.3	22500	202	74900	0.80	FA	157R97	DRN	180M4	910	432
7.5	21900	197	86400	0.80	FAF	157R97	DRN	180M4	960	432
					F	157R97	DRN	180M4	930	432
					FF	157R97	DRN	180M4	1030	432
8.3	21200	178.20*	89000	0.85	FA FAF F FF	157	DRN	180M4	780	429
9.1	19400	162.96	95600	0.90						
10	16900	141.80*	103200	1.05						
12	14900	125.14	108200	1.20						
14	12900	108.49	112400	1.40						
15	11500	96.53*	111200	1.55						
17	10200	85.80*	109100	1.75						
19	9370	78.46	107400	1.90						
22	8160	68.28*	104700	2.2						
25	7200	60.25	102100	2.5						
28	6240	52.24	99200	2.9	FA FAF F FF	127	DRN	180M4	520	424
13	13600	114.34	82200	0.90						
15	11800	98.95	81600	1.00						
17	10400	87.31*	80900	1.15						
20	9010	75.41*	79700	1.35						
21	8370	70.07	79000	1.45						
23	7630	63.91	78000	1.55						
27	6610	55.31	76300	1.80						
30	5830	48.80	74800	2.1	FA FAF F FF	107	DRN	180M4	380	419
20	8900	74.52	46400	0.85						
22	8080	67.62	48700	0.95						
25	6940	58.12*	48700	1.10						
29	6060	50.73	48400	1.25	FA FAF F FF	107	DRN	180M4	395	417
34	5140	43.03	47700	1.50						
39	4490	37.61	47000	1.70						
46	3800	31.80	45900	2.0						
44	4030	33.79*	46300	1.85	FA FAF F FF	107	DRN	180M4	370	419
54	3290	27.57	44900	2.4						
59	3000	25.14	44200	2.6						
68	2600	21.76*	43100	3.0						

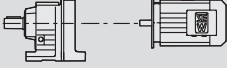
P _m = 18.5 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
38 45	4640	38.86	20100	0.95	FA	97	DRN	180M4	305	414
					FAF	97	DRN	180M4	325	413
					F	97	DRN	180M4	310	412
					FF	97	DRN	180M4	345	413
54	3270	27.44*	20900	1.30						
59	2970	24.92	20900	1.45						
67	2640	22.11	20900	1.65						
74	2390	20.07	20800	1.80						
86	2060	17.25*	20500	2.1						
98	1790	15.06	20200	2.4						
116	1520	12.77	19700	2.8						
132	1330	11.16	19300	3.1						
69	2540	21.32*	10900	1.20						
77	2300	19.31	11100	1.30						
86	2040	17.12	11400	1.45						
95	1850	15.48	11500	1.60						
113	1560	13.12*	11600	1.90						
129	1360	11.46	11600	2.2						
154	1140	9.58	11500	2.5						
178	990	8.29	10900	1.55						
201	870	7.35	10800	1.75						
222	790	6.65	10700	1.95						
262	670	5.63	10400	2.3						
300	585	4.92	10200	2.6						
359	490	4.12	9890	3.0						

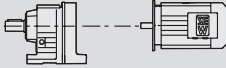
P _m = 22 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
10	20100	141.80*	93200	0.90	FA	157	DRN	180L4	790	429
12	17700	125.14	100900	1.00						
14	15400	108.49	107100	1.15						
15	13700	96.53*	106800	1.30						
17	12200	85.80*	105200	1.45						
19	11100	78.46	103900	1.60						
22	9710	68.28*	101600	1.85						
25	8570	60.25	99400	2.1						
28	7420	52.24	96800	2.4						
32	6610	46.48*	94600	2.7						
37	5690	40.06	91700	3.2	FAF	157	DRN	180L4	850	428
45	4620	32.55	87600	3.9						
15	14000	98.95	76400	0.85						
17	12400	87.31*	76300	0.95						
20	10700	75.41*	75700	1.10						
21	9960	70.07	75300	1.20						
23	9080	63.91	74600	1.30						
27	7860	55.31	73400	1.55						
30	6940	48.80	72200	1.75						
35	5990	42.15	70600	2.0						
25	8260	58.12*	45200	0.95	F	107	DRN	180L4	395	419
29	7210	50.73	45300	1.05						
34	6120	43.03	45100	1.25						
39	5340	37.61	44700	1.45	FF	107	DRN	180L4	415	418
46	4520	31.80	44000	1.70						
44	4800	33.79*	44300	1.55	F	107	DRN	180L4	410	417
54	3920	27.57	43300	2.0						
59	3570	25.14	42700	2.2						
68	3090	21.76*	41800	2.5						
77	2730	19.20*	40900	2.9						
					FF	107	DRN	180L4	440	418

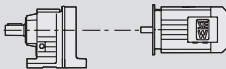
P_m = 22 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
54	3900	27.44*	18700	1.10	FA FAF F FF	97	DRN	180L4	315	414
59	3540	24.92	18900	1.20						
67	3140	22.11	19100	1.35						
74	2850	20.07	19200	1.50						
86	2450	17.25*	19100	1.75						
98	2140	15.06	19000	2.0						
116	1810	12.77	18700	2.4						
132	1580	11.16	18400	2.6						
69	3030	21.32*	9030	1.00	FA FAF F FF	87	DRN	180L4	255	409
76	2740	19.31	9460	1.10						
86	2430	17.12	9870	1.25						
95	2200	15.48	10100	1.35						
113	1860	13.12*	10400	1.60						
129	1620	11.46	10600	1.85						
154	1360	9.58	10600	2.1						
178	1170	8.29	10100	1.30						
201	1040	7.35	10100	1.45						
222	940	6.65	10000	1.60						
262	800	5.63	9890	1.90						
300	695	4.92	9740	2.2						
359	585	4.12	9490	2.5						

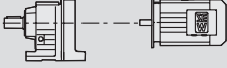
P_m = 30 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
14	21000	108.49	90100	0.85	FA FAF F FF	157	DRN	200L4	900	429
15	18600	96.53*	96900	0.95						
17	16600	85.80*	96400	1.10						
19	15100	78.46	95800	1.20						
22	13200	68.28*	94500	1.35						
25	11600	60.25	93200	1.55						
28	10100	52.24	91400	1.80						
32	8990	46.48*	89800	2.0	FA FAF F FF	127	DRN	200L4	650	424
37	7750	40.06	87600	2.3						
20	14500	75.41*	64600	0.80						
21	13500	70.07	65700	0.90						
23	12300	63.91	66800	0.95						
27	10700	55.31	66700	1.10						
30	9440	48.80	66300	1.25						
35	8150	42.15	65500	1.45						
40	7210	37.28	64600	1.65						
47	6060	31.33	63200	2.00						
58	4890	25.30	61100	2.4						
55	5200	26.86	61700	1.65	FA FAF F FF	127	DRN	200L4	640	424
60	4750	24.57	60800	1.80						
69	4130	21.38	59300	2.9						
78	3650	18.87	57900	3.0						
34	8320	43.03	39200	0.90	FA FAF F FF	107	DRN	200L4	500	419
39	7280	37.61	39600	1.05						
47	6150	31.80	39700	1.25						
54	5330	27.57	39500	1.45						
59	4860	25.14	39300	1.60	FA FAF F FF	107	DRN	200L4	495	419
68	4210	21.76*	38800	1.85						
77	3710	19.20*	38300	2.1						
89	3200	16.58	37500	2.4						
101	2830	14.67	36900	2.7						
120	2380	12.33	35800	2.9						
149	1920	9.96	34400	3.4						

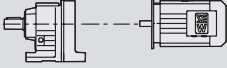
P _m = 30 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
67	4280	22.11	15100	1.00						
74	3880	20.07	15500	1.10						
86	3330	17.25*	16000	1.30						
98	2910	15.06	16300	1.50						
116	2470	12.77	16400	1.75						
133	2160	11.16	16400	1.90						
163	1750	9.06	15400	1.35						
180	1590	8.22	15300	1.50						
209	1360	7.07	15100	1.70						
240	1190	6.17	14900	1.90						
283	1010	5.23	14600	2.1						
324	880	4.57	14300	2.3						

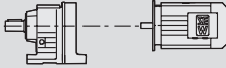
P _m = 37 kW																
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg							
17	20400	85.80*	88600	0.90												
19	18700	78.46	88700	0.95												
22	16200	68.28*	88400	1.10												
25	14300	60.25	87800	1.25												
28	12400	52.24	86700	1.45												
32	11000	46.48*	85600	1.60												
37	9550	40.06	83900	1.90												
46	7750	32.55	81300	2.3												
54	6580	27.60	79000	2.7												
27	13100	55.31	59200	0.90												
30	11600	48.80	60800	1.05												
35	10000	42.15	61100	1.20												
40	8880	37.28	60700	1.35												
47	7460	31.33	59900	1.60												
59	6030	25.30	58400	2.00												
55	6400	26.86	58900	1.35												
60	5850	24.57	58200	1.45												
69	5090	21.38	57000	2.4												
79	4490	18.87	55900	2.4												
91	3890	16.36	54500	2.8												
102	3460	14.55	53300	3.2												
118	2990	12.54	51800	3.3												
145	2420	10.19	49500	3.9												
167	2110	8.86	47700	3.3												
188	1870	7.88	46400	3.2												
54	6570	27.57	36200	1.20												
59	5990	25.14	36300	1.30												
68	5180	21.76*	36200	1.50												
77	4570	19.20*	36000	1.70												
89	3950	16.58	35600	2.00												
101	3490	14.67	35100	2.2												
120	2930	12.33	34300	2.4												
149	2370	9.96	33200	2.7												
153	2310	9.69	32400	2.1												
177	1990	8.37	31600	2.4												
200	1760	7.40	31000	2.6												
238	1480	6.22	30000	3.1												
						</										

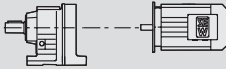
P_m = 45 kW

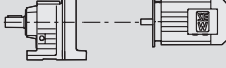
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
22	19700	68.28*	81400	0.90	FA FAF F FF	157	DRN	225M4	930	429
25	17400	60.25	81600	1.05						
28	15100	52.24	81300	1.20						
32	13400	46.48*	80800	1.35						
37	11600	40.06	79800	1.55						
46	9430	32.55	78000	1.90						
54	8000	27.60	76100	2.2	FA FAF F FF	127	DRN	225M4	680	424
30	14100	48.80	51600	0.85						
35	12200	42.15	54300	1.00						
40	10800	37.28	55800	1.10						
47	9080	31.33	56100	1.30						
59	7330	25.30	55400	1.65						
55	7780	26.86	55600	1.10	FA FAF F FF	127	DRN	225M4	670	424
60	7120	24.57	55200	1.20						
69	6190	21.38	54500	1.95						
79	5470	18.87	53600	2.0						
91	4740	16.36	52500	2.3						
102	4210	14.55	51600	2.6						
118	3630	12.54	50300	2.8	FA FAF F FF	107	DRN	225M4	530	419
145	2950	10.19	48300	3.2						
167	2560	8.86	46500	2.7						
188	2280	7.88	45400	2.6						
218	1970	6.80	44000	3.6						
268	1600	5.52	41900	3.8						
54	7990	27.57	31500	1.00	FA FAF F FF	107	DRN	225M4	550	418
59	7290	25.14	32600	1.10						
68	6300	21.76*	33200	1.25						
77	5560	19.20*	33300	1.40						
89	4800	16.58	33300	1.65						
101	4250	14.67	33100	1.80						
120	3570	12.33	32600	1.95	FA FAF F FF	107	DRN	225M4	540	417
149	2880	9.96	31900	2.2						
153	2810	9.69	30900	1.75						
177	2420	8.37	30400	2.00						
200	2140	7.40	29800	2.1						
238	1800	6.22	29000	2.6						

P_m = 55 kW

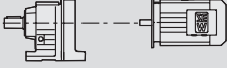
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
25	21300	60.25	73800	0.85	FA FAF F FF	157	DRN	250M4	1080	429
28	18500	52.24	74600	0.95						
32	16400	46.48*	74800	1.10						
37	14100	40.06	74700	1.25						
46	11500	32.55	73800	1.55						
54	9780	27.60	72600	1.85						
52	10100	28.60*	72900	1.70	FA FAF F FF	157	DRN	250M4	1080	429
58	9010	25.43	71900	1.65						
67	7850	22.16	70600	2.3						
75	7000	19.77	69400	2.4						
88	5970	16.85	67500	3.0						
40	13200	37.28	47000	0.90	FA FAF F FF	127	DRN	250M4	830	424
47	11100	31.33	50000	1.10						
59	8960	25.30	51600	1.35						

P _m = 55 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
69	7570	21.38	51300	1.60	FA FAF F FF	127 127 127 127	DRN DRN DRN DRN	250M4 250M4 250M4 250M4	820	424
79	6680	18.87	50800	1.65						
91	5790	16.36	50100	1.90						
102	5150	14.55	49400	2.1						
118	4440	12.54	48400	2.2						
145	3610	10.19	46800	2.6						
167	3140	8.86	45100	2.2						
188	2790	7.88	44100	2.2						
218	2400	6.80	42900	2.9						
268	1950	5.52	41000	3.1						
317	1650	4.68	39600	3.6						

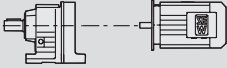
P _m = 75 kW																
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg							
32	22400	46.48*	62900	0.80	FA	157	DRN	280S4	1130	429						
37	19300	40.06	64400	0.95	FAF	157	DRN	280S4	1190	428						
46	15700	32.55	65400	1.15	F	157	DRN	280S4	1150	427						
54	13300	27.60	65500	1.35	FF	157	DRN	280S4	1260	428						
52	13800	28.60*	65500	1.25	FA FAF F FF	157	DRN	280S4	1130	429						
58	12200	25.43	65400	1.20												
67	10700	22.16	64900	1.70												
75	9550	19.77	64300	1.80												
88	8140	16.85	63200	2.2												
106	6740	13.96	61600	2.5	FA FAF F FF	127	DRN	280S4	880	424						
124	5750	11.92	60100	2.8												
59	12200	25.30	40000	1.00							FA	127	DRN	280S4	920	423
											FAF	127	DRN	280S4	910	422
											F	127	DRN	280S4	960	423
											FF	127	DRN	280S4		
69	10300	21.38	43000	1.15							FA FAF F FF	127	DRN	280S4	870	424
79	9110	18.87	44400	1.20												
91	7900	16.36	45200	1.40												
102	7030	14.55	45000	1.55												
118	6060	12.54	44600	1.65												
145	4920	10.19	43700	1.95												
167	4280	8.86	42200	1.65												
188	3800	7.88	41600	1.55												
218	3280	6.80	40700	2.1												
268	2660	5.52	39300	2.2												
317	2260	4.68	38100	2.6												

P _m = 90 kW										
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
46 54	18800	32.55	59100	0.95	FA	157	DRN	280M4	1250	429
					FAF	157	DRN	280M4	1310	428
					F	157	DRN	280M4	1270	427
		16000	27.60	60200	1.10	FF	157	DRN	280M4	1380
67 75 88 106 124	12800	22.16	60600	1.40	FA	157	DRN	280M4	1240	429
					FAF	157	DRN	280M4	1300	428
					F	157	DRN	280M4	1260	427
					FF	157	DRN	280M4	1370	428
		11400	19.77	60500	1.50					
59	9770	16.85	59900	1.85						
		8100	13.96	58900	2.1					
59	6910	11.92	57800	2.3						
		14600	25.30	29600	0.80					
59					FA	127	DRN	280M4	990	424
					FAF	127	DRN	280M4	1030	423
					F	127	DRN	280M4	1030	422
					FF	127	DRN	280M4	1070	423

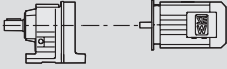
P_m = 90 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
91	9490	16.36	39900	1.15						
102	8440	14.55	41100	1.30						
118	7270	12.54	41800	1.35						
145	5910	10.19	41400	1.60	FA	127	DRN	280M4	980	424
167	5140	8.86	40100	1.35	FAF	127	DRN	280M4	1020	423
188	4570	7.88	39700	1.30	F	127	DRN	280M4	1020	422
218	3940	6.80	39000	1.80	FF	127	DRN	280M4	1060	423
268	3200	5.52	37900	1.85						
316	2710	4.68	36900	2.2						

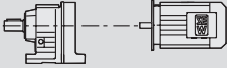
P_m = 110 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
54	19400	27.60	53100	0.90	FA	157	DRN	315S4	1490	429
					FAF	157	DRN	315S4	1550	428
					F	157	DRN	315S4	1510	427
					FF	157	DRN	315S4	1620	428
67	15600	22.16	54900	1.15	FA	157	DRN	315S4	1490	429
75	13900	19.77	55400	1.20	FAF	157	DRN	315S4	1550	428
88	11800	16.85	55600	1.50	F	157	DRN	315S4	1510	427
107	9850	13.96	55300	1.70	FF	157	DRN	315S4	1610	428
125	8410	11.92	54700	1.90						

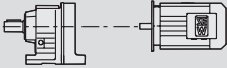
P_m = 132 kW

n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
67	18700	22.16	48700	0.95	FA	157	DRN	315M4	1510	429
75	16700	19.77	49800	1.00	FAF	157	DRN	315M4	1570	428
88	14200	16.85	50900	1.25	F	157	DRN	315M4	1530	427
107	11800	13.96	51400	1.45	FF	157	DRN	315M4	1630	428
125	10000	11.92	51400	1.60						

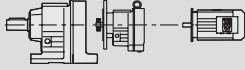
P_m = 160 kW

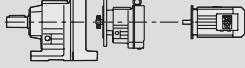
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
88	17300	16.85	44800	1.05	FA	157	DRN	315L4	1640	429
106	14300	13.96	46400	1.20	FAF	157	DRN	315L4	1700	428
125	12200	11.92	47100	1.30	F	157	DRN	315L4	1660	427
					FF	157	DRN	315L4	1770	428

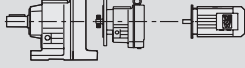
P_m = 200 kW

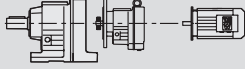
n _a rpm	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
88	21600	16.85	36200	0.85	FA	157	DRN	315H4	1760	429
					FAF	157	DRN	315H4	1820	428
					F	157	DRN	315H4	1780	427
					FF	157	DRN	315H4	1880	428
107	17900	13.96	39200	0.95	FA	157	DRN	315H4	1760	429
125	15200	11.92	41000	1.05	FAF	157	DRN	315H4	1820	428
					F	157	DRN	315H4	1780	427
					FF	157	DRN	315H4	1880	428

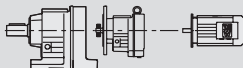
9.4 F..R..DRN.. selection tables for low output speeds in Nm

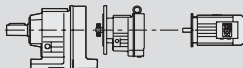
M_{a max} = 130 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.15	8972	4500	FA FAF F FF	27R17	DR	63S4	13	432
0.18	7736	4500						
0.19	7211	4500						
0.22	6303	4500						
0.25	5435	4500						
0.28	4855	4500						
0.33	4243	4500						
0.37	3715	4500						
0.43	3247	4500						
0.48	2878	4500						
0.55	2515	4500	FA FAF F FF	27R17	DR	63S4	14	432
0.62	2217	4500						
0.73	1898	4500						
0.84	1645	4500						
0.90	1525	4500						
1.0	1322	4500						
1.2	1146	4500						
1.4	1013	4500						
1.6	890	4500						
1.8	778	4500						
2.0	682	4500	FA FAF F FF	27R17	DR	63S4	13	432
2.3	602	4500						
2.6	520	4500						
3.0	458	4500						
3.5	397	4500						
4.0	342	4500						
4.6	302	4500						
5.2	266	4500						
5.8	236	4500						
6.5	211	4500						
7.4	186	4500	FA FAF F FF	27R17	DR	63S4	14	432
9.3	142	4500						
11	124	4500						
12	109	4500						
14	96	4500						
9.3	142	4500						
11	124	4500						
12	109	4500						
14	96	4500						
9.3	142	4500						
11	124	4500						
12	109	4500						
14	96	4500						

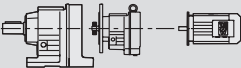
M_{a max} = 200 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.17	8193	4290	FA FAF F FF	37R17	DR	63S4	19	432
0.20	7064	4290						
0.21	6585	4290						
0.24	5756	4290						
0.28	4963	4290						
0.31	4434	4290						
0.36	3875	4290						
0.41	3392	4290						
0.47	2965	4290						
0.53	2587	4290						
0.60	2284	4290	FA FAF F FF	37R17	DR	63S4	20	432
0.69	1997	4290						
0.17	8193	4290						
0.20	7064	4290						
0.21	6585	4290						
0.24	5756	4290						
0.28	4963	4290						
0.31	4434	4290						
0.36	3875	4290						
0.41	3392	4290						
0.47	2965	4290	FA FAF F FF	37R17	DR	63S4	21	432
0.53	2587	4290						
0.60	2284	4290						
0.69	1997	4290						
0.17	8193	4290						
0.20	7064	4290						
0.21	6585	4290						
0.24	5756	4290						
0.28	4963	4290						
0.31	4434	4290						
0.36	3875	4290	FA FAF F FF	37R17	DR	63S4	22	432
0.41	3392	4290						
0.47	2965	4290						
0.53	2587	4290						
0.60	2284	4290						
0.69	1997	4290						
0.17	8193	4290						
0.20	7064	4290						
0.21	6585	4290						
0.24	5756	4290						
0.28	4963	4290						

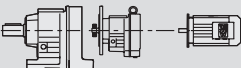
M_{a max} = 200 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.72	1929	4290	FA FAF F FF	37R17	DR	63S4	19	432
0.82	1679	4290						
0.89	1550	4290						
1.0	1356	4290						
1.2	1180	4290						
1.3	1044	4290						
1.5	914	4290						
1.7	808	4290						
2.0	698	4290						
2.2	616	4290						
2.5	544	4290						
3.0	466	4290						
3.4	411	4290						
3.8	364	4290						
4.2	326	4290	FA	37R17	DR	63S4	19	432
4.8	285	4290	FAF	37R17	DR	63S4	20	432
			F	37R17	DR	63S4	19	432
			FF	37R17	DR	63S4	21	432
5.3	250	4290	FA	37R17	DR	63M4	19	432
6.0	219	4290	FAF	37R17	DR	63M4	20	432
7.1	186	4290	F	37R17	DR	63M4	19	432
			FF	37R17	DR	63M4	21	432
7.8	167	4290	FA	37R17	DR	63L4	20	432
8.9	145	4290	FAF	37R17	DR	63L4	21	432
10	129	4290	F	37R17	DR	63L4	20	432
			FF	37R17	DR	63L4	22	432

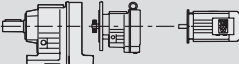
M_{a max} = 400 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.11	12251	5920	FA FAF F FF	47R17	DR	63S4	24	432
0.13	10619	5920						
0.14	9846	5920						
0.16	8534	5920						
0.19	7460	5920						
0.21	6536	5920						
0.24	5746	5920						
0.27	5022	5920						
0.31	4401	5920						
0.36	3883	5920						
0.40	3443	5920						
0.46	2976	5920						
0.52	2629	5920						
0.55	2519	5920	FA FAF F FF	47R17	DR	63S4	23	432
0.58	2394	5920						
0.64	2172	5920						
0.68	2025	5920						
0.78	1770	5920						
0.88	1576	5920						
1.0	1363	5920						
1.2	1192	5920						
1.3	1061	5920						
1.5	931	5920						
1.7	822	5920						
2.0	706	5920						
2.2	619	5920						
2.5	524	5920	FA	47R17	DR	63M4	23	432
2.7	489	5920	FAF	47R17	DR	63M4	26	432
3.1	427	5920	F	47R17	DR	63M4	24	432
3.5	381	5920	FF	47R17	DR	63M4	27	432
3.9	334	5920	FA	47R17	DR	63L4	24	432
4.4	295	5920	FAF	47R17	DR	63L4	26	432
5.1	253	5920	F	47R17	DR	63L4	25	432
			FF	47R17	DR	63L4	28	432

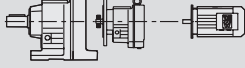
M_{a max} = 400 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
6.4	217	5920	FA	47R17	DRS	71S4	26	432
7.3	190	5920	FAF	47R17	DRS	71S4	28	432
7.8	178	5920	F	47R17	DRS	71S4	26	432
			FF	47R17	DRS	71S4	30	432
9.1	149	5920	FA	47R17	DRS	71M4	27	432
			FAF	47R17	DRS	71M4	30	432
10	131	5920	F	47R17	DRS	71M4	28	432
			FF	47R17	DRS	71M4	31	432

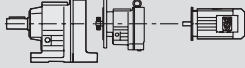
M_{a max} = 600 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.09	14832	9200						
0.10	13604	9200						
0.11	12602	9200						
0.12	11252	9200						
0.14	9986	9200						
0.16	8787	9200	FA	57R37	DR	63S4	39	432
0.17	7908	9200	FAF	57R37	DR	63S4	45	432
0.20	6913	9200	F	57R37	DR	63S4	39	432
0.23	6030	9200	FF	57R37	DR	63S4	46	432
0.26	5289	9200						
0.30	4654	9200						
0.34	4060	9200						
0.39	3564	9200						
0.44	3161	9200						
0.48	2854	9200						
0.54	2576	9200						
0.61	2266	9200						
0.69	2012	9200	FA	57R37	DR	63S4	39	432
0.77	1791	9200	FAF	57R37	DR	63S4	44	432
0.85	1617	9200	F	57R37	DR	63S4	39	432
0.97	1422	9200	FF	57R37	DR	63S4	45	432
1.1	1243	9200						
1.3	1066	9200						
1.4	949	9200						
1.6	856	9200						
1.8	749	9200	FA	57R37	DR	63M4	39	432
2.0	658	9200	FAF	57R37	DR	63M4	44	432
2.4	549	9200	F	57R37	DR	63M4	39	432
			FF	57R37	DR	63M4	45	432
2.7	483	9200	FA	57R37	DR	63L4	39	432
			FAF	57R37	DR	63L4	45	432
			F	57R37	DR	63L4	40	432
			FF	57R37	DR	63L4	46	432
3.0	426	9200	FA	57R37	DR	63L4	39	432
3.4	382	9200	FAF	57R37	DR	63L4	45	432
			F	57R37	DR	63L4	39	432
			FF	57R37	DR	63L4	46	432
4.2	330	9200	FA	57R37	DRS	71S4	41	432
4.6	298	9200	FAF	57R37	DRS	71S4	47	432
5.3	262	9200	F	57R37	DRS	71S4	41	432
			FF	57R37	DRS	71S4	48	432
6.0	226	9200	FA	57R37	DRS	71M4	42	432
6.8	200	9200	FAF	57R37	DRS	71M4	48	432
8.0	170	9200	F	57R37	DRS	71M4	42	432
			FF	57R37	DRS	71M4	49	432
9.4	152	9200	FA	57R37	DRN	80M4	47	432
11	134	9200	FAF	57R37	DRN	80M4	52	432
			F	57R37	DRN	80M4	47	432
			FF	57R37	DRN	80M4	54	432

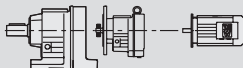
M _{a max} = 820 Nm								
n _a rpm	i	F _{Ra} ¹⁾ N					m kg	
0.07	19199	10300						
0.08	17610	10300						
0.09	14992	10300						
0.11	12926	10300						
0.12	11480	10300						
0.14	10220	10300						
0.15	8933	10300						
0.17	7940	10300						
0.19	7096	10300						
0.23	6080	10300						
0.26	5341	10300						
0.29	4690	10300						
0.34	4091	10300						
0.39	3574	10300						
0.44	3133	10300						
0.50	2756	10300						
0.57	2439	10300						
0.41	3377	10300						
0.47	2912	10300						
0.51	2714	10300						
0.58	2372	10300						
0.65	2126	10300						
0.85	1631	10300						
0.96	1437	10300						
1.1	1256	10300						
1.2	1126	10300	FA	67R37	DR	63M4	42	432
1.3	984	10300	FAF	67R37	DR	63M4	48	432
1.5	864	10300	F	67R37	DR	63M4	45	432
			FF	67R37	DR	63M4	51	432
1.8	722	10300	FA	67R37	DR	63L4	43	432
2.0	634	10300	FAF	67R37	DR	63L4	49	432
2.4	539	10300	F	67R37	DR	63L4	46	432
			FF	67R37	DR	63L4	52	432
0.73	1884	10300	FA	67R37	DR	63S4	43	432
			FAF	67R37	DR	63S4	49	432
			F	67R37	DR	63S4	46	432
			FF	67R37	DR	63S4	52	432
2.6	500	10300	FA	67R37	DR	63L4	42	432
			FAF	67R37	DR	63L4	49	432
			F	67R37	DR	63L4	45	432
			FF	67R37	DR	63L4	51	432
3.0	454	10300	FA	67R37	DRS	71S4	44	432
3.5	392	10300	FAF	67R37	DRS	71S4	51	432
			F	67R37	DRS	71S4	47	432
			FF	67R37	DRS	71S4	53	432
4.1	333	10300	FA	67R37	DRS	71M4	46	432
4.6	297	10300	FAF	67R37	DRS	71M4	52	432
5.2	261	10300	F	67R37	DRS	71M4	48	432
5.7	238	10300	FF	67R37	DRS	71M4	54	432
7.2	200	10300	FA	67R37	DRN	80M4	50	432
			FAF	67R37	DRN	80M4	57	432
			F	67R37	DRN	80M4	53	432
			FF	67R37	DRN	80M4	59	432

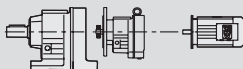
M _{a max} = 1500 Nm								
n _a rpm	i	F _{Ra} ¹⁾ N					m kg	
0.07	19180	15700						
0.08	17593	15700						
0.09	16128	15700						
0.09	14978	15700						
0.10	13731	15700						
0.11	12049	15700						
0.13	11035	15700						
0.14	9683	15700						
0.16	8464	15700						
0.18	7520	15700						
0.21	6580	15700						
0.24	5808	15700						
0.27	5026	15700						
0.31	4435	15700						
0.36	3832	15700						
0.46	2978	15700						
0.53	2613	15700						
0.60	2284	15700						
0.65	2029	15700	FA	77R37	DR	63M4	65	432
			FAF	77R37	DR	63M4	72	432
			F	77R37	DR	63M4	69	432
			FF	77R37	DR	63M4	80	432
0.76	1728	15700	FA	77R37	DR	63M4	65	432
			FAF	77R37	DR	63M4	72	432
			F	77R37	DR	63M4	69	432
			FF	77R37	DR	63M4	80	432
0.86	1544	15700	FA	77R37	DR	63M4	65	432
			FAF	77R37	DR	63M4	72	432
			F	77R37	DR	63M4	69	432
			FF	77R37	DR	63M4	80	432
0.98	1354	15700	FA	77R37	DR	63M4	65	432
			FAF	77R37	DR	63M4	72	432
			F	77R37	DR	63M4	69	432
			FF	77R37	DR	63M4	80	432
1.1	1200	15700	FA	77R37	DR	63L4	66	432
			FAF	77R37	DR	63L4	72	432
			F	77R37	DR	63L4	70	432
			FF	77R37	DR	63L4	80	432
1.2	1053	15700	FA	77R37	DR	63L4	66	432
			FAF	77R37	DR	63L4	72	432
			F	77R37	DR	63L4	70	432
			FF	77R37	DR	63L4	80	432
1.5	910	15700	FA	77R37	DRS	71S4	68	432
			FAF	77R37	DRS	71S4	74	432
			F	77R37	DRS	71S4	72	432
			FF	77R37	DRS	71S4	82	432
1.7	810	15700	FA	77R37	DRS	71S4	68	432
			FAF	77R37	DRS	71S4	74	432
			F	77R37	DRS	71S4	72	432
			FF	77R37	DRS	71S4	82	432
1.9	710	15700	FA	77R37	DRS	71S4	68	432
			FAF	77R37	DRS	71S4	74	432
			F	77R37	DRS	71S4	72	432
			FF	77R37	DRS	71S4	82	432
2.2	615	15700	FA	77R37	DRS	71M4	69	432
			FAF	77R37	DRS	71M4	76	432
			F	77R37	DRS	71M4	73	432
			FF	77R37	DRS	71M4	83	432
2.5	538	15700	FA	77R37	DRS	71M4	69	432
			FAF	77R37	DRS	71M4	76	432
			F	77R37	DRS	71M4	73	432
			FF	77R37	DRS	71M4	83	432
2.8	480	15700	FA	77R37	DRS	71M4	69	432
			FAF	77R37	DRS	71M4	76	432
			F	77R37	DRS	71M4	73	432
			FF	77R37	DRS	71M4	83	432
3.5	413	15700	FA	77R37	DRN	80M4	74	432
			FAF	77R37	DRN	80M4	80	432
			F	77R37	DRN	80M4	77	432
			FF	77R37	DRN	80M4	88	432
3.9	367	15700	FA	77R37	DRN	80M4	74	432
			FAF	77R37	DRN	80M4	80	432
			F	77R37	DRN	80M4	77	432
			FF	77R37	DRN	80M4	88	432
4.5	323	15700	FA	77R37	DRN	90S4	80	432
			FAF	77R37	DRN	90S4	86	432
			F	77R37	DRN	90S4	83	432
			FF	77R37	DRN	90S4	94	432

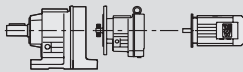
M _{a max} = 3000 Nm								
n _a rpm	i	F _{Ra} ¹⁾ N					m kg	
0.06	23042	19800						
0.07	20462	19800						
0.08	18238	19800						
0.09	15877	19800						
0.10	14099	19800						
0.11	12205	19800						
0.13	10433	19800						
0.15	9381	19800						
0.17	8142	19800						
0.19	7100	19800						
0.22	6273	19800						
0.25	5510	19800						
0.28	4954	19800						

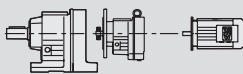
M_{a max} = 3000 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.31 0.35	4245	19800	FA	87R57	DR	63M4	120	432
	3721	19800	FAF	87R57	DR	63M4	130	432
			F	87R57	DR	63M4	125	432
			FF	87R57	DR	63M4	140	432
0.41 0.46	3244	19800	FA	87R57	DR	63M4	115	432
	2881	19800	FAF	87R57	DR	63M4	130	432
			F	87R57	DR	63M4	125	432
			FF	87R57	DR	63M4	140	432
0.50 0.59 0.67	2576	19800	FA	87R57	DR	63L4	120	432
	2199	19800	FAF	87R57	DR	63L4	130	432
			F	87R57	DR	63L4	125	432
			FF	87R57	DR	63L4	140	432
0.81 0.92	1709	19800	FA	87R57	DRS	71S4	120	432
	1493	19800	FAF	87R57	DRS	71S4	130	432
			F	87R57	DRS	71S4	125	432
			FF	87R57	DRS	71S4	140	432
1.0 1.2 1.4 1.5	1300	19800	FA	87R57	DRS	71M4	120	432
	1148	19800	FAF	87R57	DRS	71M4	135	432
	1010	19800	F	87R57	DRS	71M4	125	432
	887	19800	FF	87R57	DRS	71M4	140	432
1.8 2.1	780	19800	FA	87R57	DRN	80M4	125	432
	674	19800	FAF	87R57	DRN	80M4	140	432
			F	87R57	DRN	80M4	130	432
			FF	87R57	DRN	80M4	145	432
2.4 2.8 3.2	609	19800	FA	87R57	DRN	90S4	130	432
	515	19800	FAF	87R57	DRN	90S4	145	432
			F	87R57	DRN	90S4	140	432
			FF	87R57	DRN	90S4	155	432
4.2	345	19800	FA	87R57	DRN	90L4	135	432
			FAF	87R57	DRN	90L4	150	432
			F	87R57	DRN	90L4	140	432
			FF	87R57	DRN	90L4	155	432

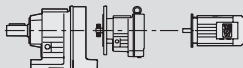
M_{a max} = 4300 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.07	20813	29900	FA FAF F FF	97R57	DR	63S4	185	432
0.08	18119	29900		97R57	DR	63S4	205	432
0.09	15472	29900		97R57	DR	63S4	190	432
0.10	14022	29900		97R57	DR	63S4	225	432
0.11	12324	29900		97R57	DR	63S4		
0.13	10838	29900		97R57	DR	63S4		
0.14	9576	29900		97R57	DR	63S4		
0.17	8318	29900		97R57	DR	63S4		
0.19	7328	29900		97R57	DR	63S4		
0.20	6469	29900	FA	97R57	DR	63M4	185	432
0.24	5615	29900	FAF	97R57	DR	63M4	205	432
0.27	4961	29900	F	97R57	DR	63M4	190	432
0.30	4333	29900	FF	97R57	DR	63M4	225	432
0.34	3906	29900	FA	97R57	DR	63M4	185	432
			FAF	97R57	DR	63M4	205	432
			F	97R57	DR	63M4	190	432
			FF	97R57	DR	63M4	225	432
0.39 0.45	3352	29900	FA	97R57	DR	63L4	185	432
	2907	29900	FAF	97R57	DR	63L4	205	432
			F	97R57	DR	63L4	190	432
			FF	97R57	DR	63L4	225	432
0.54 0.61 0.70	2553	29900	FA	97R57	DRS	71S4	185	432
	2245	29900	FAF	97R57	DRS	71S4	205	432
			F	97R57	DRS	71S4	190	432
			FF	97R57	DRS	71S4	225	432

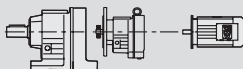
M_{a max} = 4300 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.79	1722	29900	FA	97R57	DRS	71M4	185	432
0.89	1527	29900	FAF	97R57	DRS	71M4	210	432
1.0	1327	29900	F	97R57	DRS	71M4	195	432
			FF	97R57	DRS	71M4	225	432
1.2	1171	29900	FA	97R57	DRN	80M4	190	432
			FAF	97R57	DRN	80M4	215	432
1.4	1022	29900	F	97R57	DRN	80M4	200	432
			FF	97R57	DRN	80M4	230	432
1.6	898	29900	FA	97R57	DRN	90S4	195	432
			FAF	97R57	DRN	90S4	220	432
1.8	784	29900	F	97R57	DRN	90S4	205	432
2.1	690	29900	FF	97R57	DRN	90S4	240	432
2.4	605	29900	FA	97R57	DRN	90L4	200	432
			FAF	97R57	DRN	90L4	220	432
2.8	529	29900	F	97R57	DRN	90L4	210	432
			FF	97R57	DRN	90L4	240	432
3.1	467	29900	FA	97R57	DRN	100LS4	205	432
			FAF	97R57	DRN	100LS4	225	432
3.6	406	29900	F	97R57	DRN	100LS4	210	432
4.0	363	29900	FF	97R57	DRN	100LS4	245	432
5.1	285	29900	FA	97R57	DRN	100L4	210	432
			FAF	97R57	DRN	100L4	235	432
6.0	245	29900	F	97R57	DRN	100L4	220	432
			FF	97R57	DRN	100L4	250	432

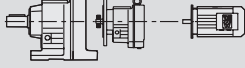
M_{a max} = 7680 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.05	25375	49800	FA	107R77	DR	63S4	275	432
0.06	21652	49800	FAF	107R77	DR	63S4	295	432
0.07	18933	49800	F	107R77	DR	63S4	290	432
0.08	16888	49800	FF	107R77	DR	63S4	320	432
0.09	14767	49800						
0.12	11348	49800	FA	107R77	DR	63M4	275	432
0.13	10039	49800	FAF	107R77	DR	63M4	295	432
0.15	8548	49800	F	107R77	DR	63M4	290	432
0.17	7674	49800	FF	107R77	DR	63M4	320	432
0.19	6767	49800	FA	107R77	DR	63L4	275	432
0.22	5954	49800	FAF	107R77	DR	63L4	295	432
0.25	5223	49800	F	107R77	DR	63L4	290	432
			FF	107R77	DR	63L4	320	432
0.30	4567	49800	FA	107R77	DRS	71S4	275	432
			FAF	107R77	DRS	71S4	300	432
0.39	3521	49800	F	107R77	DRS	71S4	295	432
			FF	107R77	DRS	71S4	320	432
0.45	3037	49800	FA	107R77	DRS	71M4	275	432
0.49	2756	49800	FAF	107R77	DRS	71M4	300	432
0.57	2369	49800	F	107R77	DRS	71M4	295	432
			FF	107R77	DRS	71M4	320	432
0.70	2068	49800	FA	107R77	DRN	80M4	280	432
			FAF	107R77	DRN	80M4	305	432
0.79	1826	49800	F	107R77	DRN	80M4	300	432
			FF	107R77	DRN	80M4	325	432
0.91	1597	49800	FA	107R77	DRN	90S4	285	432
			FAF	107R77	DRN	90S4	310	432
1.0	1401	49800	F	107R77	DRN	90S4	305	432
1.2	1243	49800	FF	107R77	DRN	90S4	330	432
1.3	1087	49800	FA	107R77	DRN	90L4	290	432
			FAF	107R77	DRN	90L4	310	432
1.5	950	49800	F	107R77	DRN	90L4	305	432
			FF	107R77	DRN	90L4	335	432

M_{a max} = 7680 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
1.7	834	49800	FA	107R77	DRN	100LS4	295	432
2.0	736	49800	FAF	107R77	DRN	100LS4	315	432
2.3	640	49800	F	107R77	DRN	100LS4	310	432
			FF	107R77	DRN	100LS4	340	432
2.6	560	49800	FA	107R77	DRN	100L4	300	432
3.0	489	49800	FAF	107R77	DRN	100L4	325	432
3.3	436	49800	F	107R77	DRN	100L4	320	432
			FF	107R77	DRN	100L4	345	432
4.0	370	49800	FA	107R77	DRN	112M4	310	432
4.4	333	49800	FAF	107R77	DRN	112M4	330	432
			F	107R77	DRN	112M4	325	432
			FF	107R77	DRN	112M4	355	432

M_{a max} = 12000 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.06	24478	90000	FA	127R77	DR	63S4	425	432
0.06	22323	90000	FAF	127R77	DR	63S4	465	432
			F	127R77	DR	63S4	460	432
			FF	127R77	DR	63S4	510	432
0.07	19048	90000	FA	127R77	DR	63M4	425	432
0.08	16656	90000	FAF	127R77	DR	63M4	465	432
0.09	14722	90000	F	127R77	DR	63M4	460	432
0.10	12912	90000	FF	127R77	DR	63M4	510	432
0.11	11656	90000						
0.13	10191	90000	FA	127R77	DR	63L4	425	432
0.15	8831	90000	FAF	127R77	DR	63L4	465	432
			F	127R77	DR	63L4	465	432
			FF	127R77	DR	63L4	510	432
0.18	7643	90000	FA	127R77	DRS	71S4	430	432
0.21	6715	90000	FAF	127R77	DRS	71S4	465	432
0.23	5925	90000	F	127R77	DRS	71S4	465	432
			FF	127R77	DRS	71S4	510	432
0.26	5153	90000	FA	127R77	DRS	71M4	430	432
0.30	4533	90000	FAF	127R77	DRS	71M4	465	432
0.35	3926	90000	F	127R77	DRS	71M4	465	432
			FF	127R77	DRS	71M4	510	432
0.42	3454	90000	FA	127R77	DRN	80M4	435	432
0.48	3031	90000	FAF	127R77	DRN	80M4	470	432
			F	127R77	DRN	80M4	470	432
			FF	127R77	DRN	80M4	520	432
0.54	2672	90000	FA	127R77	DRN	80M4	435	432
			FAF	127R77	DRN	80M4	470	432
			F	127R77	DRN	80M4	470	432
			FF	127R77	DRN	80M4	510	432
0.62	2357	90000	FA	127R77	DRN	90S4	440	432
0.71	2038	90000	FAF	127R77	DRN	90S4	475	432
			F	127R77	DRN	90S4	475	432
			FF	127R77	DRN	90S4	520	432
0.82	1784	90000	FA	127R77	DRN	90L4	440	432
0.91	1606	90000	FAF	127R77	DRN	90L4	480	432
1.0	1390	90000	F	127R77	DRN	90L4	480	432
			FF	127R77	DRN	90L4	520	432
1.2	1220	90000	FA	127R77	DRN	100LS4	445	432
1.4	1077	90000	FAF	127R77	DRN	100LS4	485	432
1.6	930	90000	F	127R77	DRN	100LS4	480	432
			FF	127R77	DRN	100LS4	530	432
1.8	820	90000	FA	127R77	DRN	100L4	455	432
2.0	727	90000	FAF	127R77	DRN	100L4	490	432
			F	127R77	DRN	100L4	490	432
			FF	127R77	DRN	100L4	530	432

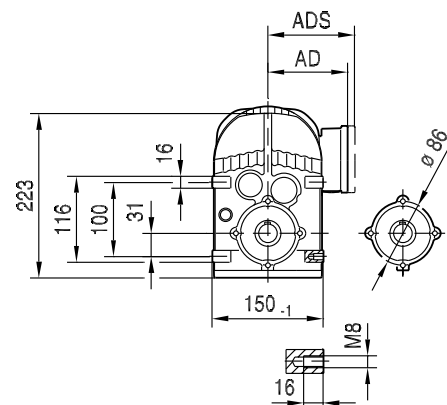
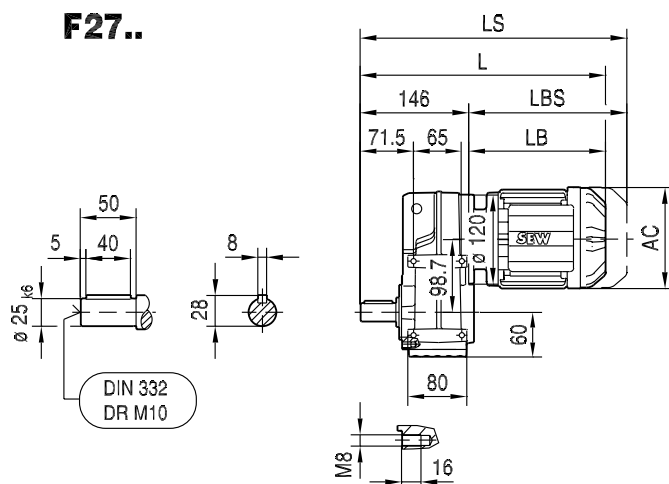
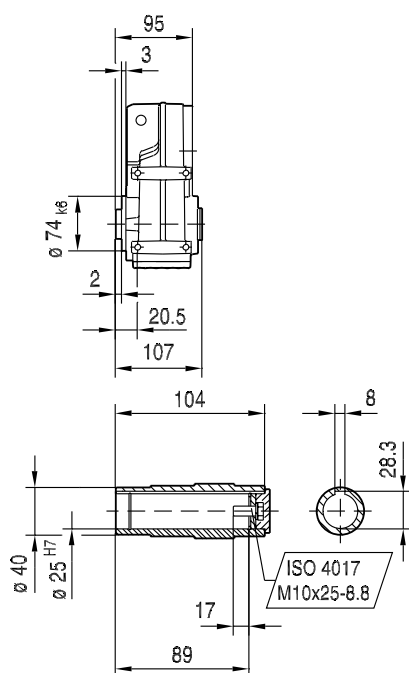
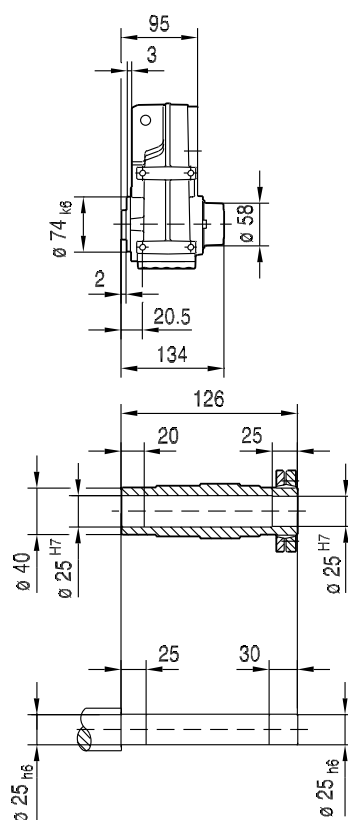
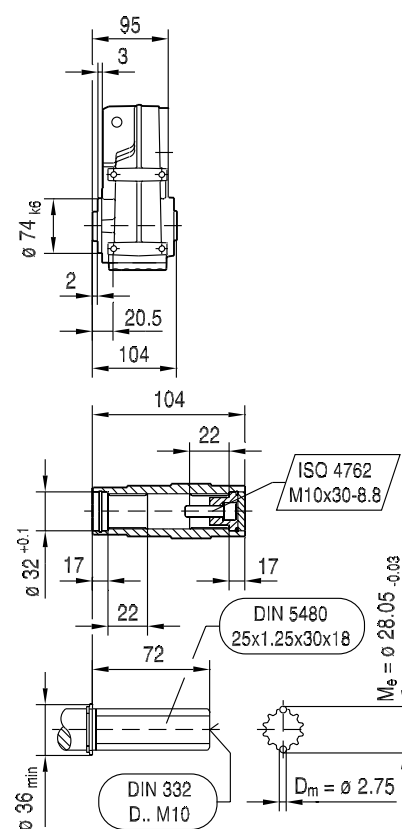
M_{a max} = 12000 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
2.3	648	90000	FA	127R77	DRN	112M4	460	432
2.7	549	90000	FAF	127R77	DRN	112M4	500	432
3.0	495	90000	F	127R77	DRN	112M4	500	432
			FF	127R77	DRN	112M4	540	432
3.4	428	90000	FA	127R77	DRN	132S4	475	432
			FAF	127R77	DRN	132S4	510	432
3.9	376	90000	F	127R77	DRN	132S4	510	432
			FF	127R77	DRN	132S4	550	432
3.0	483	90000	FA	127R87	DRN	132S4	495	432
3.5	418	90000	FAF	127R87	DRN	132S4	530	432
3.9	374	90000	F	127R87	DRN	132S4	530	432
			FF	127R87	DRN	132S4	570	432
4.7	312	90000	FA	127R87	DRN	132M4	510	432
			FAF	127R87	DRN	132M4	550	432
5.0	293	90000	F	127R87	DRN	132M4	550	432
			FF	127R87	DRN	132M4	590	432
5.7	259	90000	FA	127R87	DRN	132L4	520	432
			FAF	127R87	DRN	132L4	560	432
6.6	223	90000	F	127R87	DRN	132L4	560	432
			FF	127R87	DRN	132L4	600	432
7.5	198	90000	FA	127R87	DRN	160M4	550	432
			FAF	127R87	DRN	160M4	590	432
			F	127R87	DRN	160M4	590	432
			FF	127R87	DRN	160M4	630	432

M_{a max} = 18000 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
0.04	31434	100300						
0.05	26173	100300						
0.06	23464	100300	FA	157R97	DRS	71M4	770	432
0.07	20212	100300	FAF	157R97	DRS	71M4	830	432
0.08	17984	100300	F	157R97	DRS	71M4	790	432
0.08	16358	100300	FF	157R97	DRS	71M4	900	432
0.10	13751	100300						
0.11	12235	100300						
0.14	10033	100300	FA	157R97	DRN	80M4	770	432
			FAF	157R97	DRN	80M4	830	432
0.16	9021	100300	F	157R97	DRN	80M4	790	432
0.18	8026	100300	FF	157R97	DRN	80M4	900	432
0.19	7075	100300	FA	157R97	DRS	71M4	770	432
			FAF	157R97	DRS	71M4	830	432
0.22	6295	100300	F	157R97	DRS	71M4	790	432
			FF	157R97	DRS	71M4	900	432
0.27	5404	100300	FA	157R97	DRN	80M4	770	432
			FAF	157R97	DRN	80M4	830	432
0.30	4831	100300	F	157R97	DRN	80M4	790	432
			FF	157R97	DRN	80M4	900	432
0.35	4130	100300	FA	157R97	DRN	90S4	780	432
			FAF	157R97	DRN	90S4	840	432
			F	157R97	DRN	90S4	800	432
			FF	157R97	DRN	90S4	900	432
0.40	3607	100300	FA	157R97	DRN	100LS4	780	432
			FAF	157R97	DRN	100LS4	840	432
0.45	3210	100300	F	157R97	DRN	100LS4	810	432
			FF	157R97	DRN	100LS4	910	432
0.53	2780	100300	FA	157R97	DRN	90L4	780	432
			FAF	157R97	DRN	90L4	840	432
			F	157R97	DRN	90L4	800	432
			FF	157R97	DRN	90L4	910	432

M_{a max} = 18000 Nm								
n_a rpm	i	F_{Ra}¹⁾ N					m kg	
1.0	1441	100300	FA	157R97	DRN	100LS4	780	432
			FAF	157R97	DRN	100LS4	840	432
			F	157R97	DRN	100LS4	810	432
			FF	157R97	DRN	100LS4	910	432
0.60 0.67	2427 2185	100300	FA	157R97	DRN	90L4	780	432
			FAF	157R97	DRN	90L4	840	432
			F	157R97	DRN	90L4	800	432
			FF	157R97	DRN	90L4	900	432
0.75 0.87	1944 1674	100300	FA	157R97	DRN	100LS4	780	432
			FAF	157R97	DRN	100LS4	840	432
			F	157R97	DRN	100LS4	800	432
			FF	157R97	DRN	100LS4	910	432
1.1 1.2	1308 1169	100300	FA	157R97	DRN	100L4	790	432
			FAF	157R97	DRN	100L4	850	432
			F	157R97	DRN	100L4	810	432
			FF	157R97	DRN	100L4	920	432
1.5 1.7 1.9	953 845 764	100300 100300 100300	FA	157R97	DRN	112M4	800	432
			FAF	157R97	DRN	112M4	860	432
			F	157R97	DRN	112M4	820	432
			FF	157R97	DRN	112M4	920	432
2.2 2.5	680 576	100300 100300	FA	157R97	DRN	132S4	810	432
			FAF	157R97	DRN	132S4	870	432
			F	157R97	DRN	132S4	830	432
			FF	157R97	DRN	132S4	940	432
2.9 3.3	503 446	100300 100300	FA	157R97	DRN	132M4	830	432
			FAF	157R97	DRN	132M4	890	432
			F	157R97	DRN	132M4	850	432
			FF	157R97	DRN	132M4	950	432
4.2	353	100300	FA	157R97	DRN	132L4	840	432
			FAF	157R97	DRN	132L4	890	432
			F	157R97	DRN	132L4	860	432
			FF	157R97	DRN	132L4	960	432
4.9 5.4	302 273	100300 100300	FA	157R97	DRN	160M4	870	432
			FAF	157R97	DRN	160M4	930	432
			F	157R97	DRN	160M4	890	432
			FF	157R97	DRN	160M4	1000	432
6.4 7.3	232 202	100300 100300	FA	157R97	DRN	160L4	880	432
			FAF	157R97	DRN	160L4	940	432
			F	157R97	DRN	160L4	900	432
			FF	157R97	DRN	160L4	1010	432
7.5	197	100300	FA	157R97	DRN	180M4	910	432
			FAF	157R97	DRN	180M4	960	432
			F	157R97	DRN	180M4	930	432
			FF	157R97	DRN	180M4	1030	432

9.5 F..DRN.. dimension sheets in mm

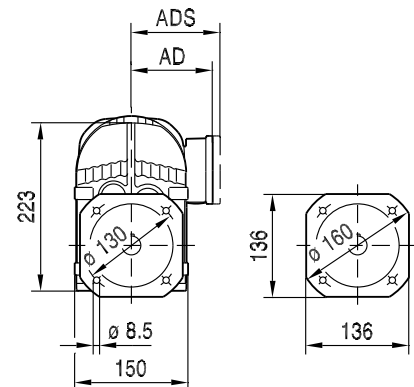
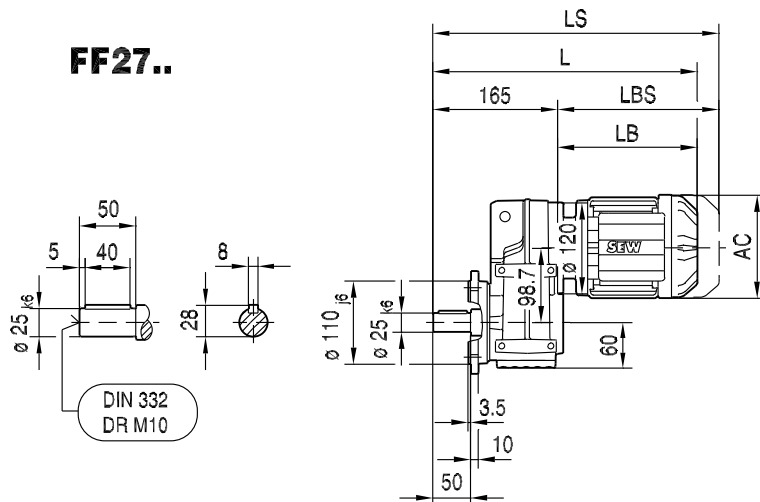
42 020 00 14

F27..**FA27B..****FH27B..**
max. DR71..**FV27B..**

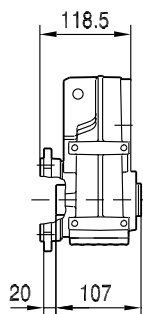
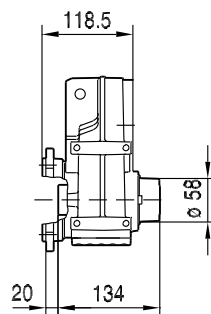
(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L		
AC	132	139	139	156	179	179		
AD	105	119	119	128	140	140		
ADS	105	129	129	139	150	150		
L	337	348	373	428	429	461		
LS	392	416	441	509	523	555		
LB	191	202	227	282	283	315		
LBS	246	270	295	363	377	409		

42 021 00 14

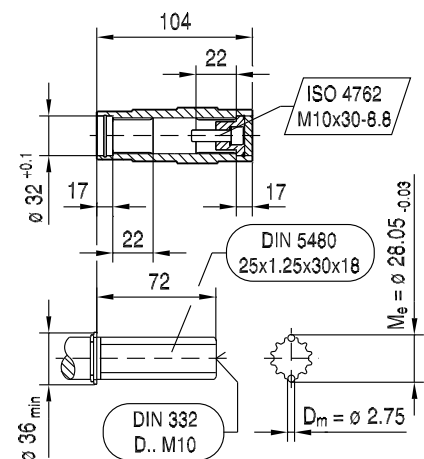
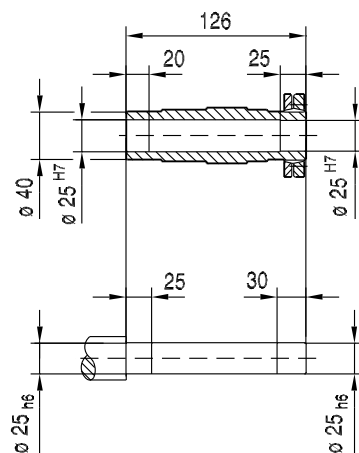
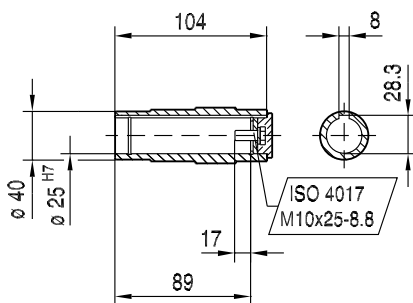
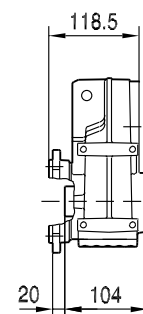
FF27..



FAF27..


FHF27..
max. DR71..


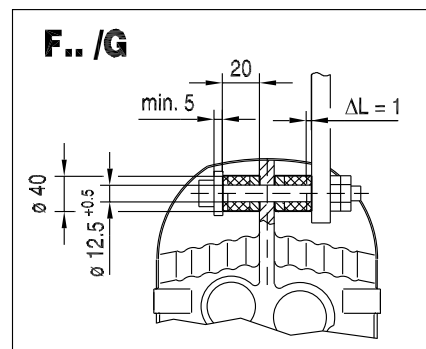
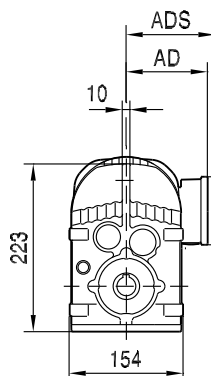
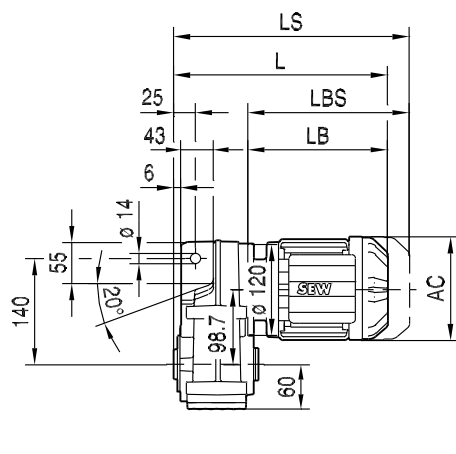
FVF27..



(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L		
AC	132	139	139	156	179	179		
AD	105	119	119	128	140	140		
ADS	105	129	129	139	150	150		
L	356	367	392	447	448	480		
LS	411	435	460	528	542	574		
LB	191	202	227	282	283	315		
LBS	246	270	295	363	377	409		

FA27..

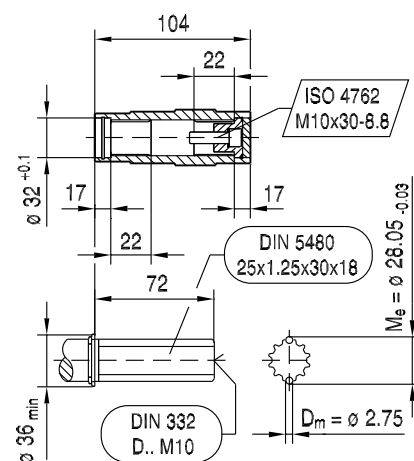
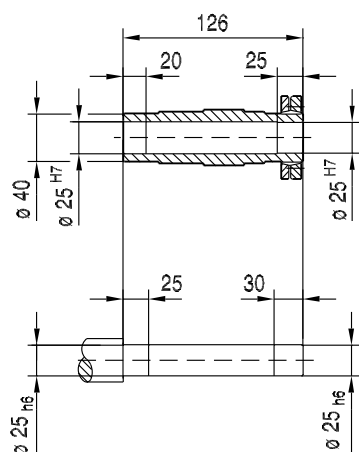
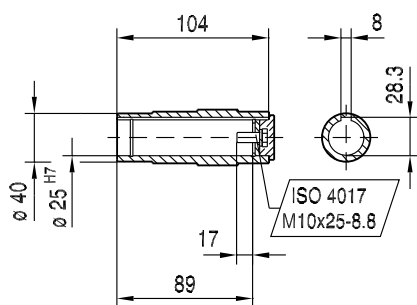
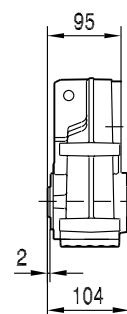
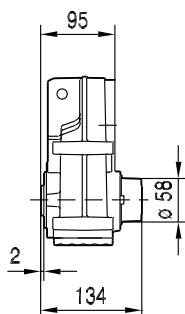
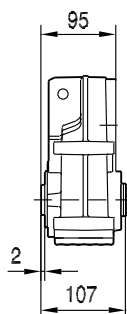
42 022 00 14



FA27..

FH27.. max. DR71..

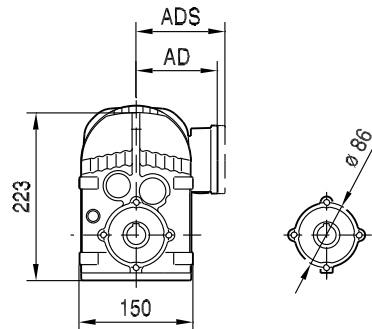
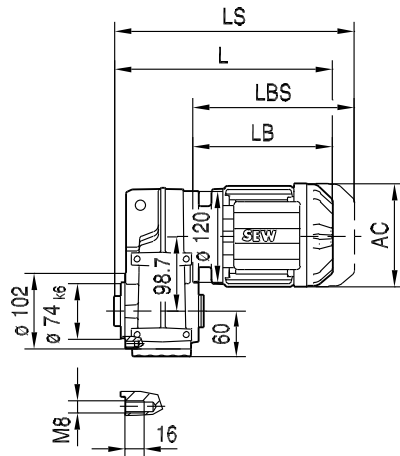
FV27..



(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L		
AC	132	139	139	156	179	179		
AD	105	119	119	128	140	140		
ADS	105	129	129	139	150	150		
L	286	297	322	377	378	410		
LS	341	365	390	458	472	504		
LB	191	202	227	282	283	315		
LBS	246	270	295	363	377	409		

FAZ27..

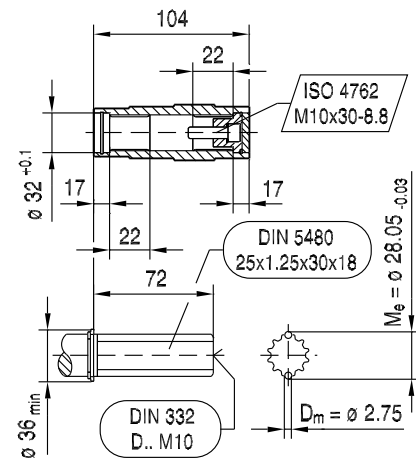
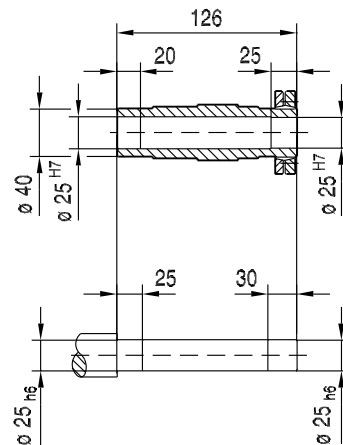
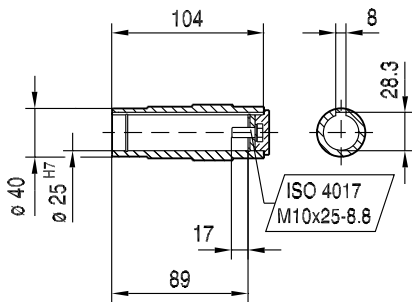
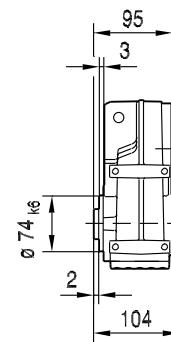
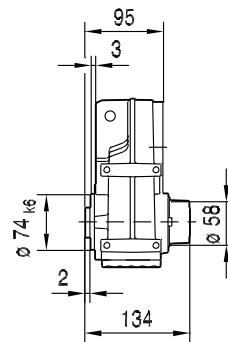
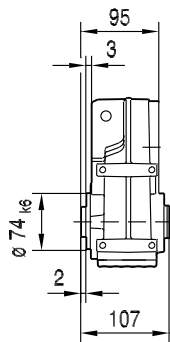
42 023 00 14



FAZ27..

FHZ27..
max. DR71..

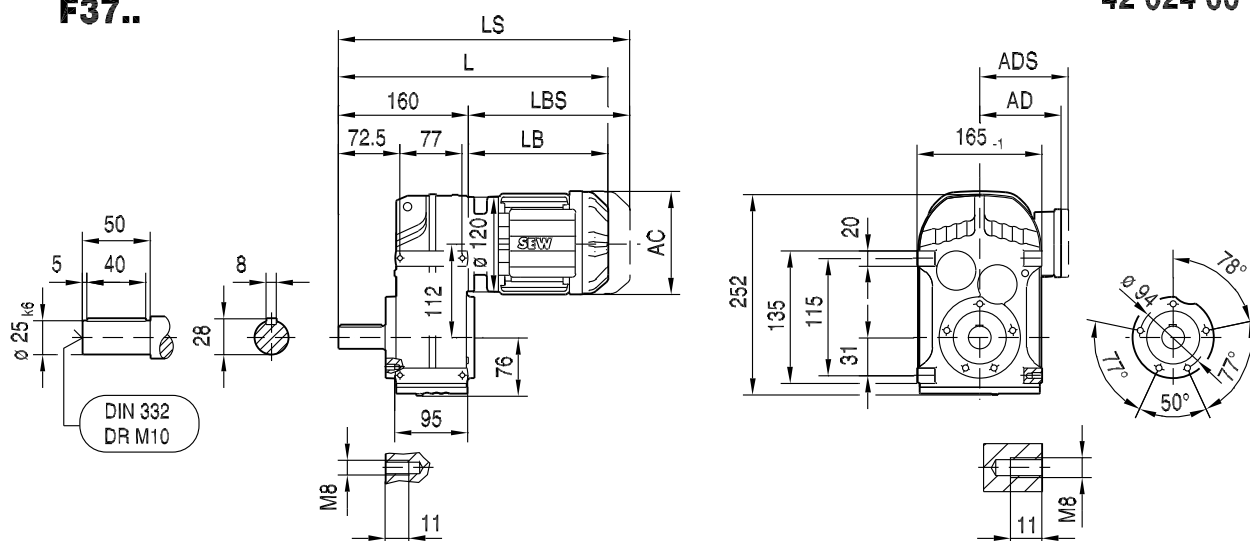
FVZ27..



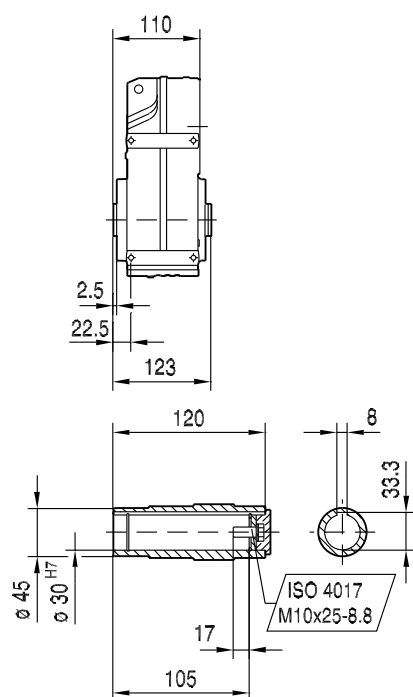
(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L		
AC	132	139	139	156	179	179		
AD	105	119	119	128	140	140		
ADS	105	129	129	139	150	150		
L	286	297	322	377	378	410		
LS	341	365	390	458	472	504		
LB	191	202	227	282	283	315		
LBS	246	270	295	363	377	409		

42 024 00 14

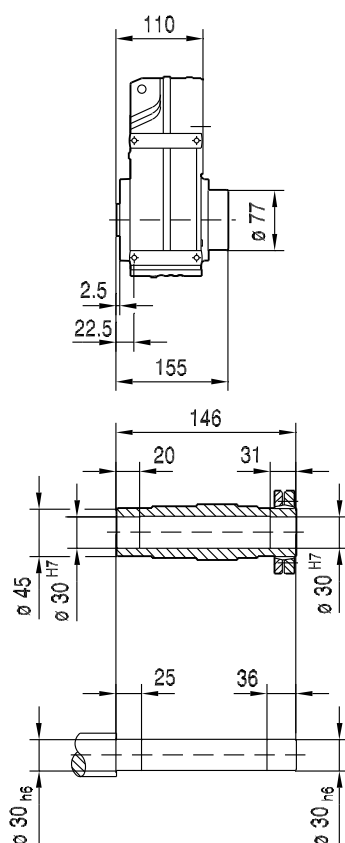
F37..



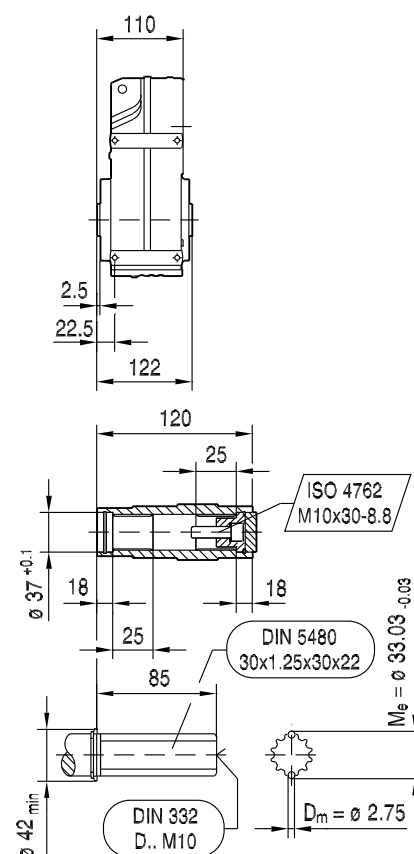
FA37B..



FH37B..



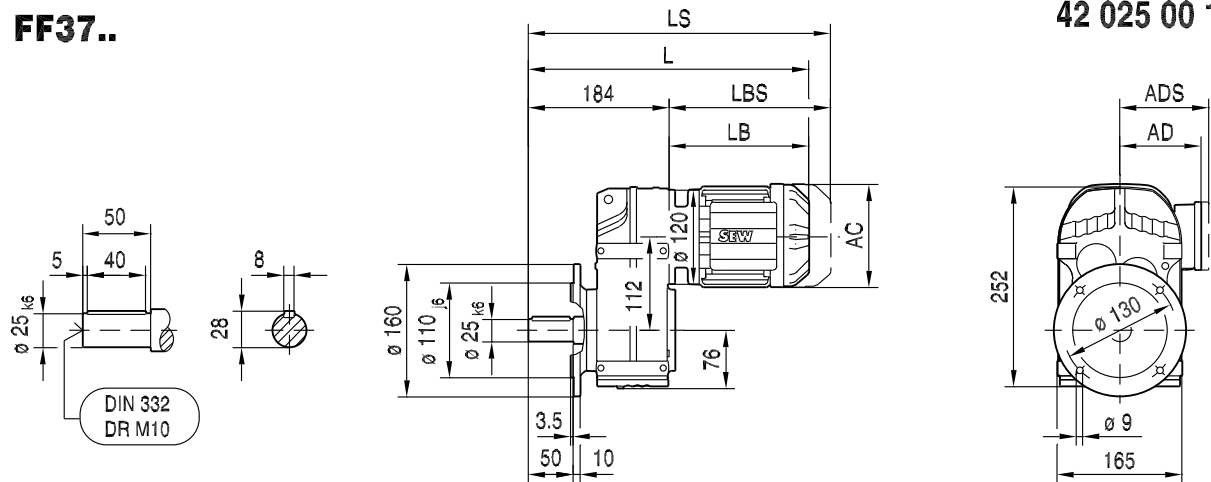
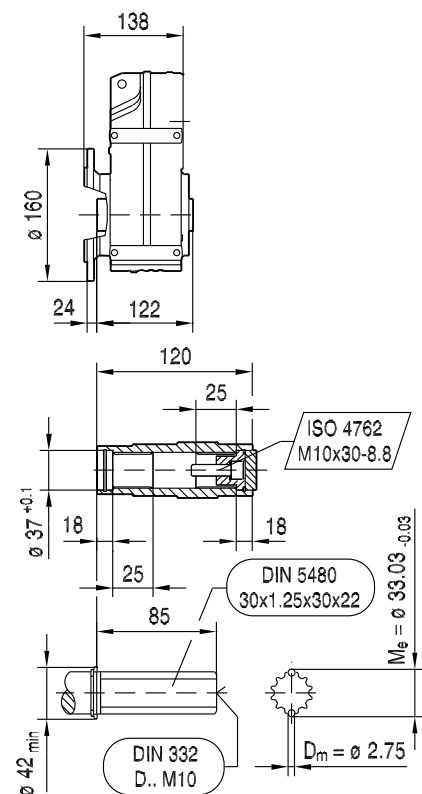
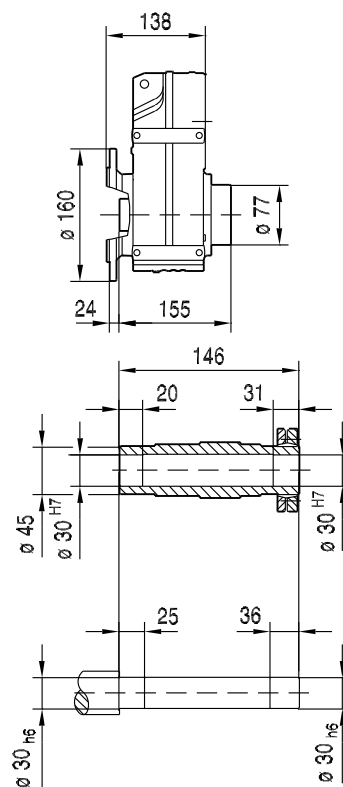
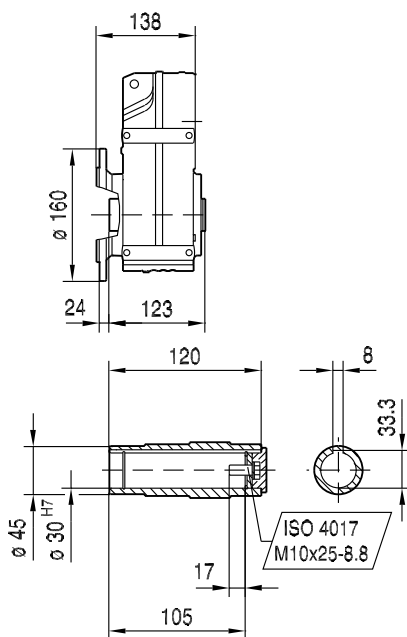
FV37B..



(→ 📄 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
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	351	362	387	442	443	475	474	524
LS	406	430	455	523	537	569	568	618
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

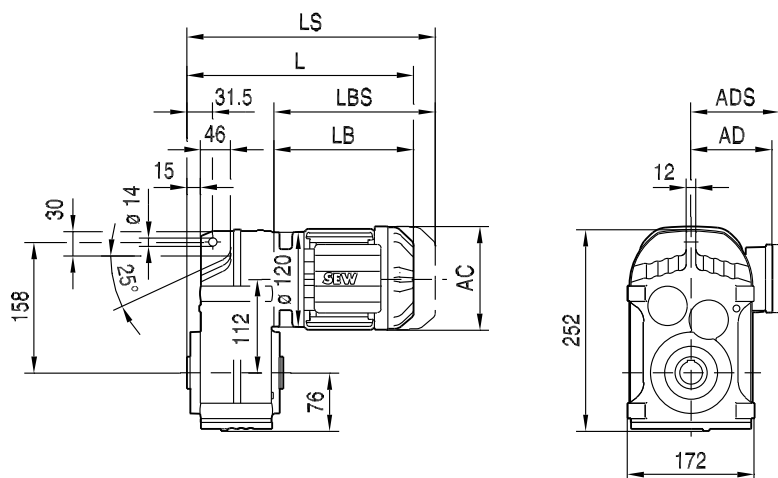
FF37..

42 025 00 14


FAF37..
FHF37..
FVF37..


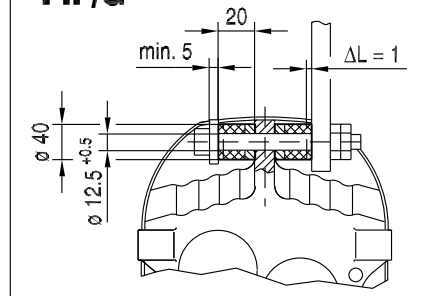
(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	375	386	411	466	467	499	498	548
LS	430	454	479	547	561	593	592	642
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

FA37..

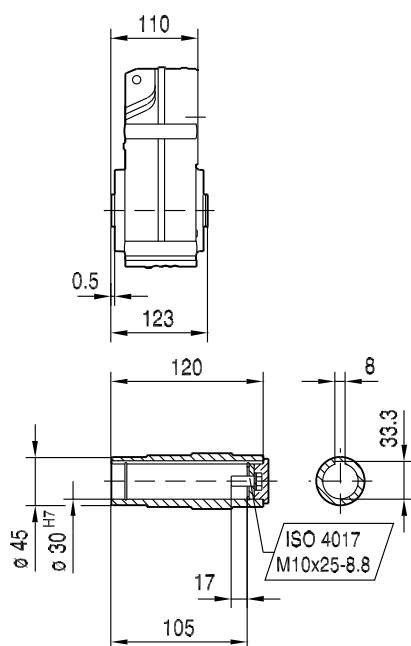


42 026 00 14

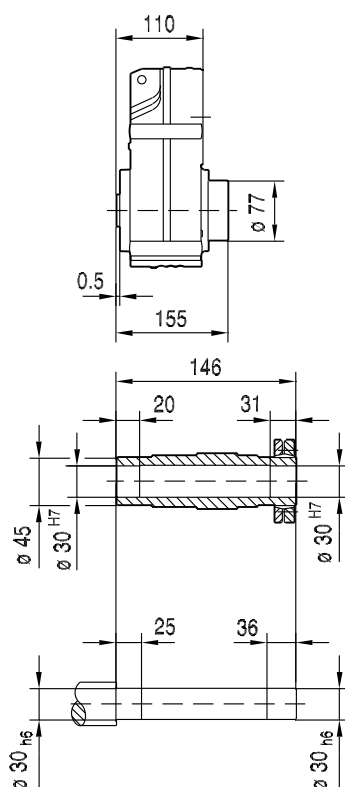
F.. /G



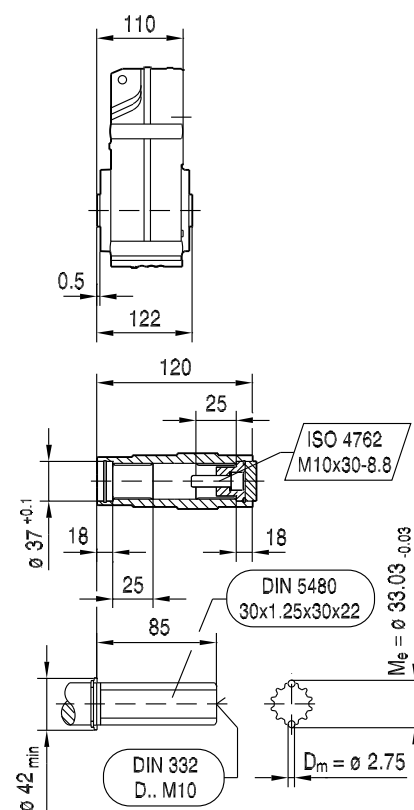
FA37..



FH37..



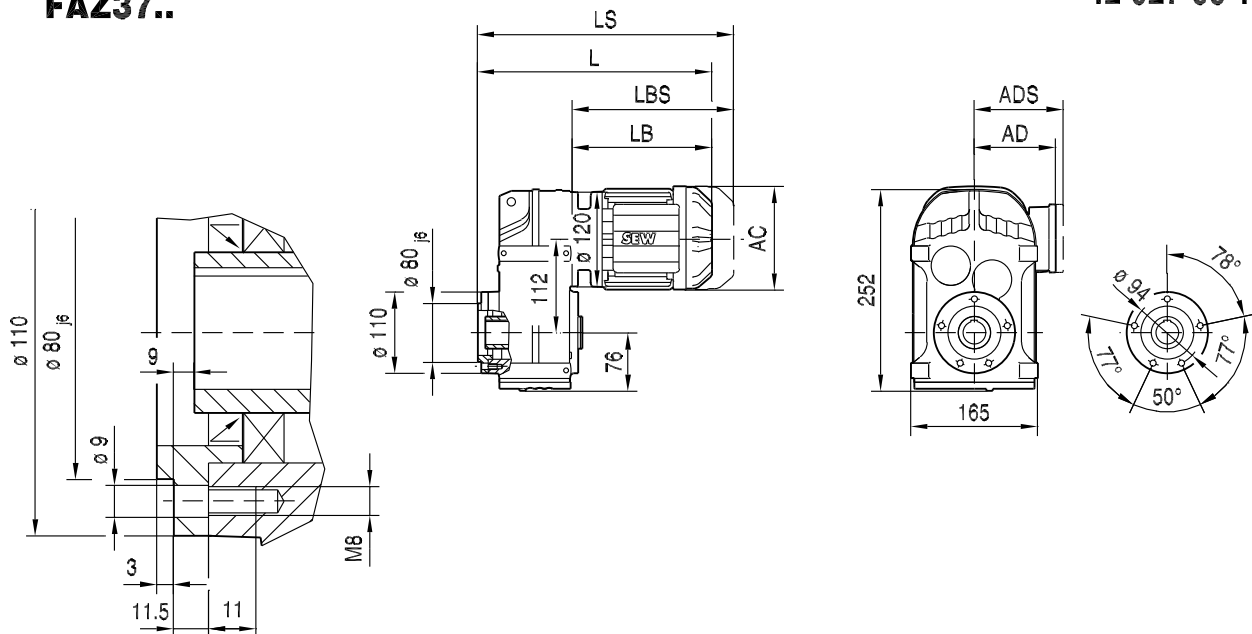
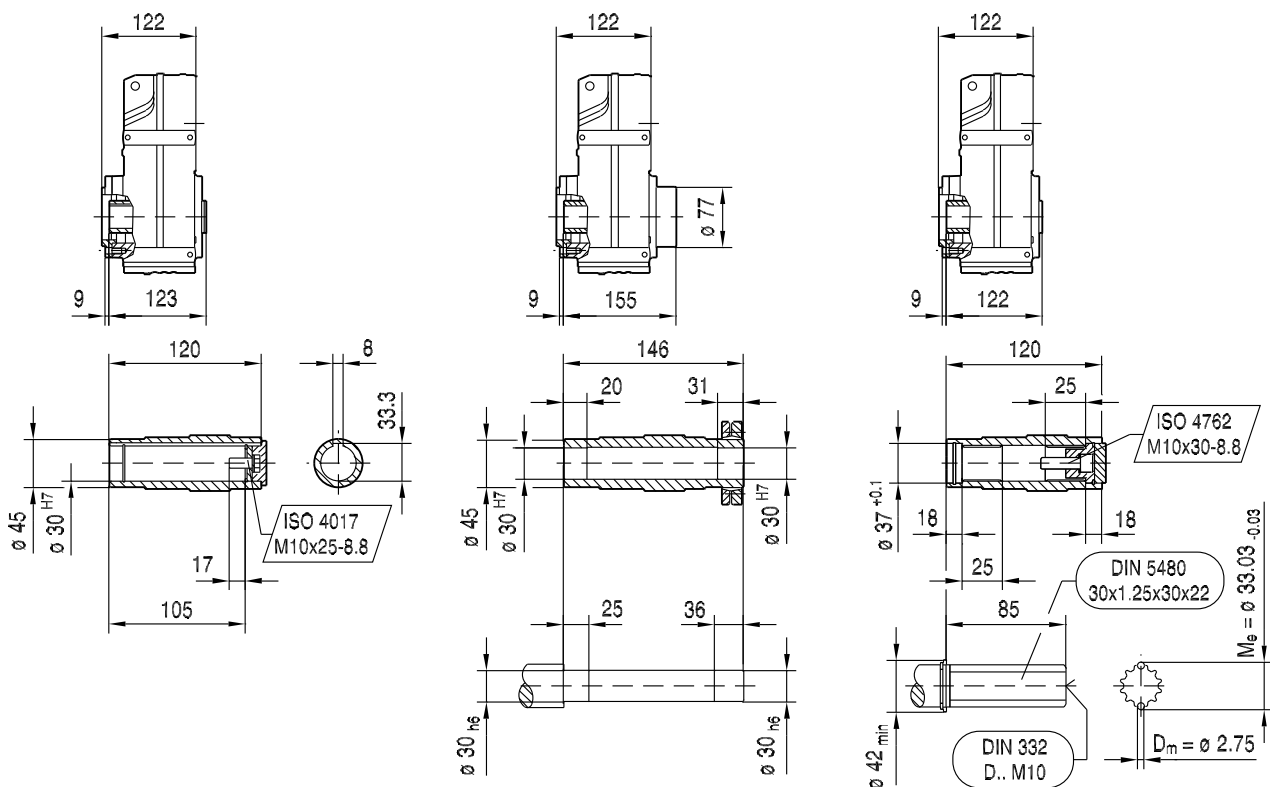
FV37..



(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
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	301	312	337	392	393	425	424	474
LS	356	380	405	473	487	519	518	568
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

FAZ37..

42 027 00 14


FAZ37..
FHZ37..
FVZ37..


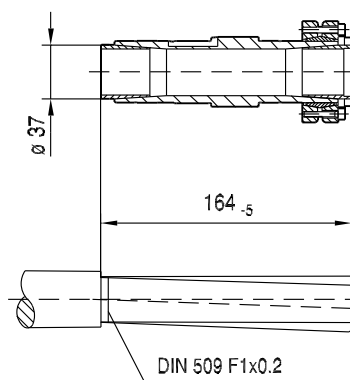
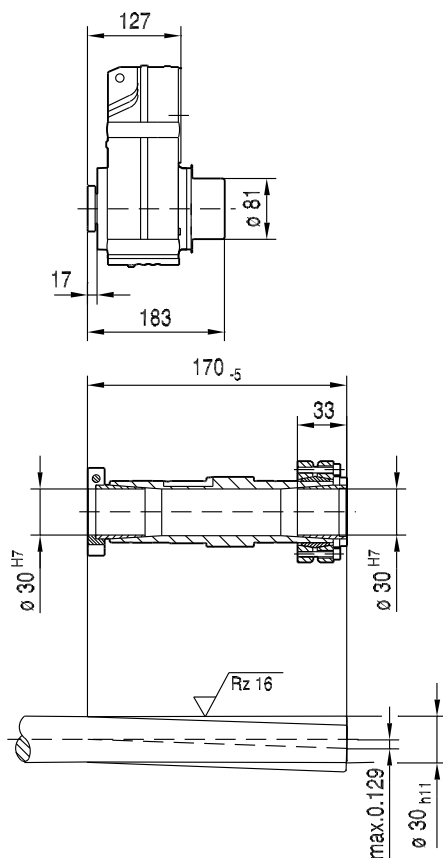
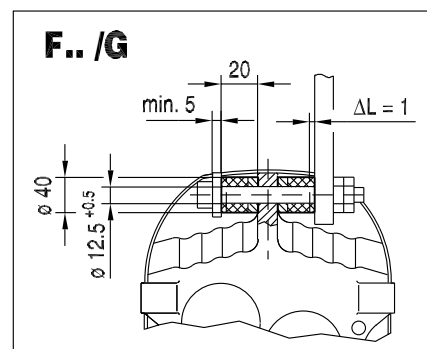
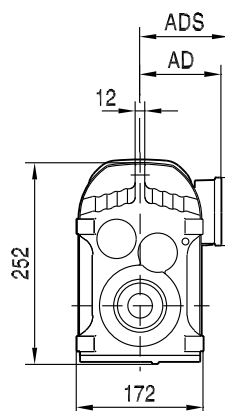
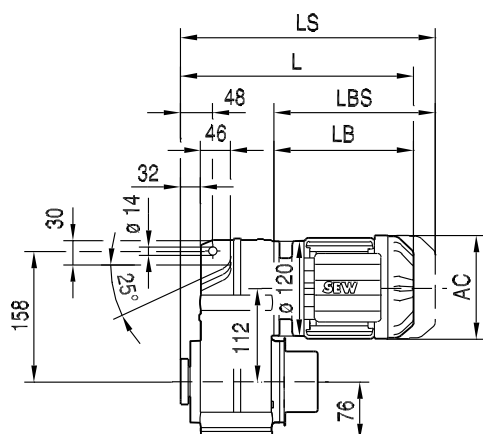
(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	313	324	349	404	405	437	436	486
LS	368	392	417	485	499	531	530	580
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

9 Parallel-shaft helical gearmotors

F..DRN.. dimension sheets in mm

FT37..

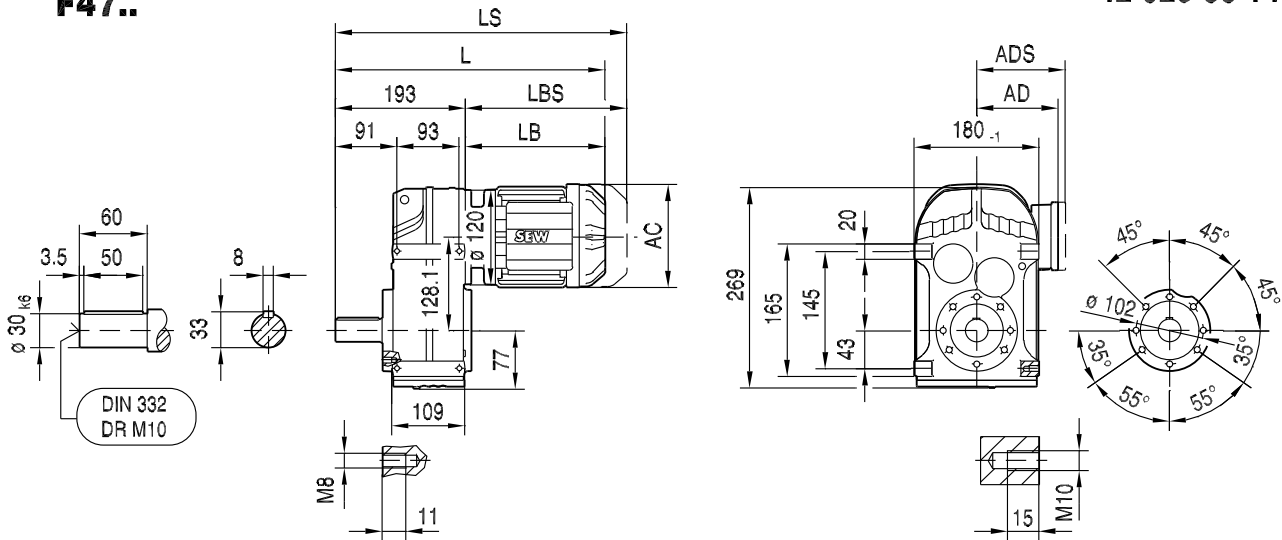
42 028 00 14



(→ 142)	DR63..	DR71S	DR71M					
AC	132	139	139					
AD	105	119	119					
ADS	105	129	129					
L	318	329	354					
LS	373	397	422					
LB	191	202	227					
LBS	246	270	295					

F47..

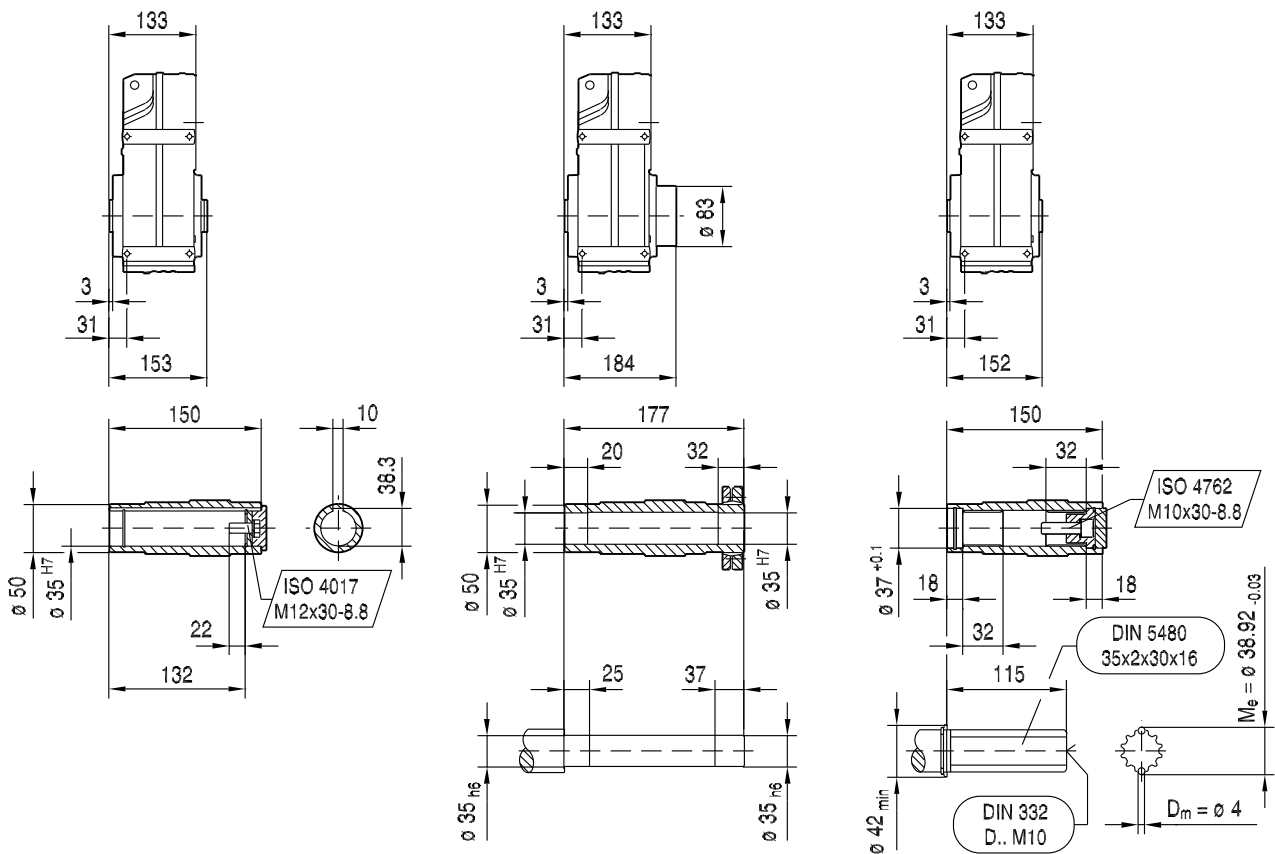
42 029 00 14



FA47B..

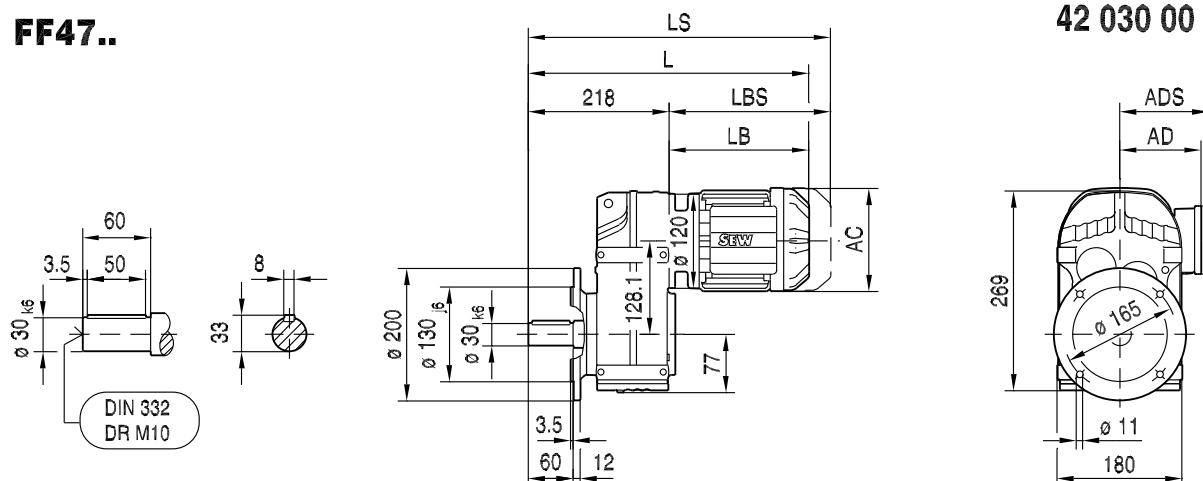
FH47B..

FV47B..

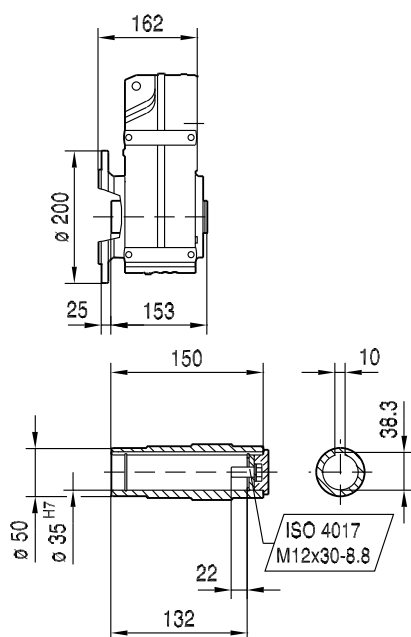


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	384	395	420	475	476	508	507	557
LS	439	463	488	556	570	602	601	651
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

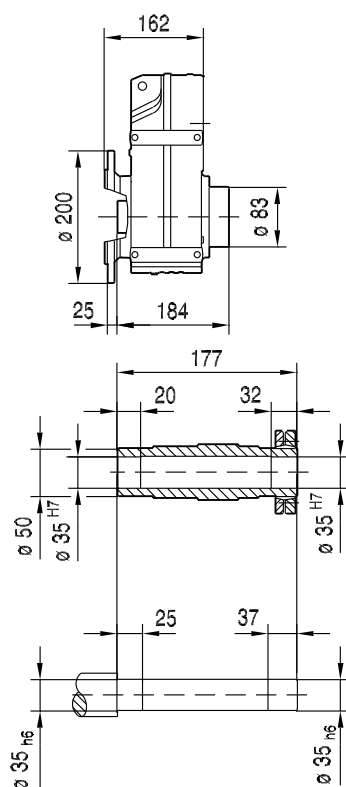
42 030 00 14



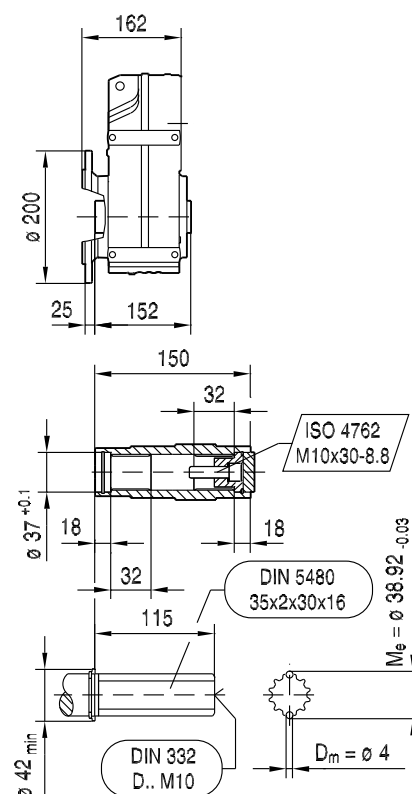
FAF47..



FHF47...

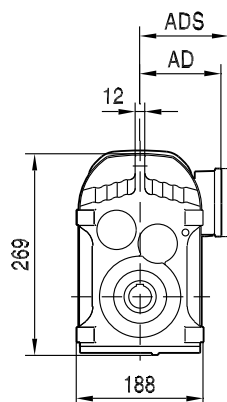
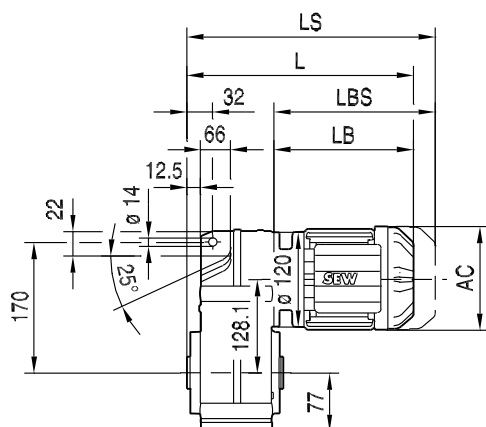


FVF47..

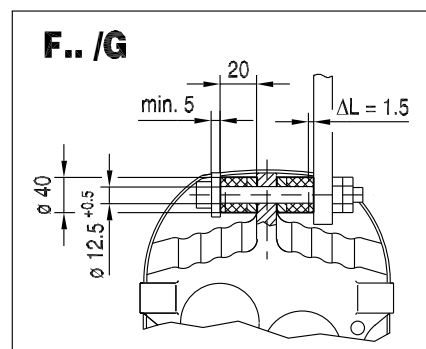


(→ 📄 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
AC	132	139	139	156	179	179	197	197
AD	105	119	119	128	140	140	157	157
ADS	105	129	129	139	150	150	158	158
L	409	420	445	500	501	533	532	582
LS	464	488	513	581	595	627	626	676
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

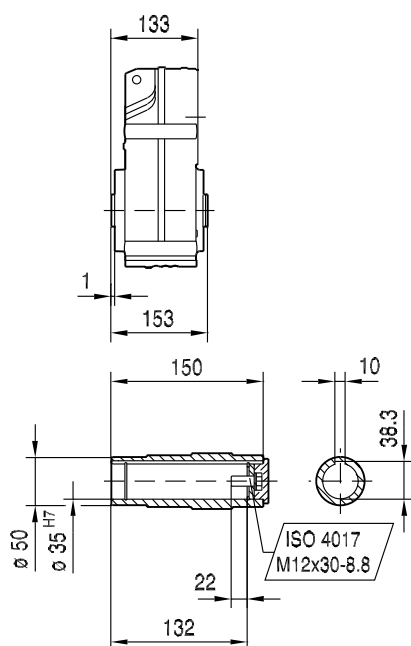
FA47..



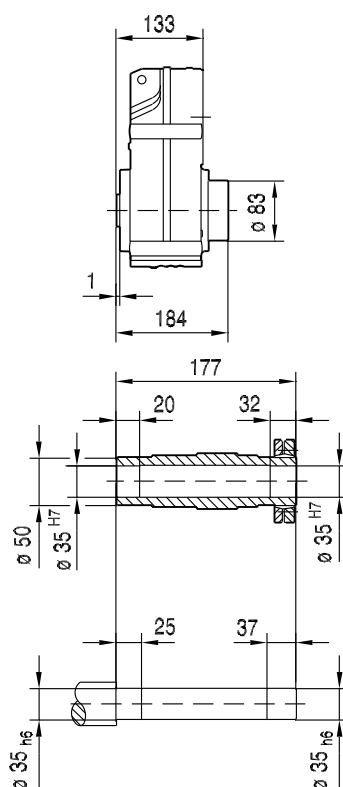
42 031 00 14



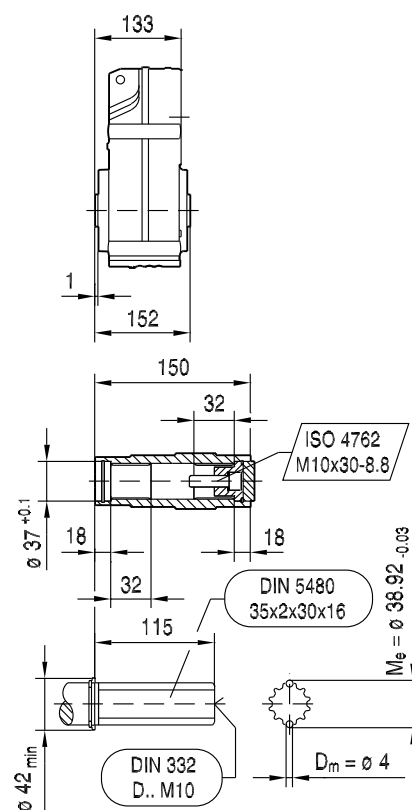
FA47..



FH47..

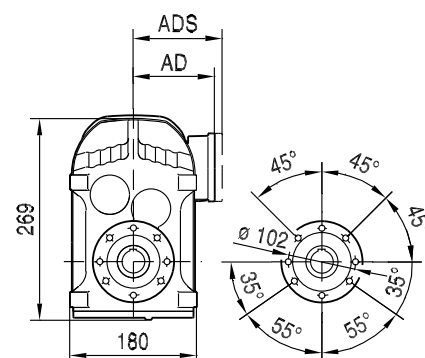
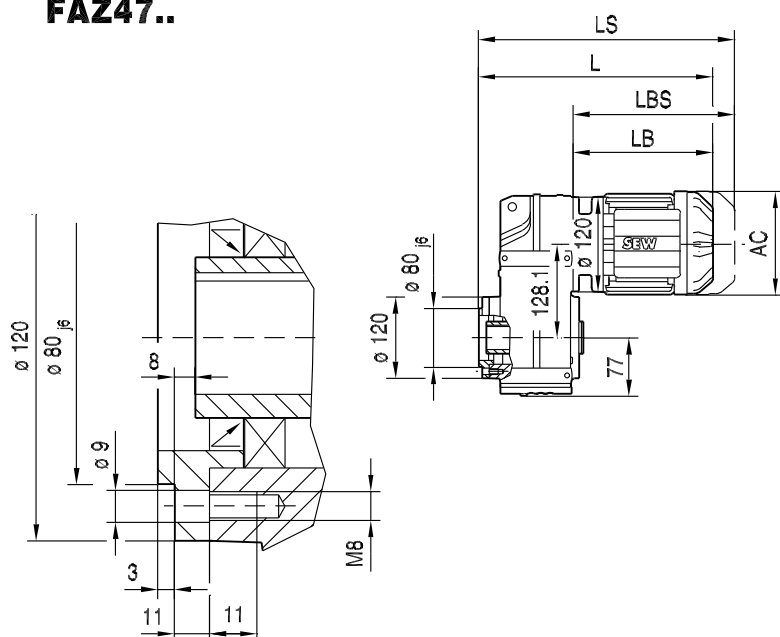
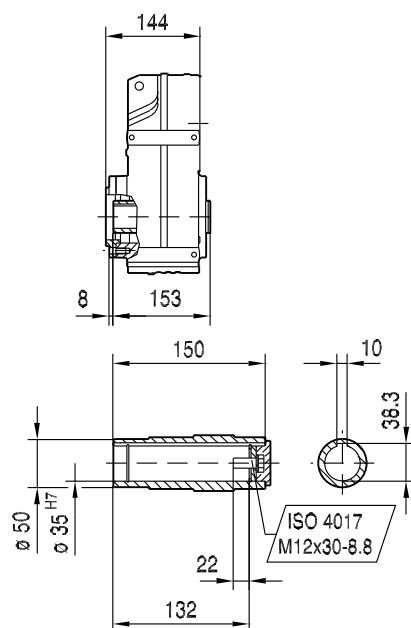
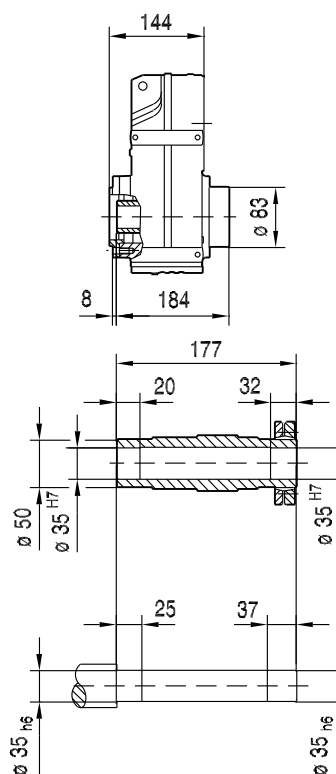
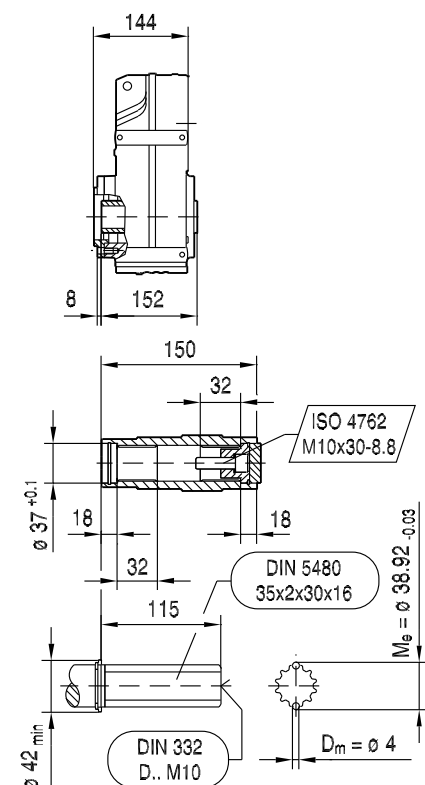


FV47..



(→ 📄 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
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	324	335	360	415	416	448	447	497
LS	379	403	428	496	510	542	541	591
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

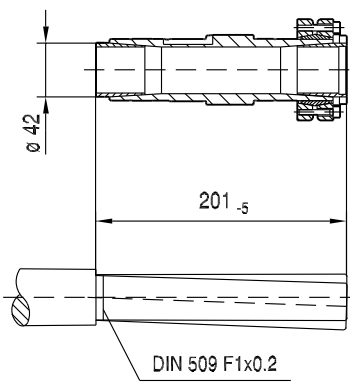
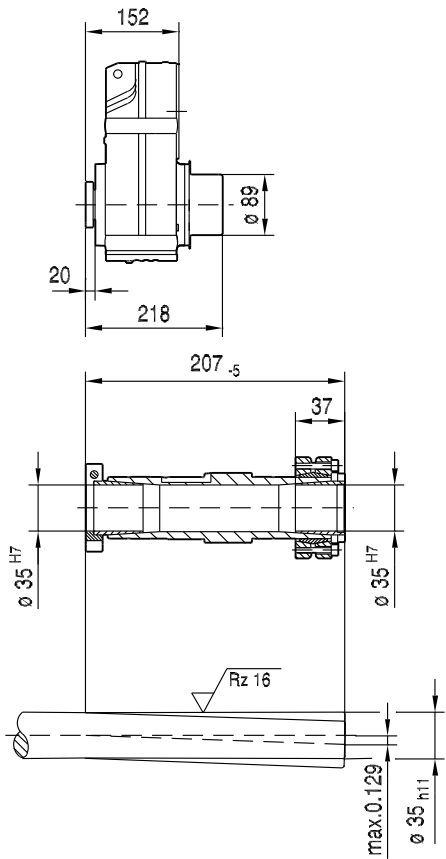
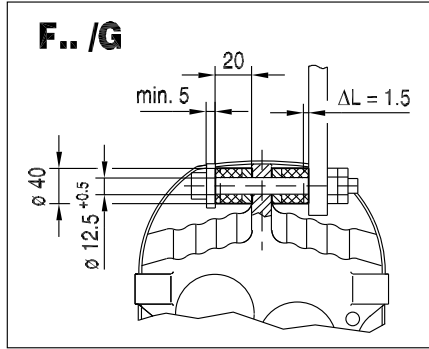
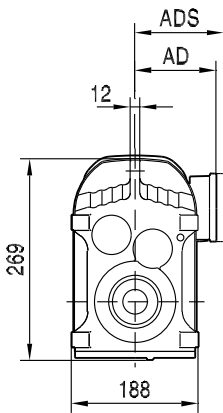
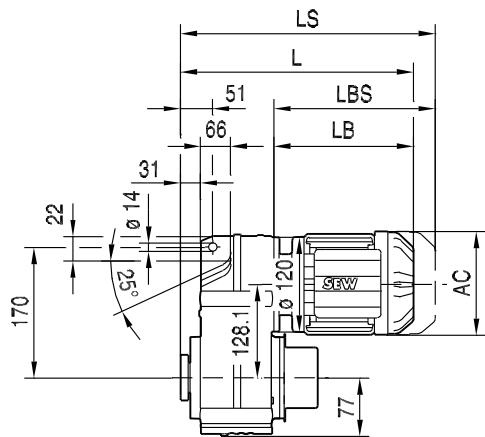
42 032 00 14

FAZ47..**FAZ47..****FHZ47..****FVZ47..**

(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
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	335	346	371	426	427	459	458	508
LS	390	414	439	507	521	553	552	602
LB	191	202	227	282	283	315	314	364
LBS	246	270	295	363	377	409	408	458

FT47..

42 033 00 14



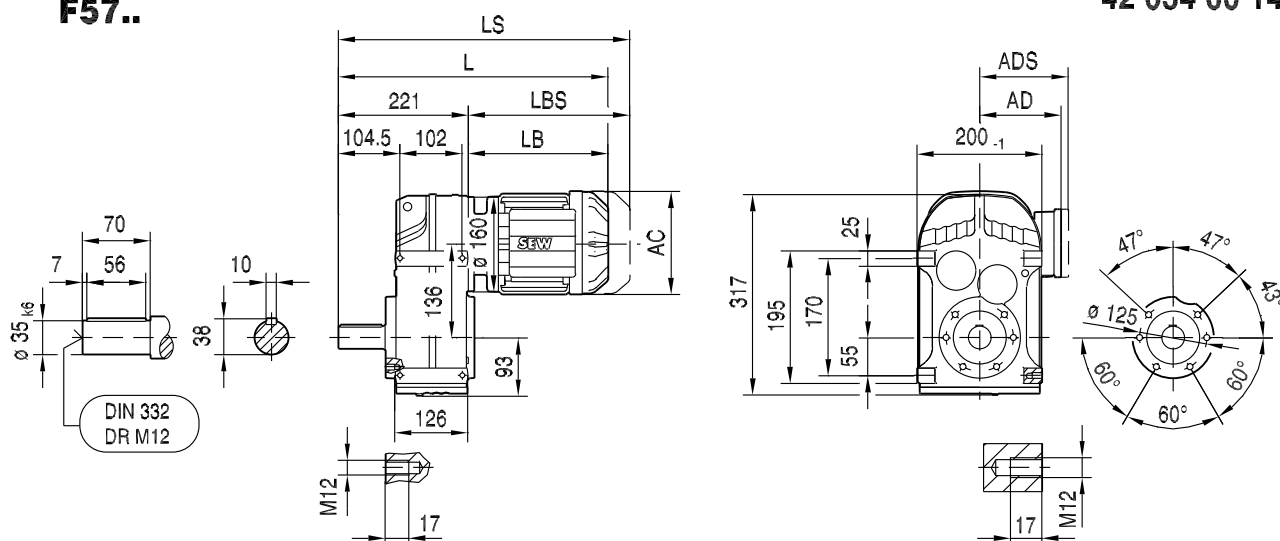
(→ 142)	DR63..	DR71S	DR71M					
AC	132	139	139					
AD	105	119	119					
ADS	105	129	129					
L	343	354	379					
LS	398	422	447					
LB	191	202	227					
LBS	246	270	295					

9 Parallel-shaft helical gearmotors

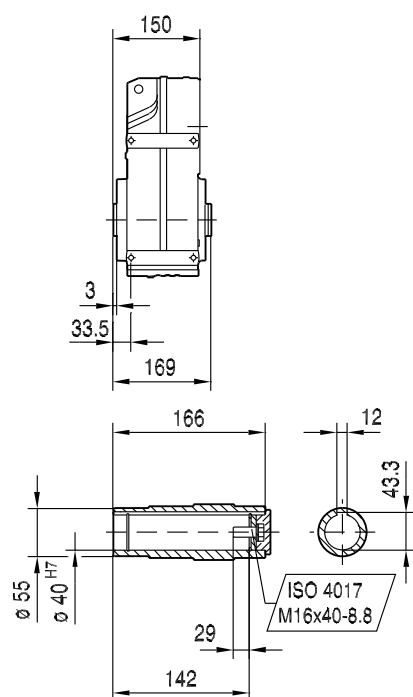
F..DRN.. dimension sheets in mm

42 034 00 14

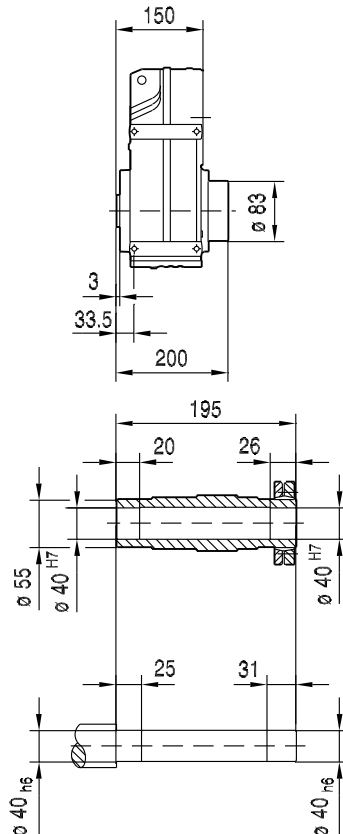
F57..



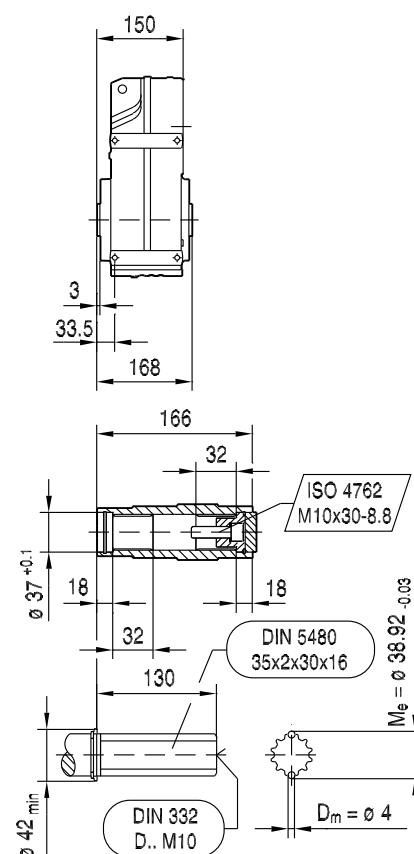
FA57B..



FH57B.. max. DR100LC



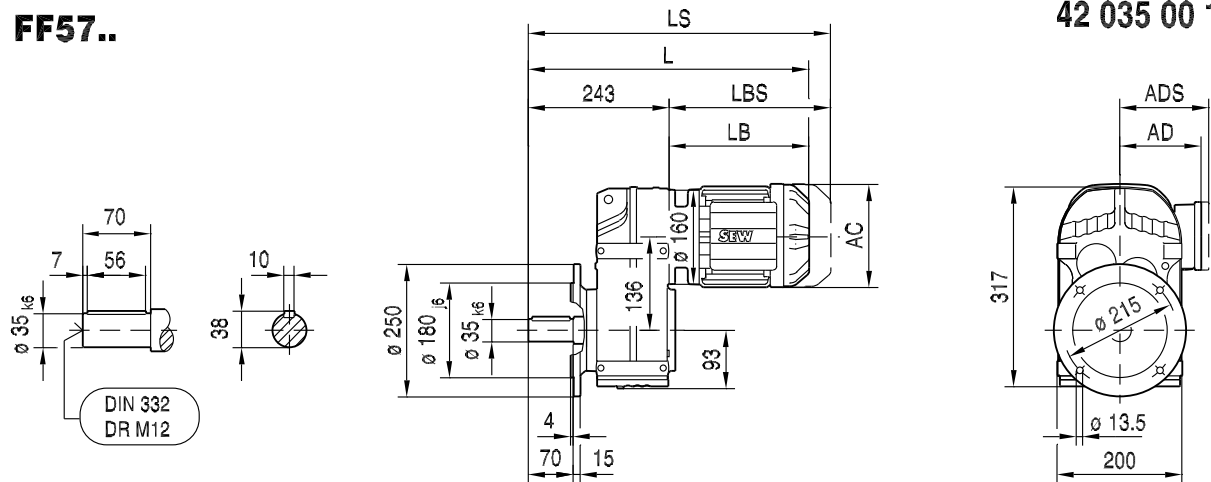
FV57B..

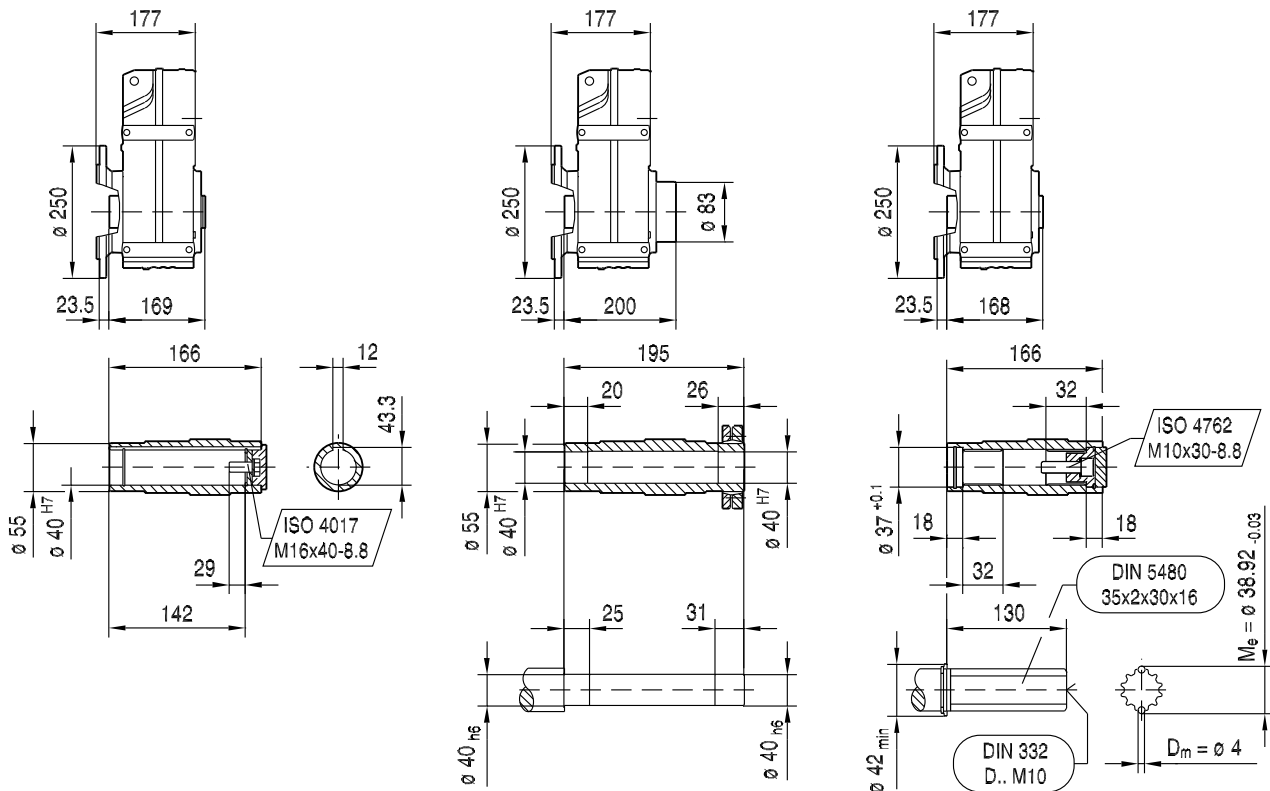


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	406	417	442	496	498	530	526	576	607	661
LS	461	485	510	577	591	623	620	670	719	773
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

FF57..

42 035 00 14


FAF57..
FHF57..
max. DR100LC

FVF57..


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
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	428	439	464	518	520	552	548	598	629	683
LS	483	507	532	599	613	645	642	692	741	795
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

42 037 00 14



FVZ57..



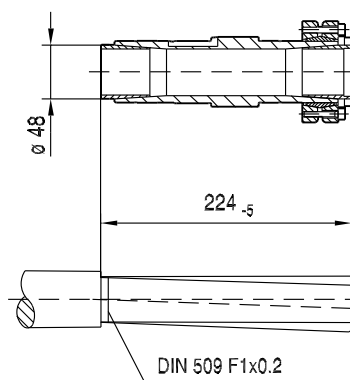
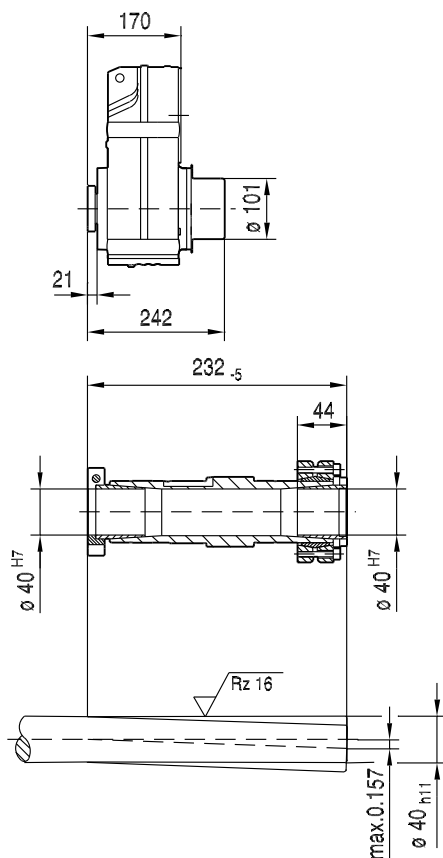
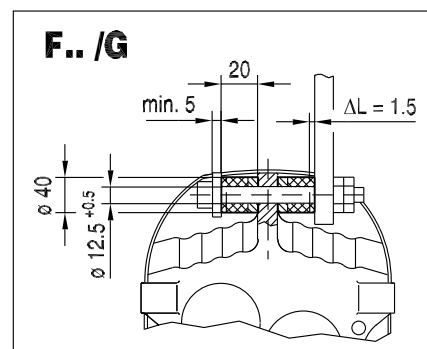
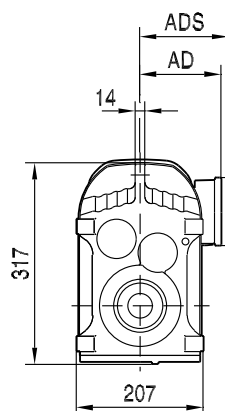
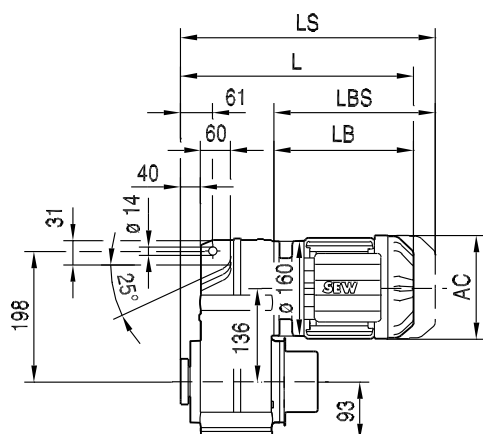
SEW
EURODRIVE

9 Parallel-shaft helical gearmotors

F..DRN.. dimension sheets in mm

FT57..

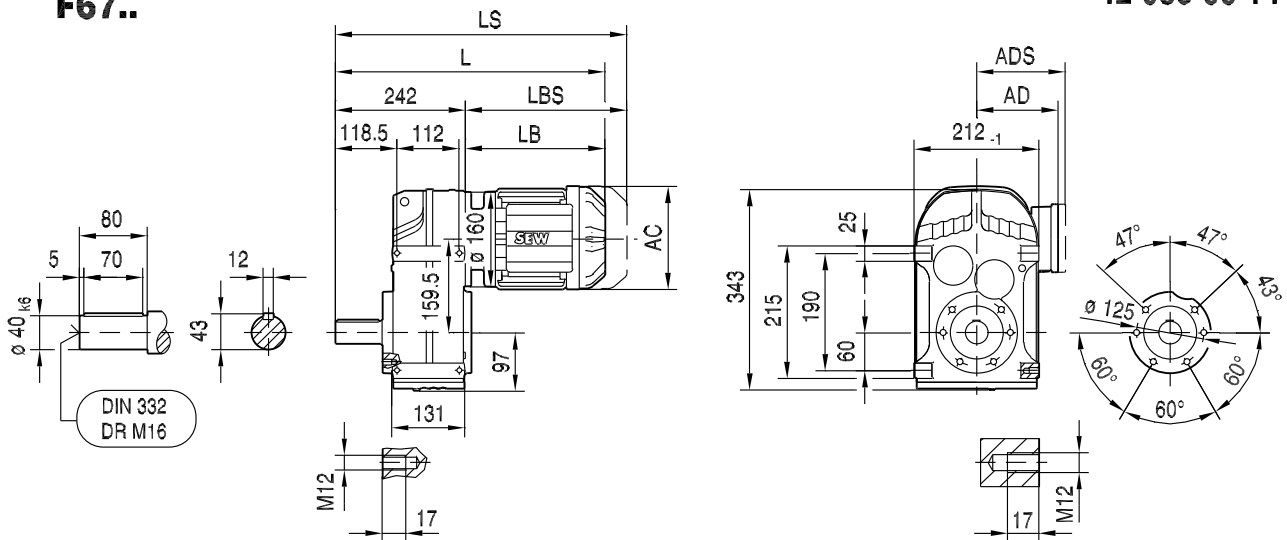
42 038 00 14

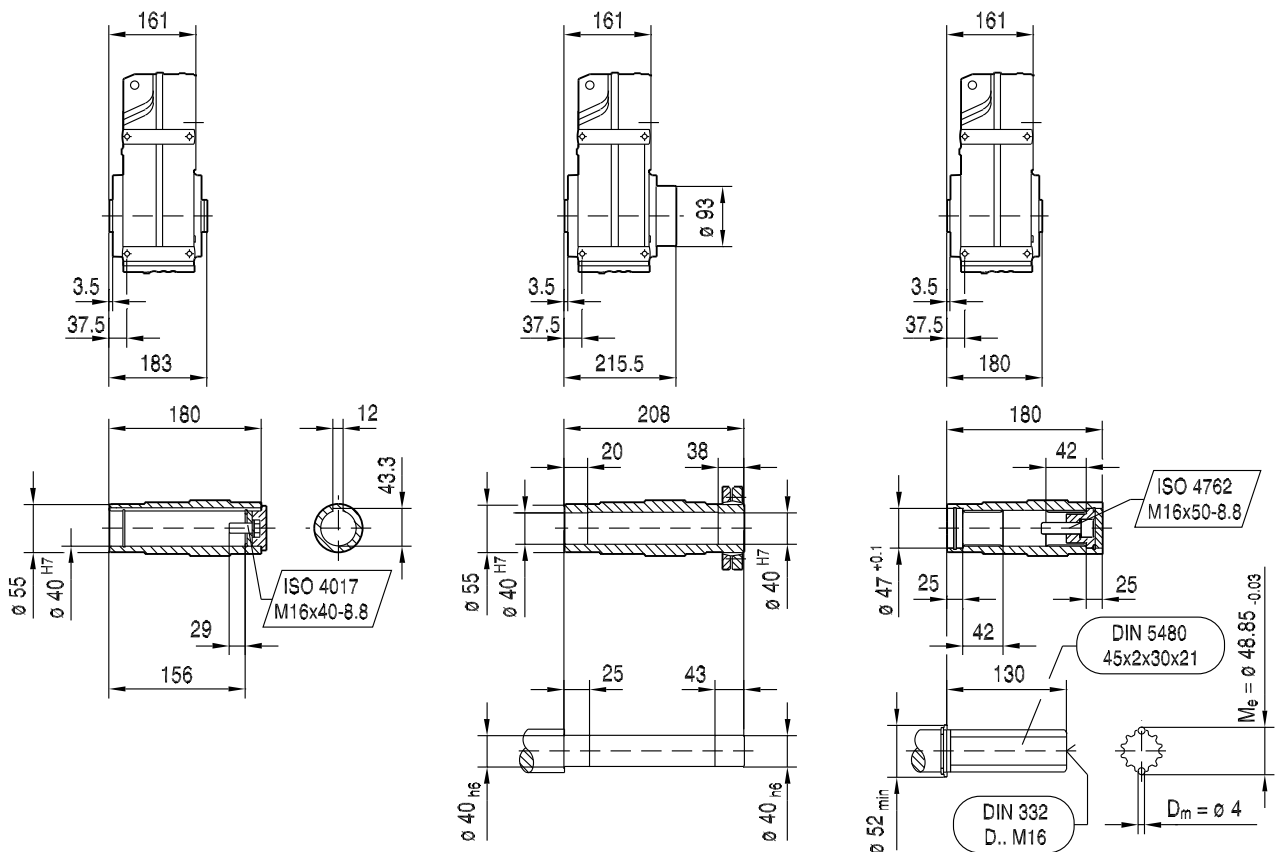


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S			
AC	132	139	139	156	179			
AD	105	119	119	128	140			
ADS	105	129	129	139	150			
L	355	366	391	445	447			
LS	410	434	459	526	540			
LB	185	196	221	275	277			
LBS	240	264	289	356	370			

F67..

42 039 00 14


FA67B..
FH67B..
max. DR132S

FV67B..


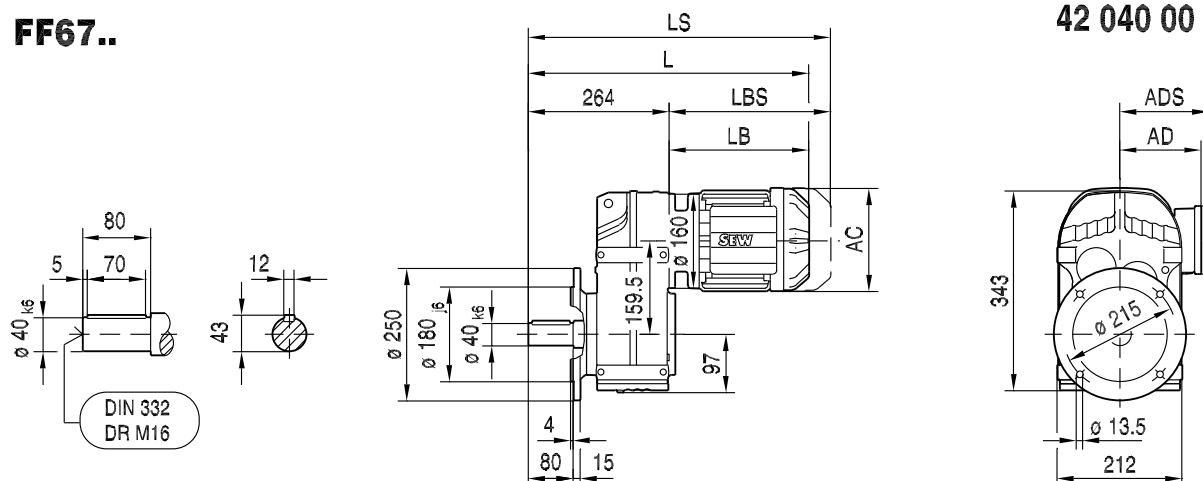
(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	427	438	463	517	519	551	547	597	628	682
LS	482	506	531	598	612	644	641	691	740	794
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

9 Parallel-shaft helical gearmotors

F..DRN.. dimension sheets in mm

FF67..

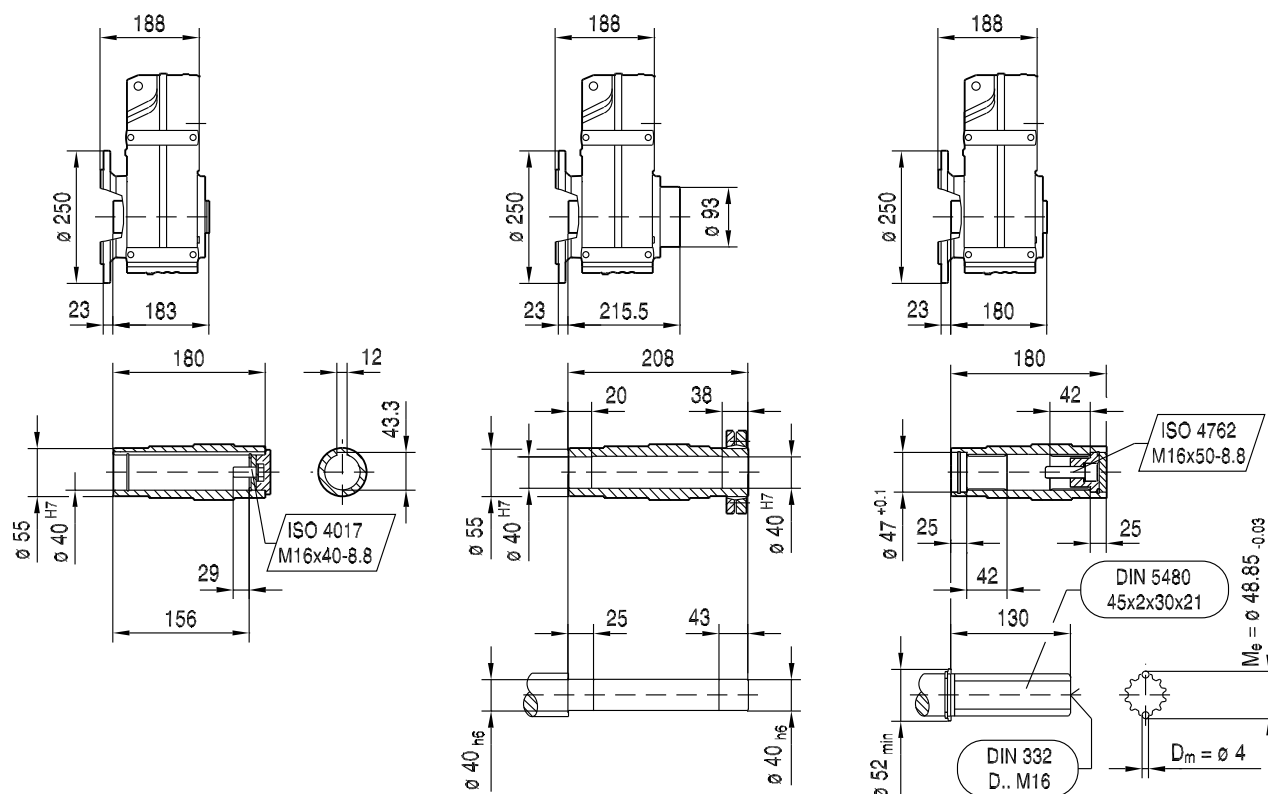
42 040 00 14



FAF67..

FHF67.. max. DR132S

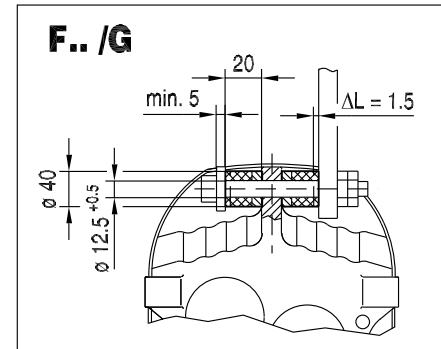
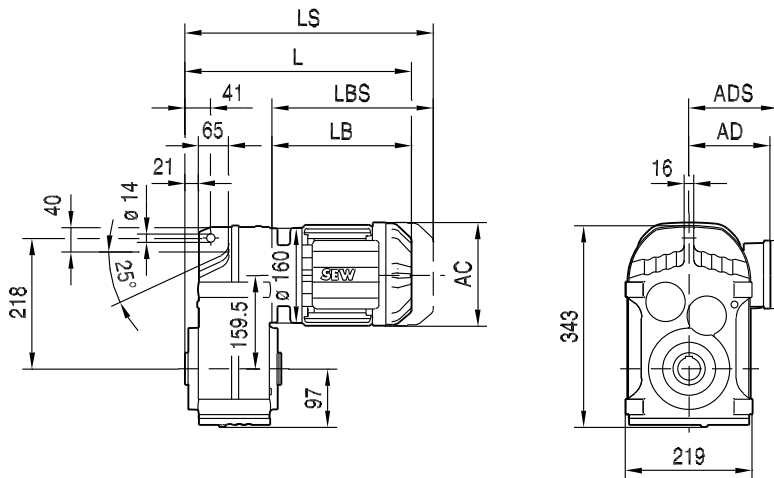
FVF67..

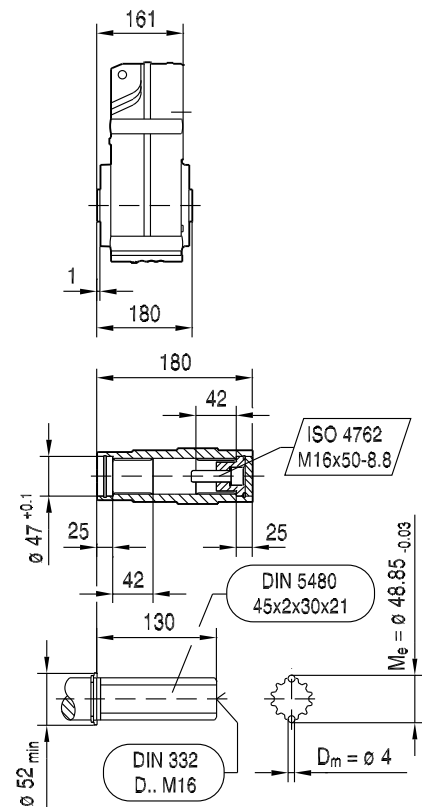
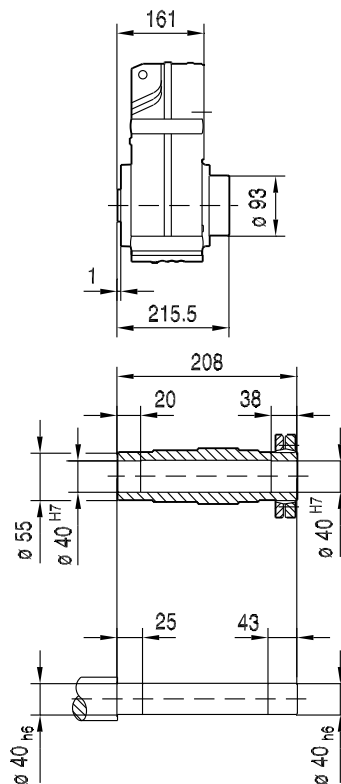
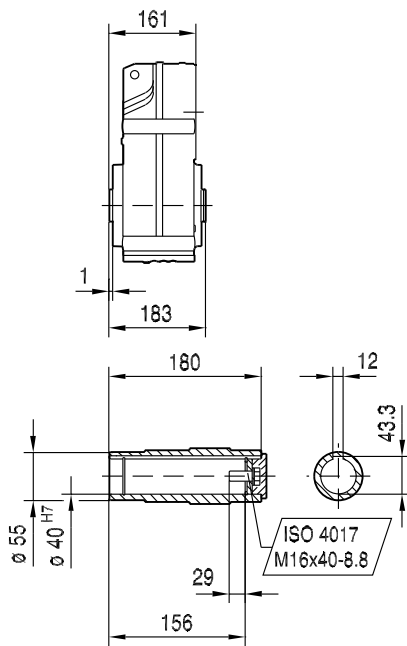


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
AC	132	139	139	156	179	179	197	197	221	221
AD	105	119	119	128	140	140	157	157	170	170
ADS	105	129	129	139	150	150	158	158	172	172
L	449	460	485	539	541	573	569	619	650	704
LS	504	528	553	620	634	666	663	713	762	816
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

FA67..

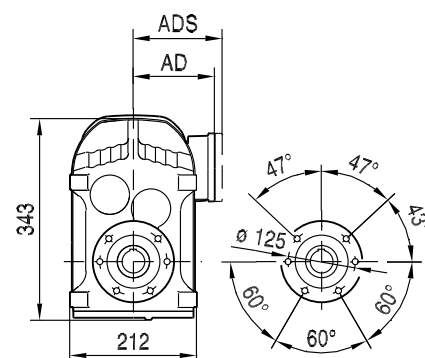
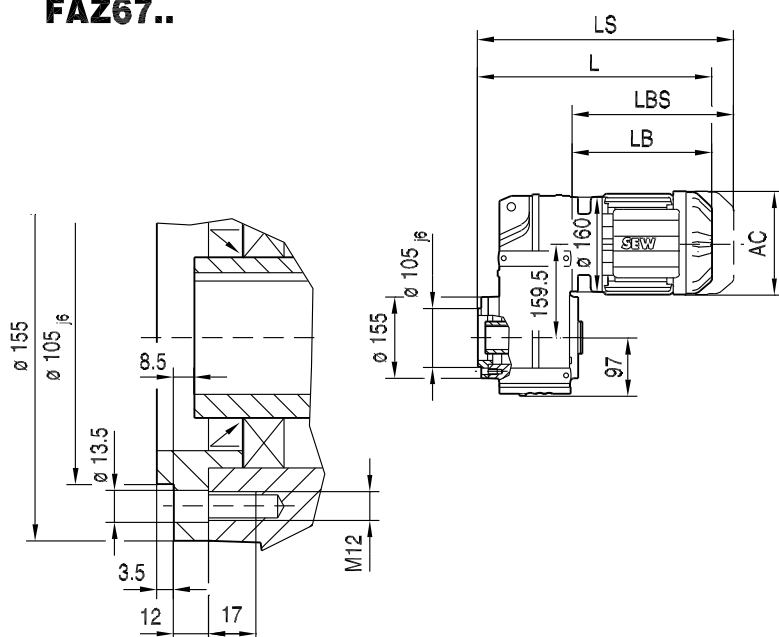
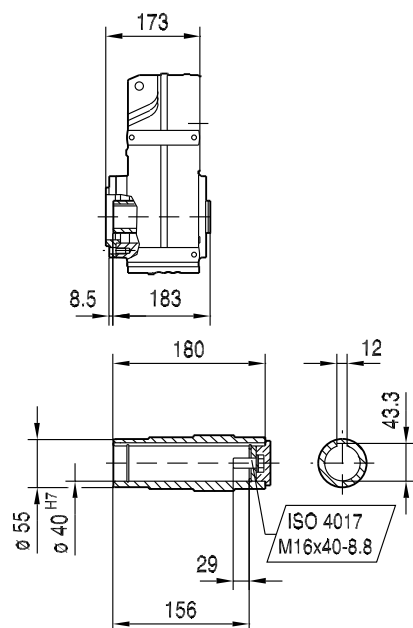
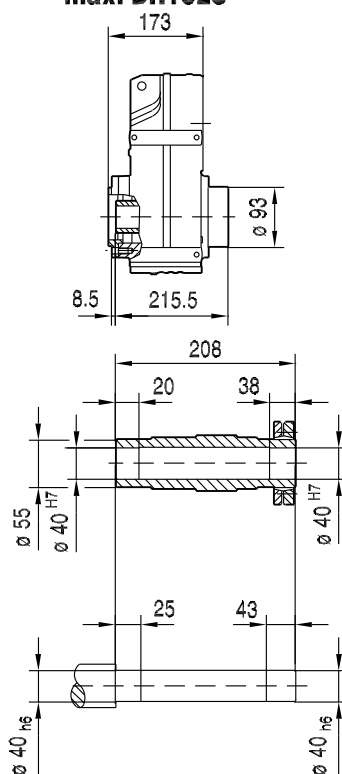
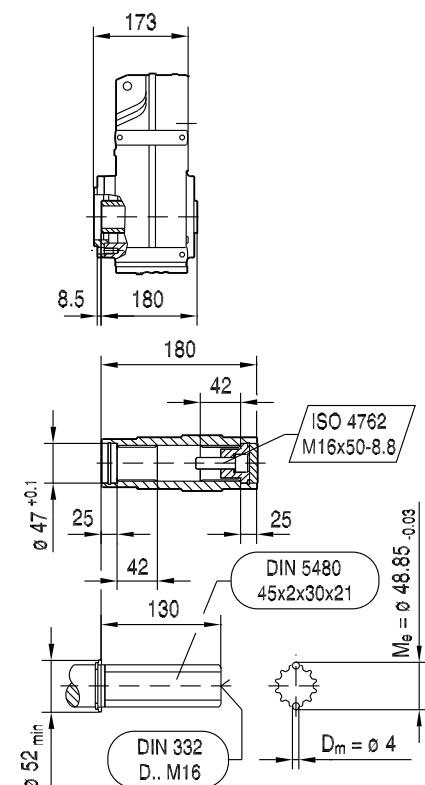
42 041 00 14


FA67..
FH67..
max. DR132S

FV67..


(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
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	346	357	382	436	438	470	466	516	547	601
LS	401	425	450	517	531	563	560	610	659	713
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

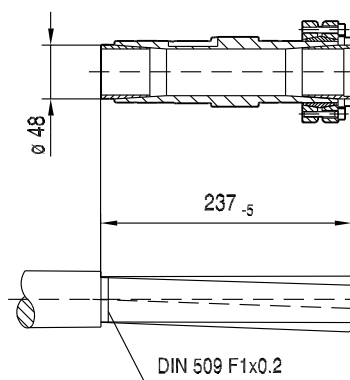
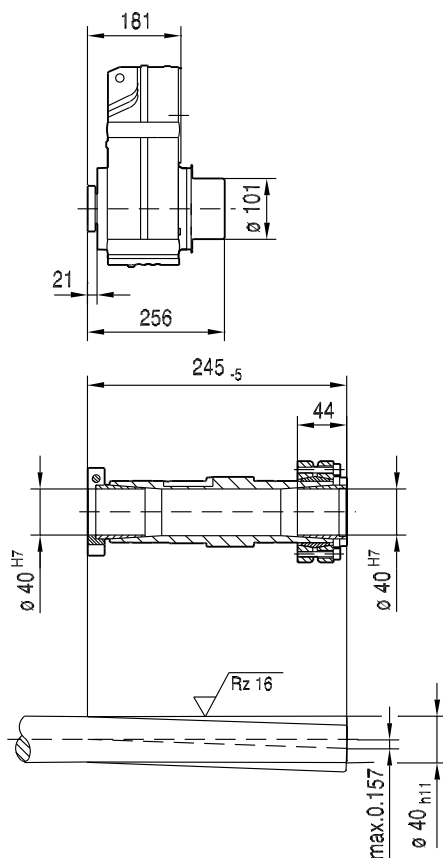
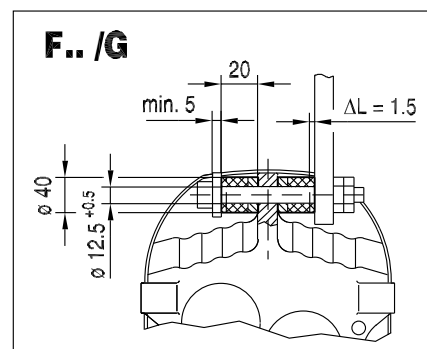
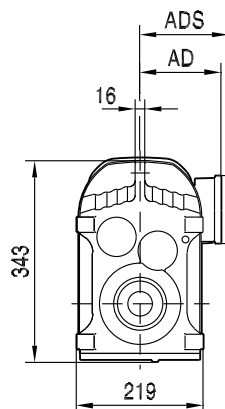
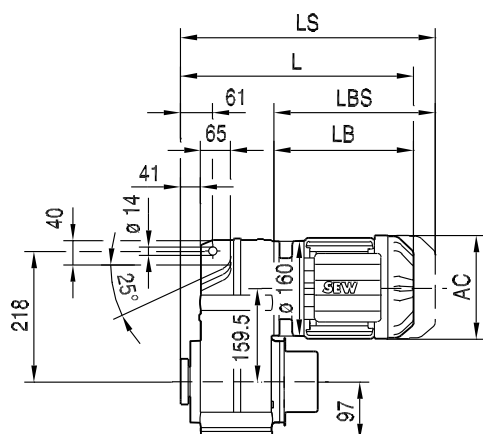
42 042 00 14

FAZ67..**FAZ67..****FHZ67..**
max. DR132S**FVZ67..**

(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S
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	358	369	394	448	450	482	478	528	559	613
LS	413	437	462	529	543	575	572	622	671	725
LB	185	196	221	275	277	309	305	355	386	440
LBS	240	264	289	356	370	402	399	449	498	552

FT67..

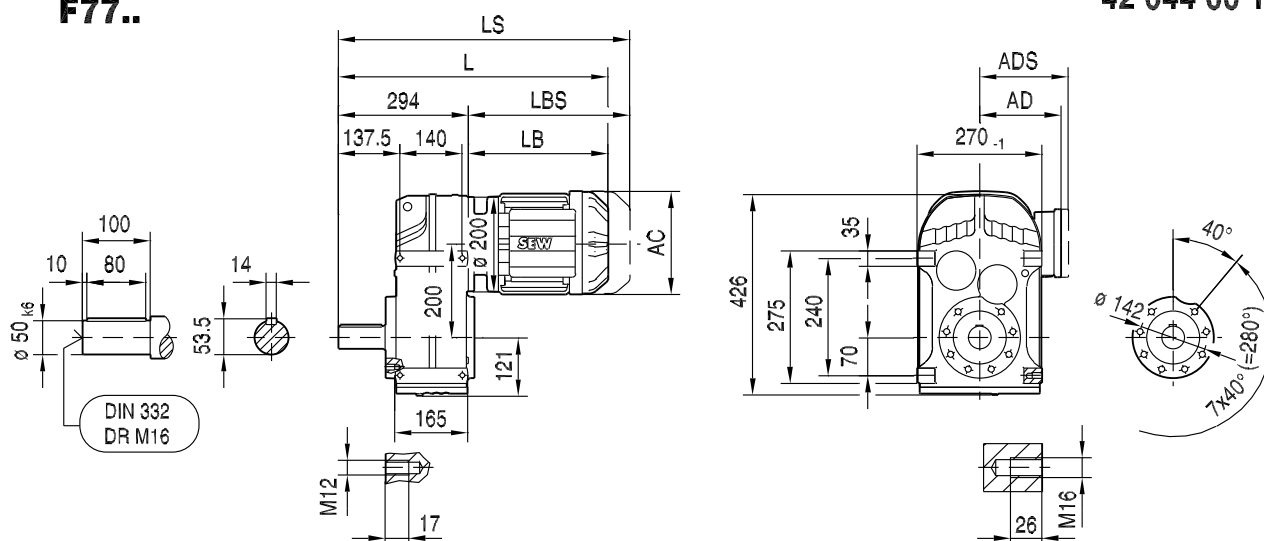
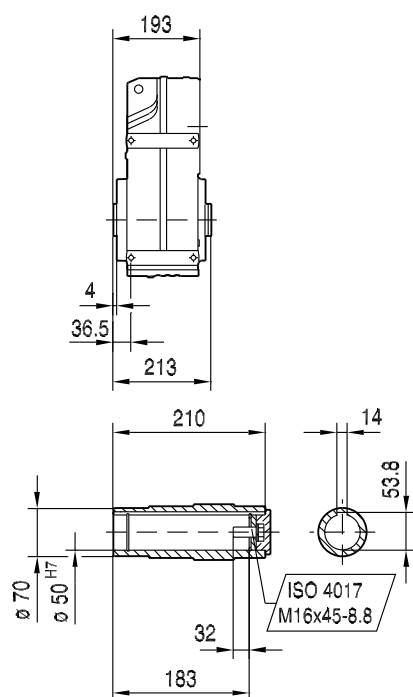
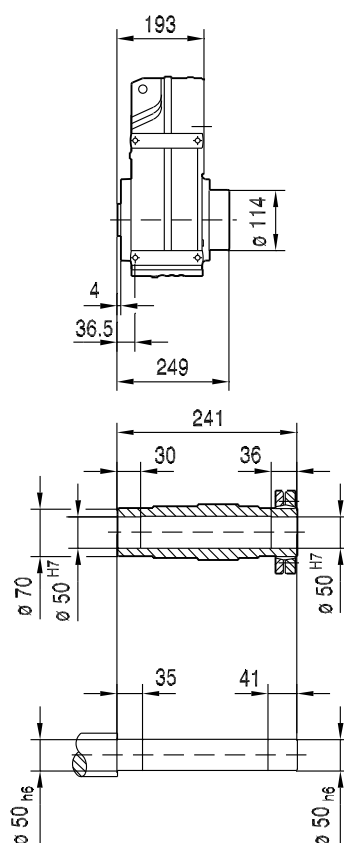
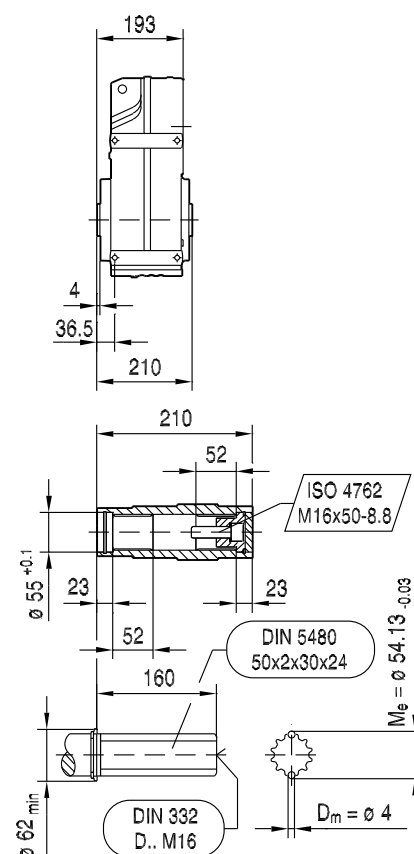
42 043 00 14



21284997/EN – 03/2015

(→ 142)	DR63..	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L
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	366	377	402	456	458	490	486	536
LS	421	445	470	537	551	583	580	630
LB	185	196	221	275	277	309	305	355
LBS	240	264	289	356	370	402	399	449

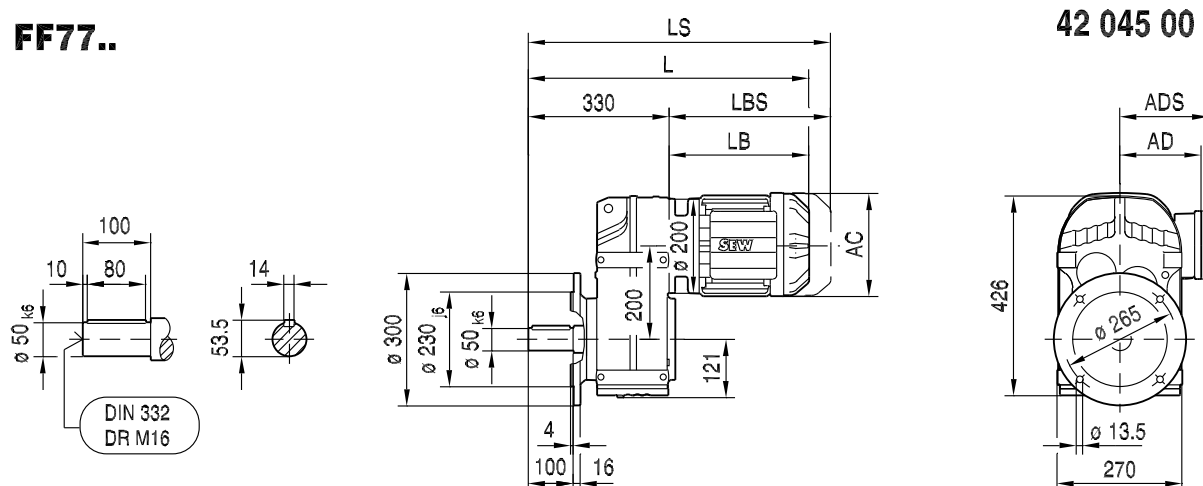
42 044 00 14

F77..**FA77B..****FH77B..****FV77B..**

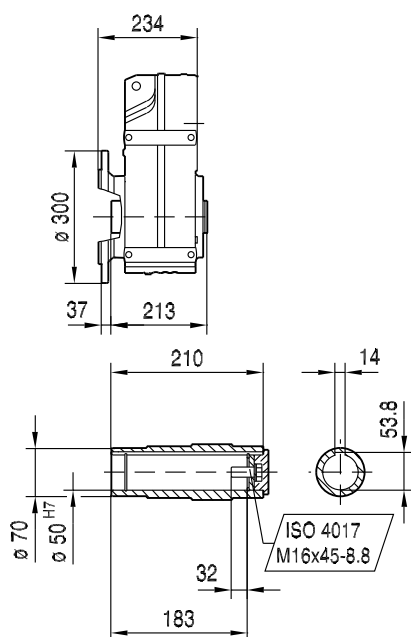
(→ 142)	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M
AC	156	179	179	197	197	221	221	261	261	314
AD	128	140	140	157	157	170	170	228	228	253
ADS	139	150	150	158	158	172	172	228	228	253
L	562	564	596	592	642	673	723	741	767	833
LS	643	657	689	686	736	785	835	879	904	1022
LB	268	270	302	298	348	379	429	447	473	539
LBS	349	363	395	392	442	491	541	585	610	728

FF77..

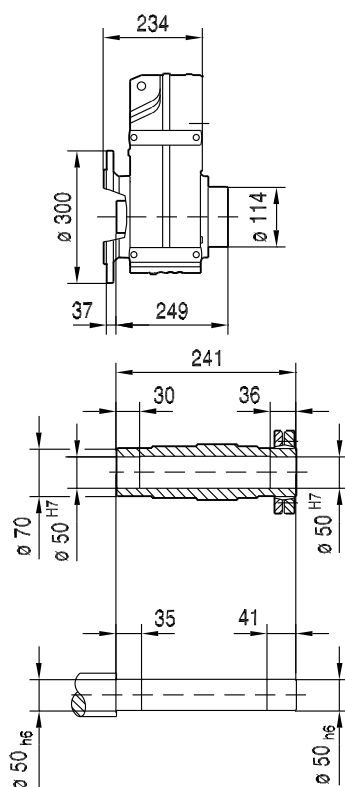
42 045 00 14



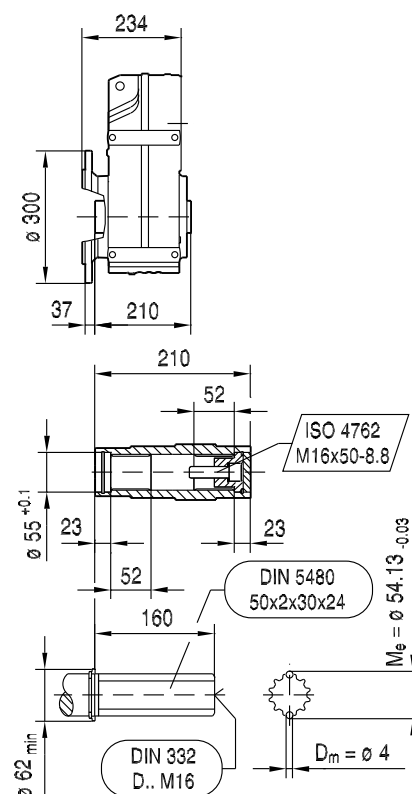
FAF77..



FHF77..



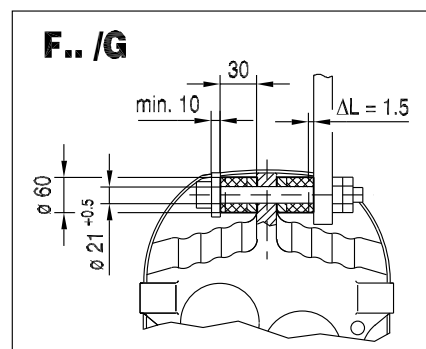
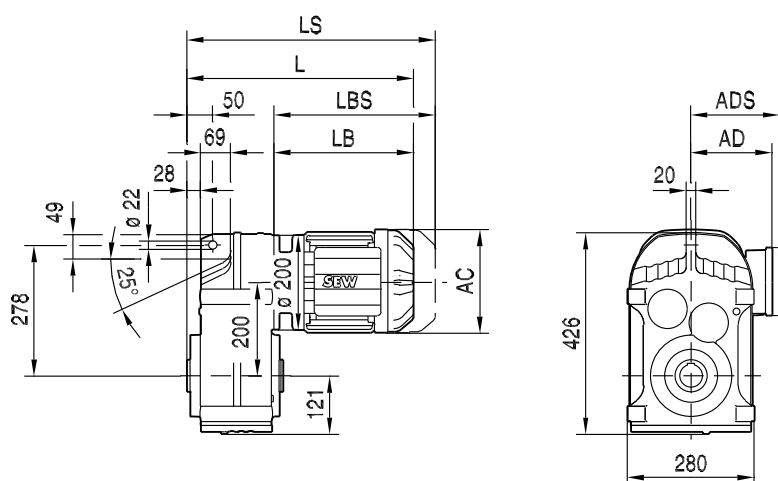
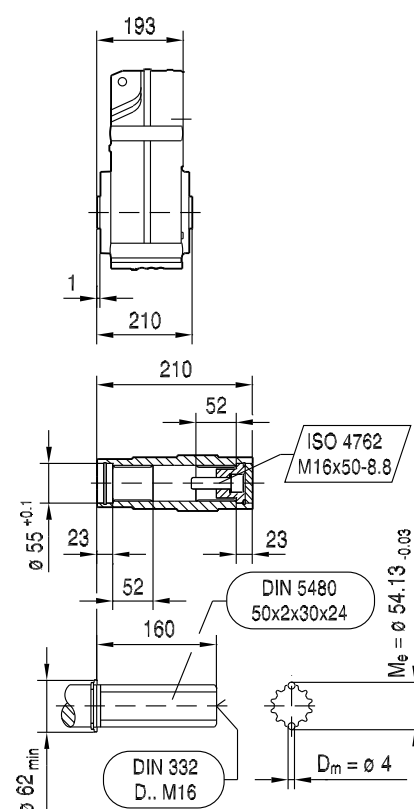
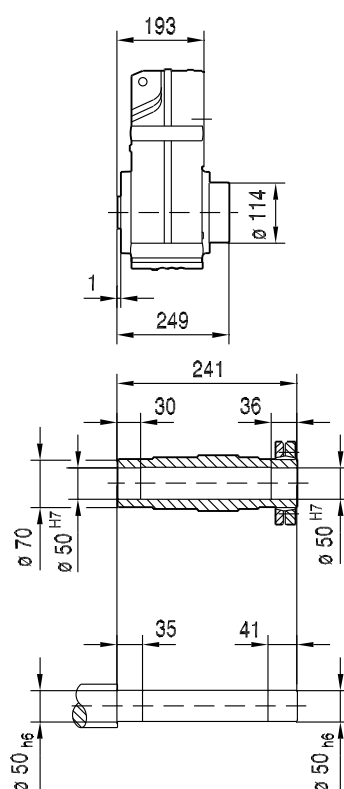
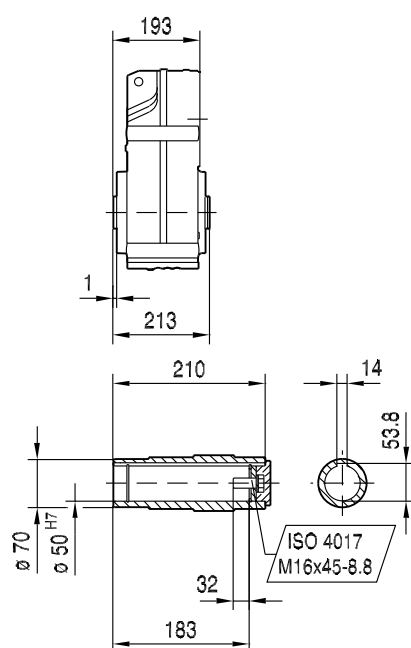
FVF77..



(→ 📄 142)	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M
AC	156	179	179	197	197	221	221	261	261	314
AD	128	140	140	157	157	170	170	228	228	253
ADS	139	150	150	158	158	172	172	228	228	253
L	598	600	632	628	678	709	759	777	803	869
LS	679	693	725	722	772	821	871	915	940	1058
LB	268	270	302	298	348	379	429	447	473	539
LBS	349	363	395	392	442	491	541	585	610	728

FA77..

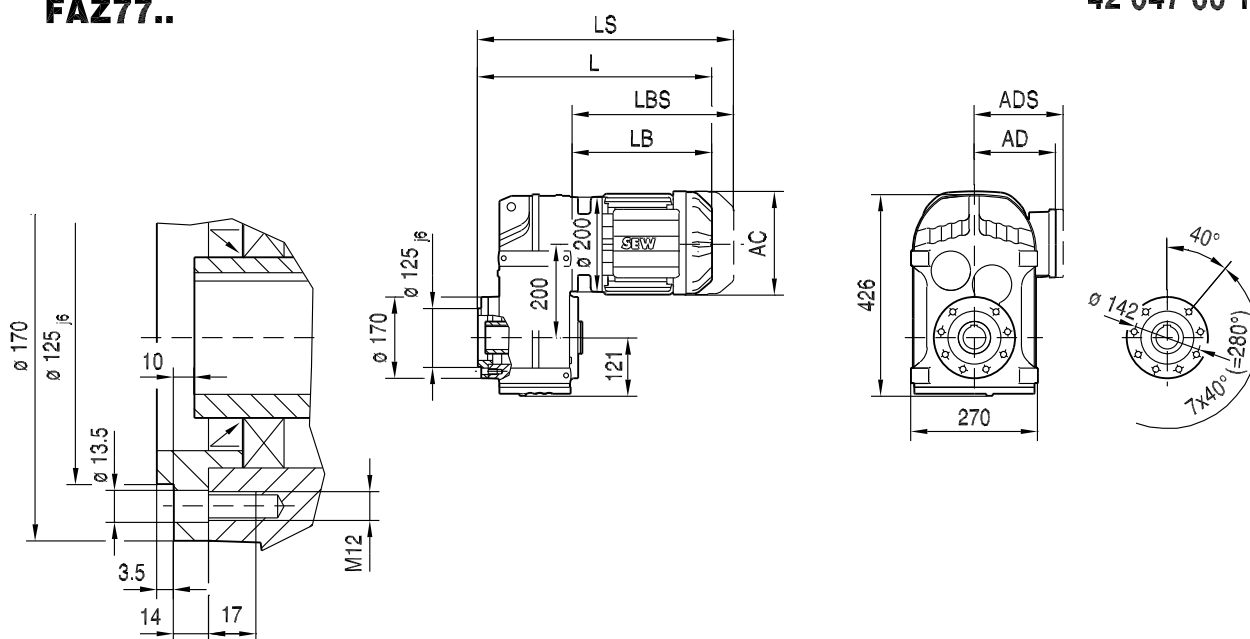
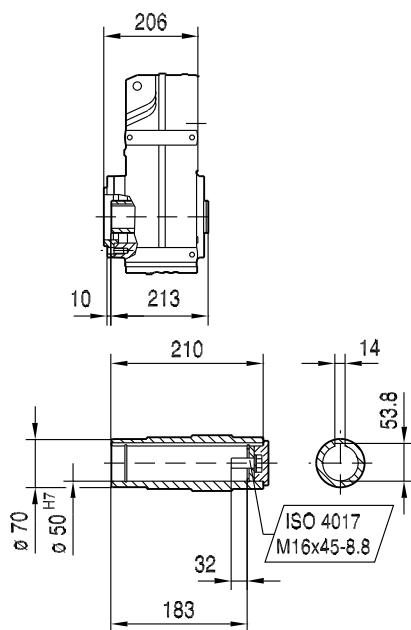
42 046 00 14

**FA77..****FH77..****FV77..**

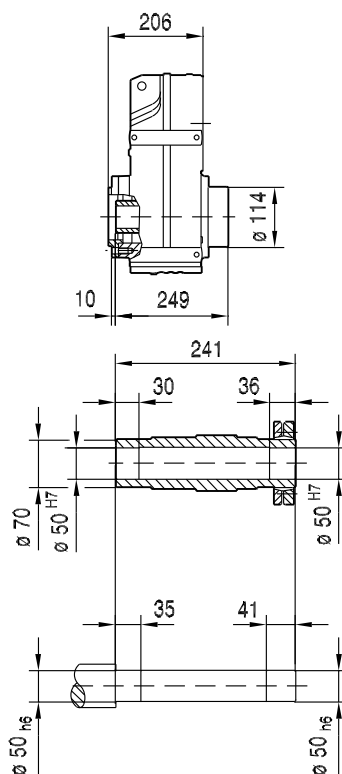
(→ 142)	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M
AC	156	179	179	197	197	221	221	261	261	314
AD	128	140	140	157	157	170	170	228	228	253
ADS	139	150	150	158	158	172	172	228	228	253
L	461	463	495	491	541	572	622	640	666	732
LS	542	556	588	585	635	684	734	778	803	921
LB	268	270	302	298	348	379	429	447	473	539
LBS	349	363	395	392	442	491	541	585	610	728

FAZ77..

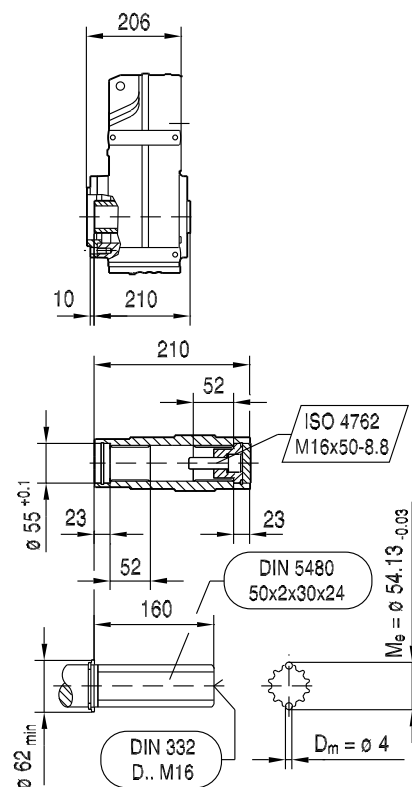
42 047 00 14

**FAZ77..**

FHZ77..



FVZ77..



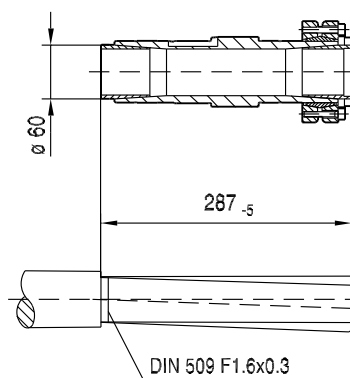
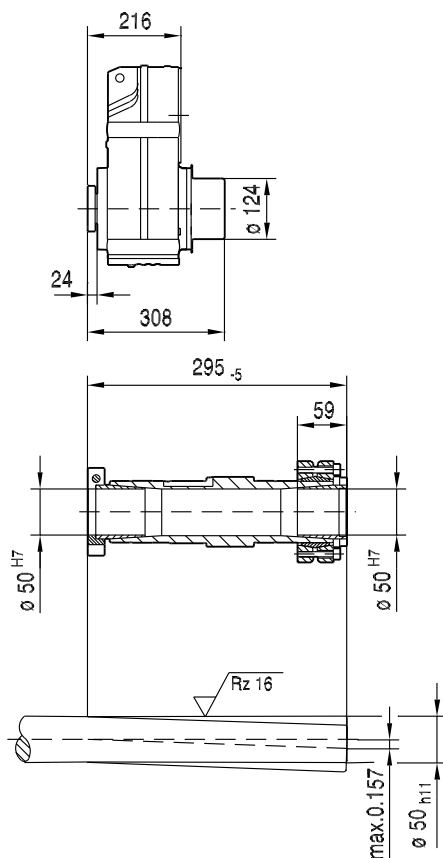
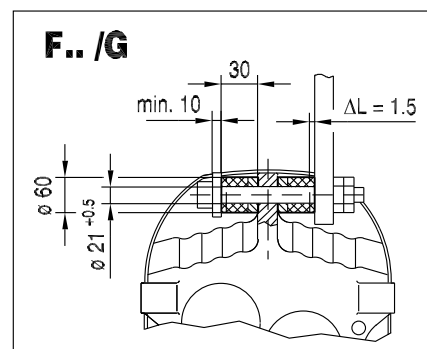
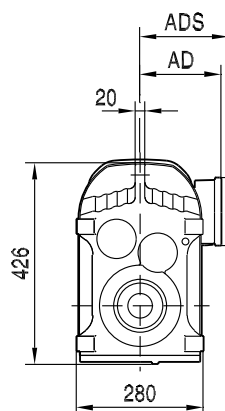
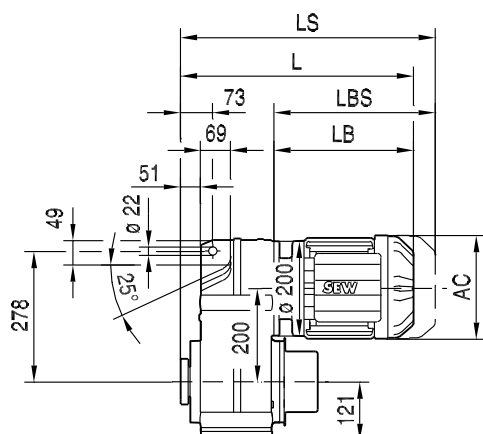
(→ 📄 142)	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M
AC	156	179	179	197	197	221	221	261	261	314
AD	128	140	140	157	157	170	170	228	228	253
ADS	139	150	150	158	158	172	172	228	228	253
L	474	476	508	504	554	585	635	653	679	745
LS	555	569	601	598	648	697	747	791	816	934
LB	268	270	302	298	348	379	429	447	473	539
LBS	349	363	395	392	442	491	541	585	610	728

9 Parallel-shaft helical gearmotors

F..DRN.. dimension sheets in mm

FT77..

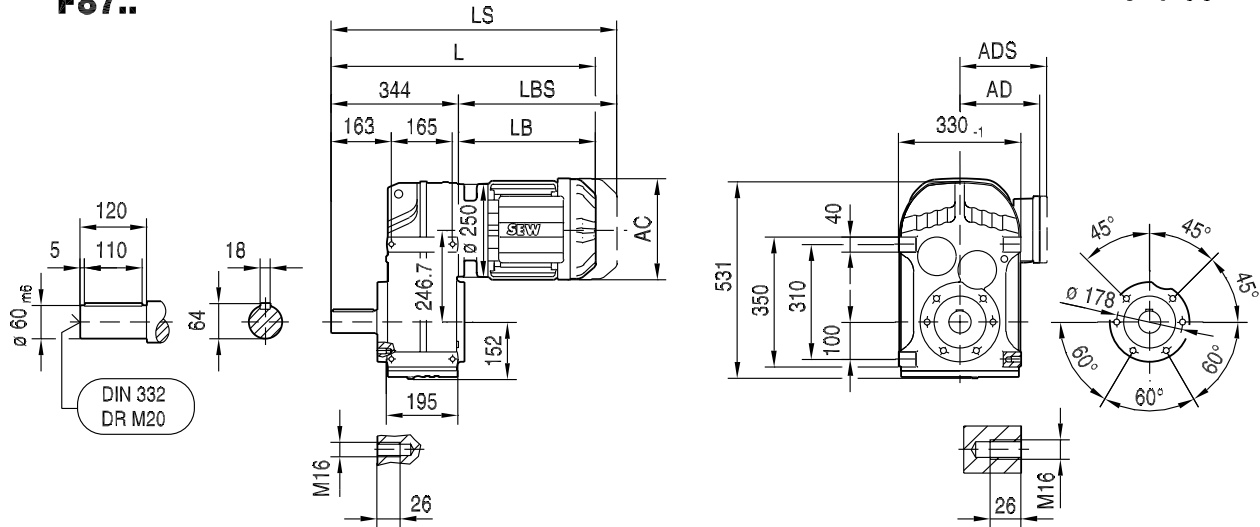
42 048 00 14



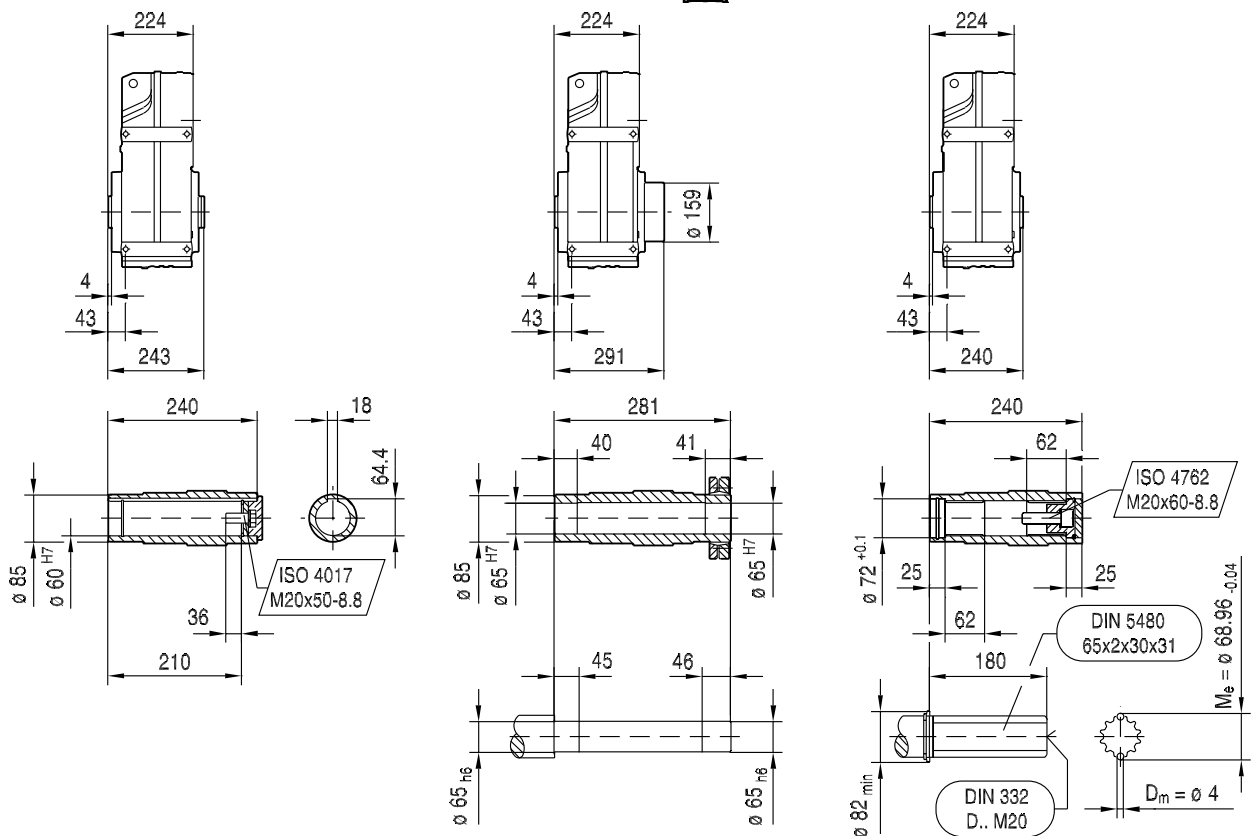
(→ 142)	DR71S	DR71M	DRN80M	DRN90S	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L
AC	139	139	156	179	179	197	197	221	221	261	261
AD	119	119	128	140	140	157	157	170	170	228	228
ADS	129	129	139	150	150	158	158	172	172	228	228
L	405	430	484	486	518	514	564	595	645	663	689
LS	473	498	565	579	611	608	658	707	757	801	826
LB	189	214	268	270	302	298	348	379	429	447	473
LBS	257	282	349	363	395	392	442	491	541	585	610

F87..

42 049 00 14


FA87B..
FH87B..

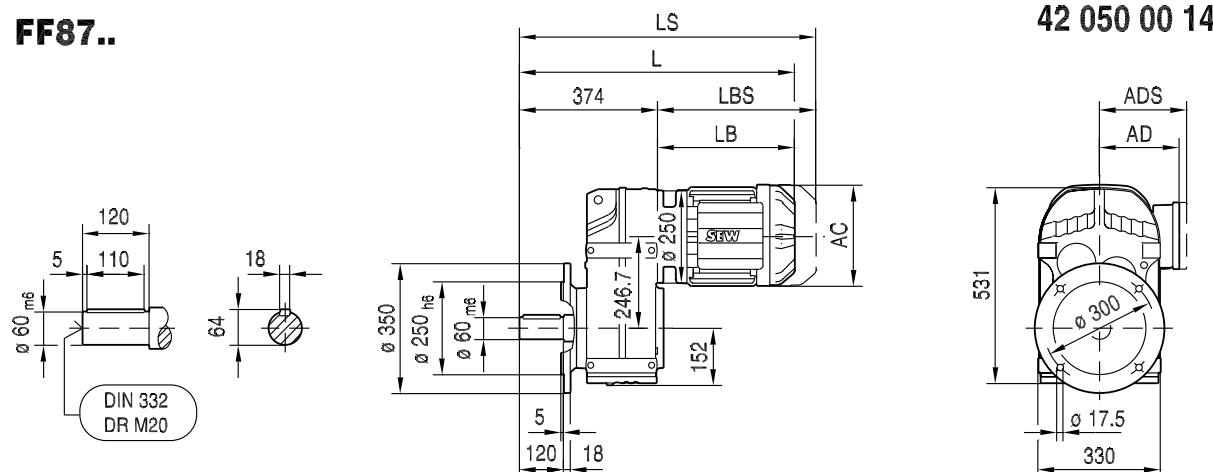
FH87B/R.. → 6.3

FV87B..


21284997/EN – 03/2015

(→ 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	641	637	687	718	768	786	812	878	878	901
LS	734	731	781	830	880	924	949	1067	1067	1090
LB	297	293	343	374	424	442	468	534	534	557
LBS	390	387	437	486	536	580	605	723	723	746

42 050 00 14



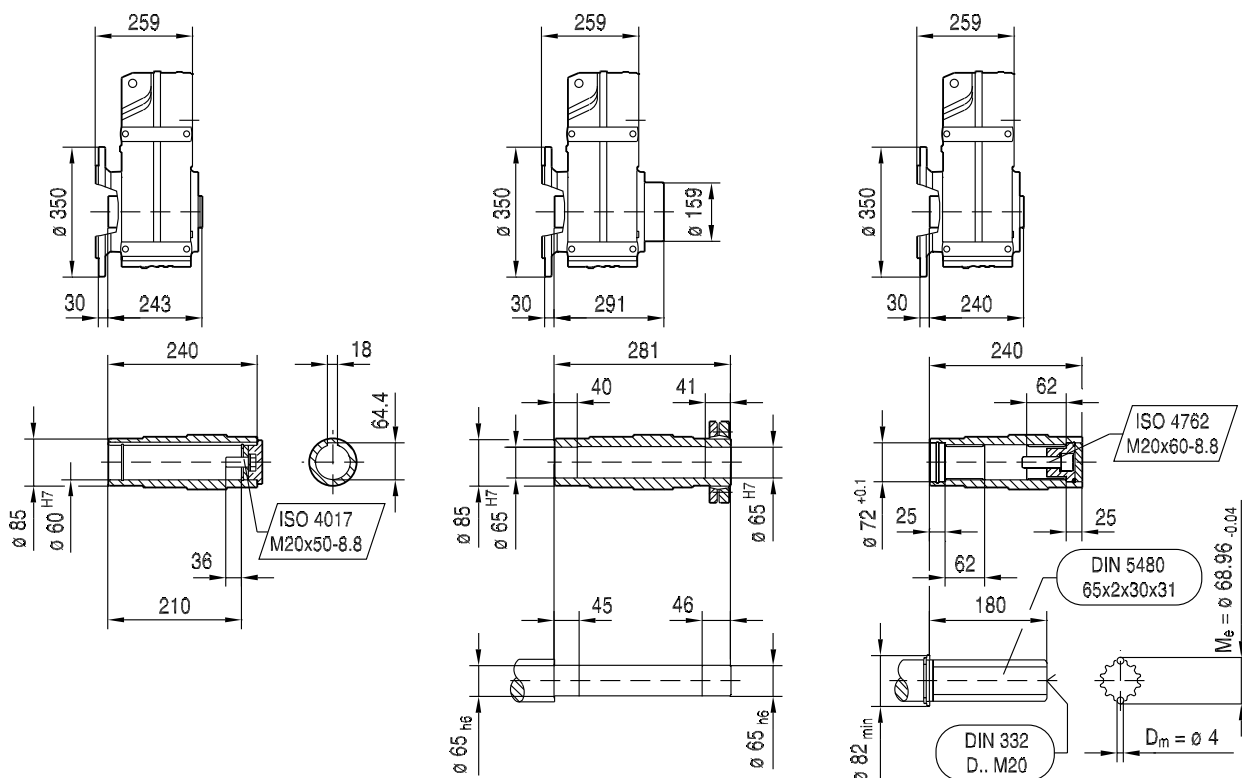
FAF87..

FHF87..
FHF87/R.. →  6.3



6.3

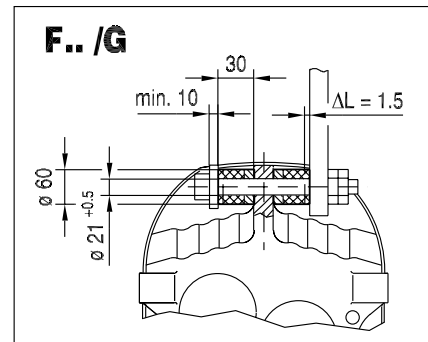
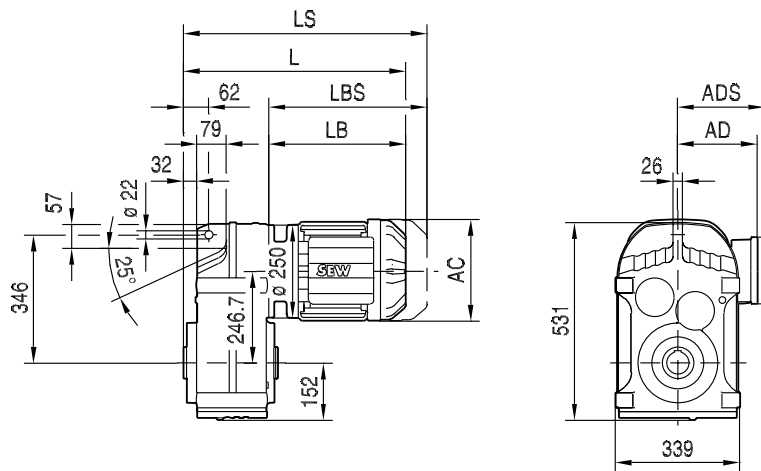
FVF87..

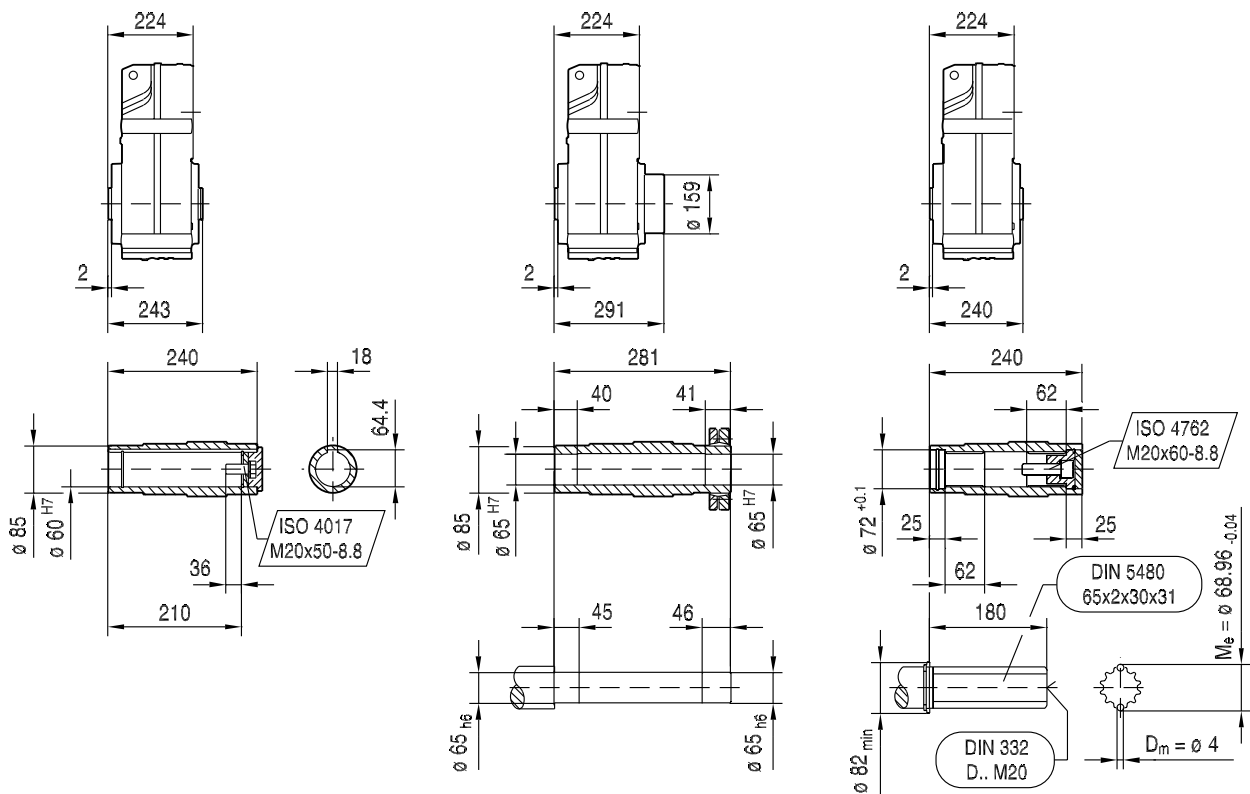


(→ 📄 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	671	667	717	748	798	816	842	908	908	931
LS	764	761	811	860	910	954	979	1097	1097	1120
LB	297	293	343	374	424	442	468	534	534	557
LBS	390	387	437	486	536	580	605	723	723	746

FA87..

42 051 00 14


FA87..
FH87..
FH87/R.. → 6.3

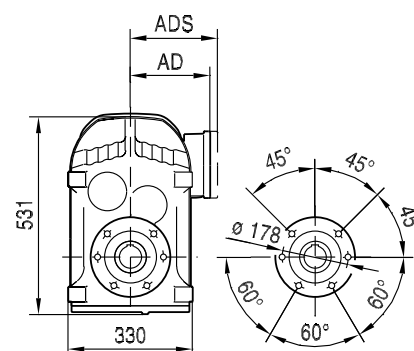
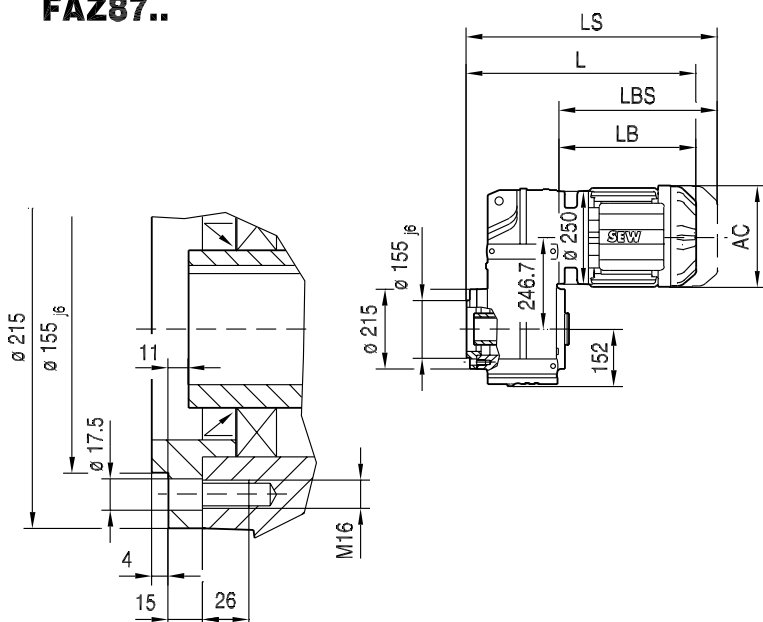
FV87..


21284997/EN – 03/2015

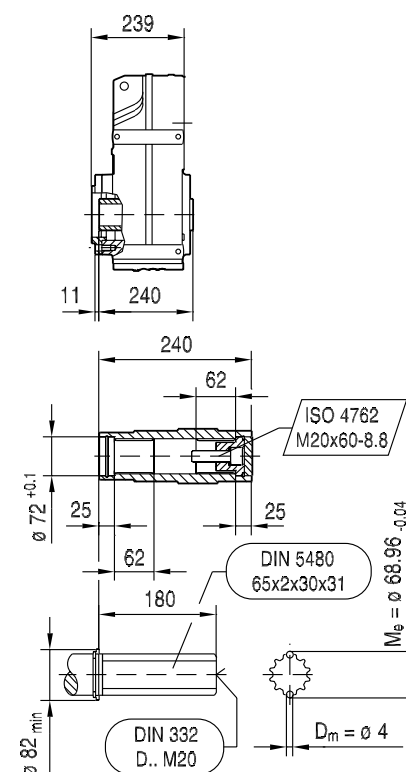
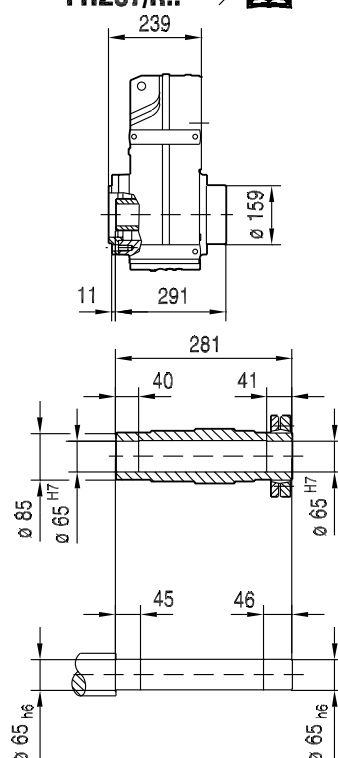
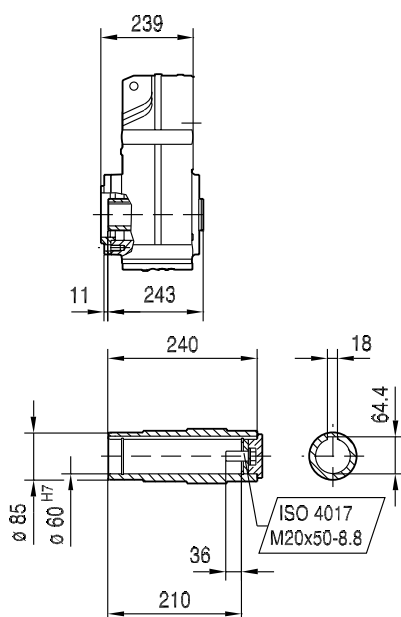
(→ 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	521	517	567	598	648	666	692	758	758	781
LS	614	611	661	710	760	804	829	947	947	970
LB	297	293	343	374	424	442	468	534	534	557
LBS	390	387	437	486	536	580	605	723	723	746

FAZ87..

42 052 00 14

**FAZ87..****FHZ87..**

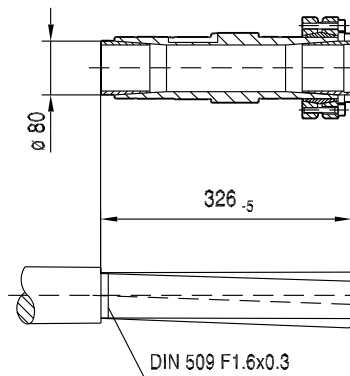
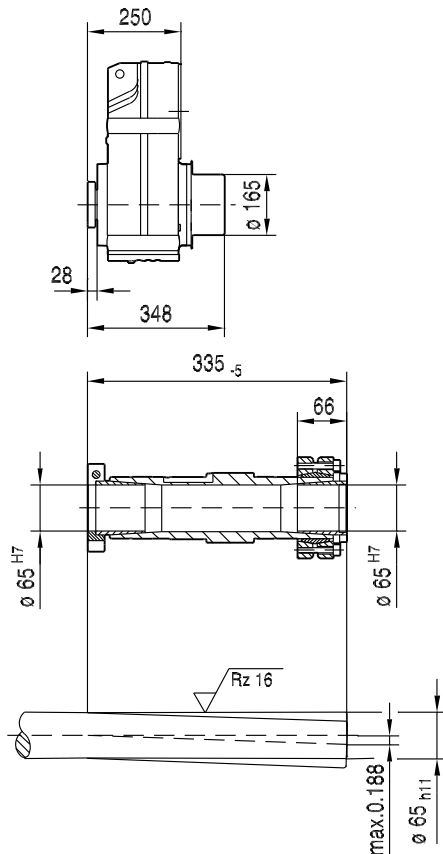
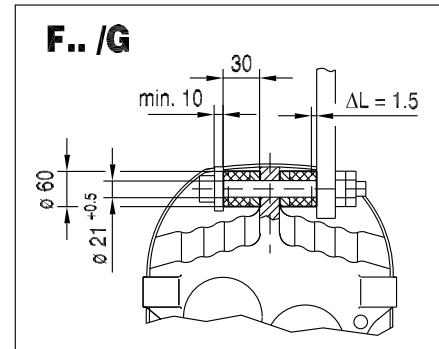
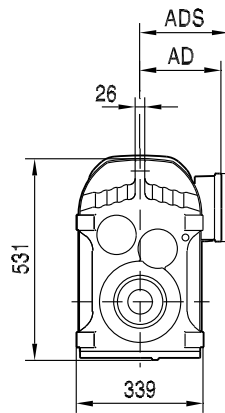
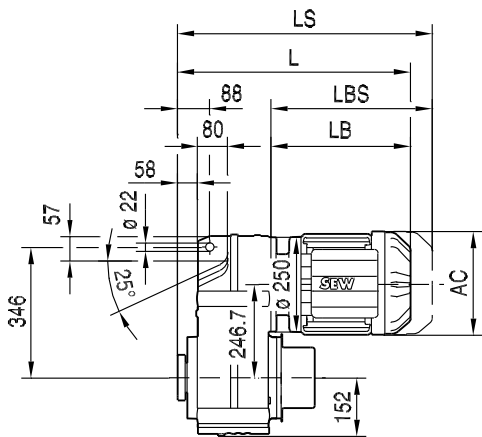
FHZ87/R.. → 6.3

FVZ87..

(→ 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	536	532	582	613	663	681	707	773	773	796
LS	629	626	676	725	775	819	844	962	962	985
LB	297	293	343	374	424	442	468	534	534	557
LBS	390	387	437	486	536	580	605	723	723	746

FT87..

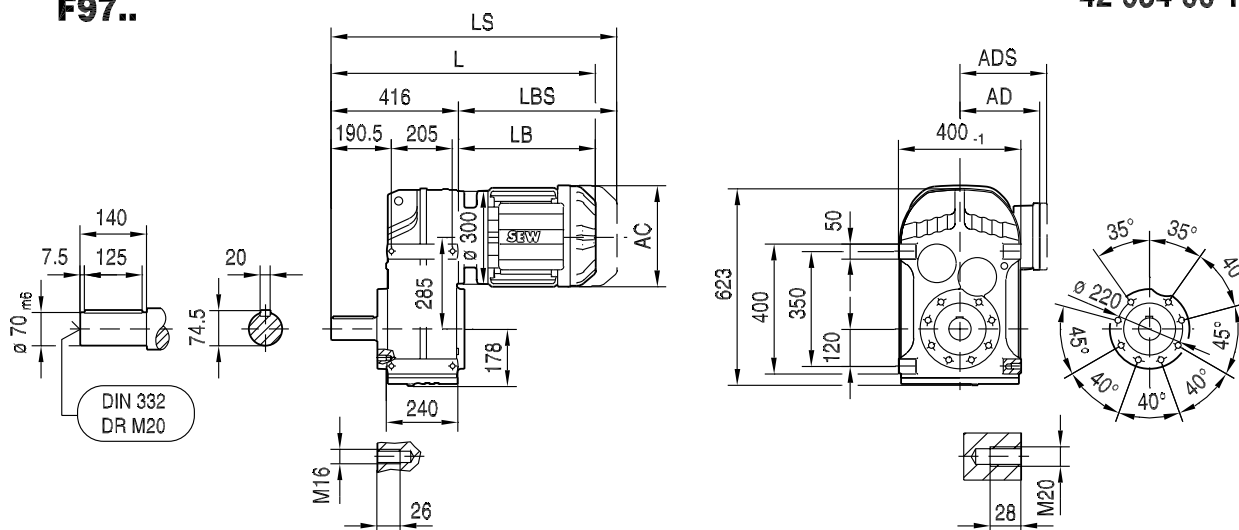
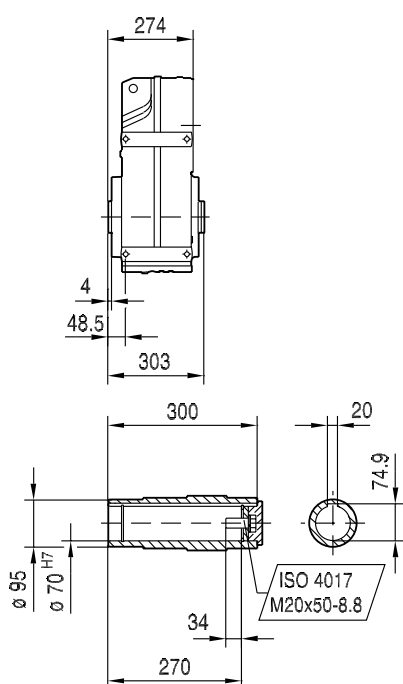
42 053 00 14



(→ 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	547	543	593	624	674	692	718	784	784	807
LS	640	637	687	736	786	830	855	973	973	996
LB	297	293	343	374	424	442	468	534	534	557
LBS	390	387	437	486	536	580	605	723	723	746

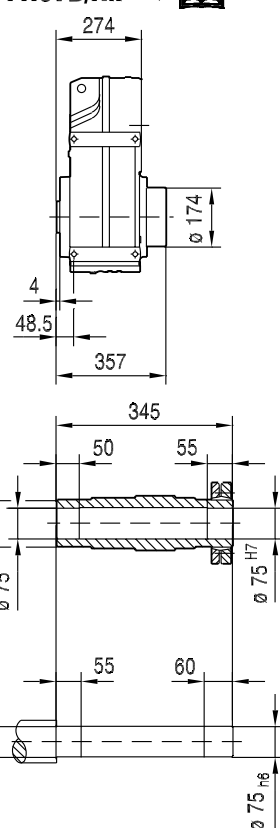
42 054 00 14

F97..

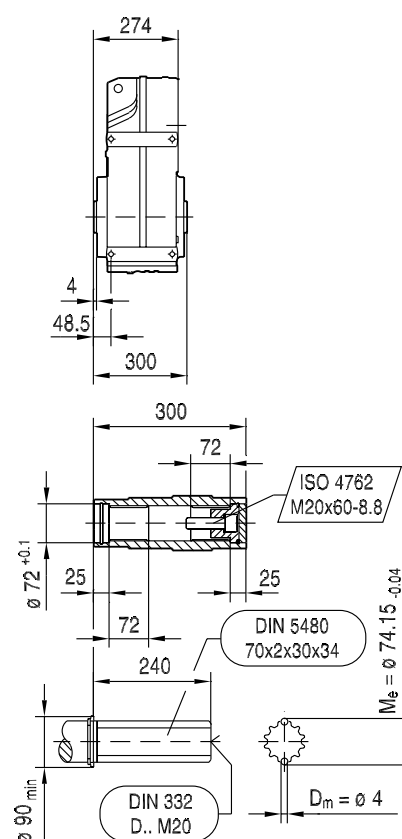
**FA97B..**

FH97B..

FH97B/R.. → **6.3**



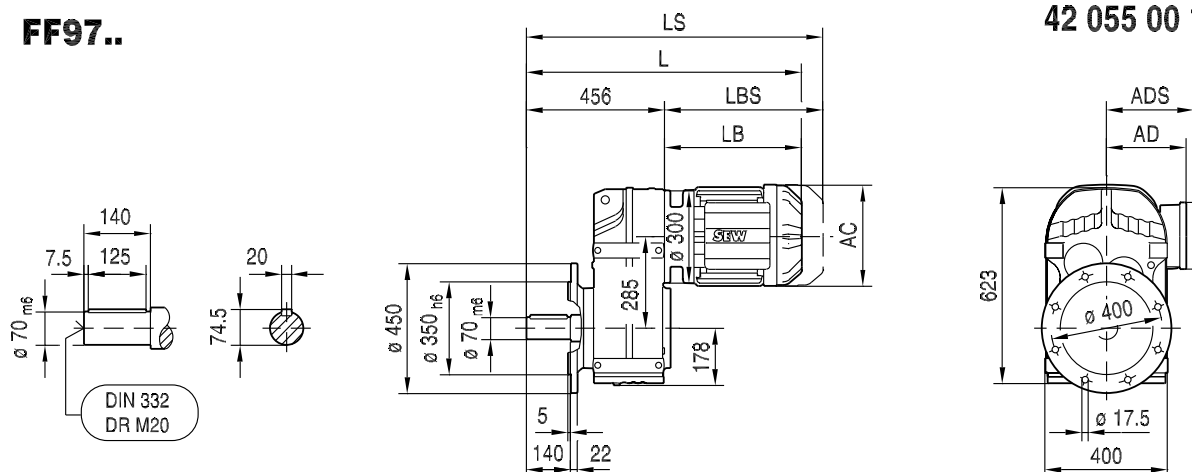
FV97B..



(→ 142)	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L
AC	197	197	221	221	261	261	314	314	357	394
AD	157	157	170	170	228	228	253	253	268	283
ADS	158	158	172	172	228	228	253	253	268	283
L	704	754	785	835	853	879	945	945	968	1078
LS	798	848	897	947	991	1016	1134	1134	1157	1283
LB	288	338	369	419	437	463	529	529	552	662
LBS	382	432	481	531	575	600	718	718	741	867

FF97..

42 055 00 14

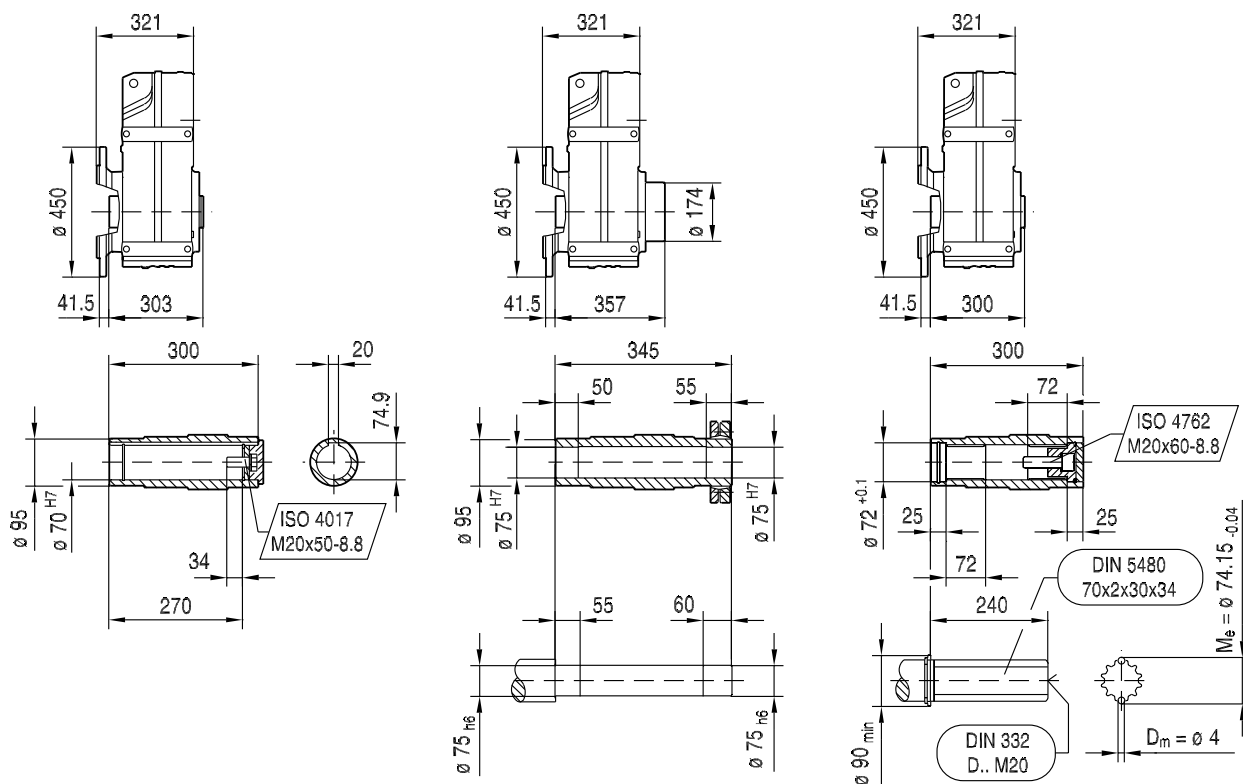


FAF97..

FHF97..

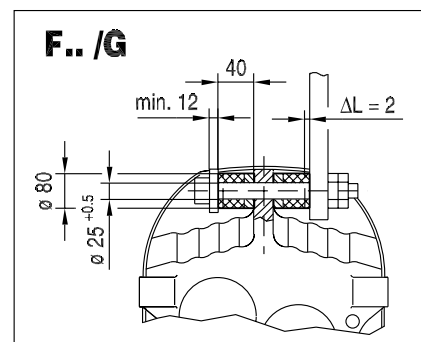
FHF97/R.. →  **6.3**

FVF97..

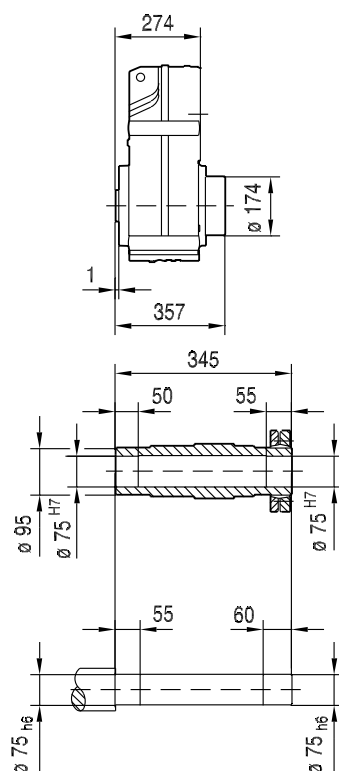


(→ 📄 142)	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L
AC	197	197	221	221	261	261	314	314	357	394
AD	157	157	170	170	228	228	253	253	268	283
ADS	158	158	172	172	228	228	253	253	268	283
L	744	794	825	875	893	919	985	985	1008	1118
LS	838	888	937	987	1031	1056	1174	1174	1197	1323
LB	288	338	369	419	437	463	529	529	552	662
LBS	382	432	481	531	575	600	718	718	741	867

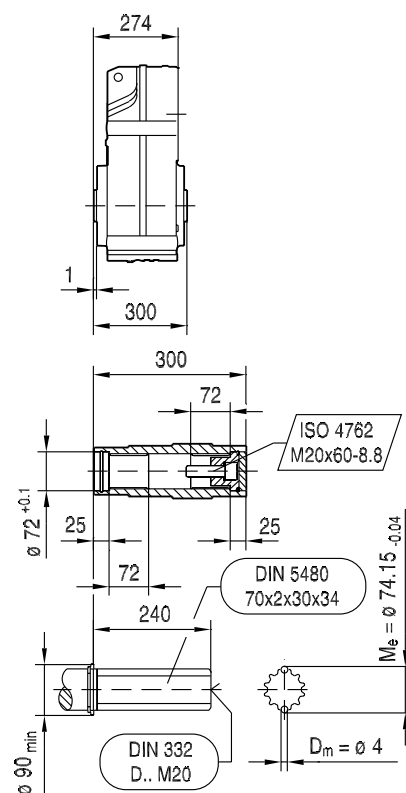
FA97..



FH97..
FH97/R.. →  6.3



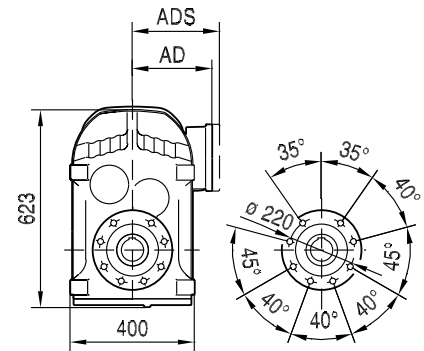
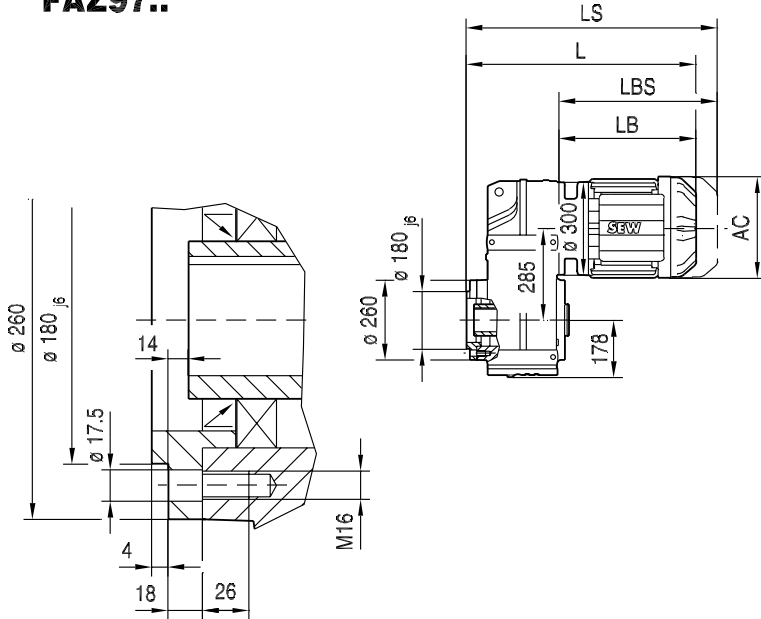
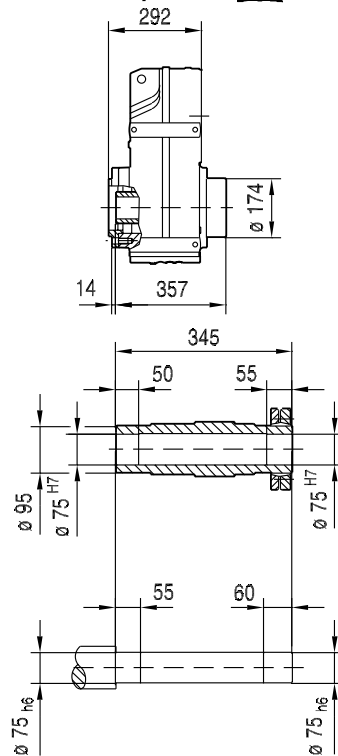
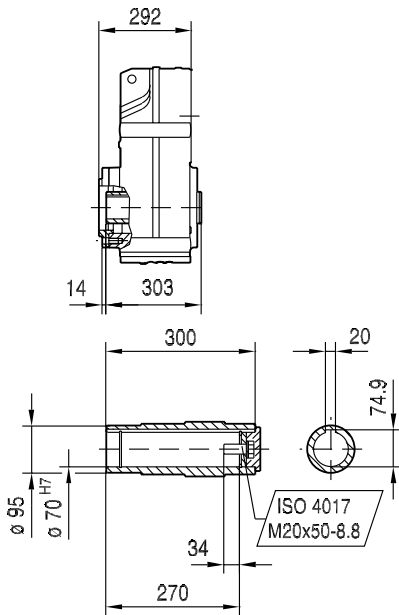
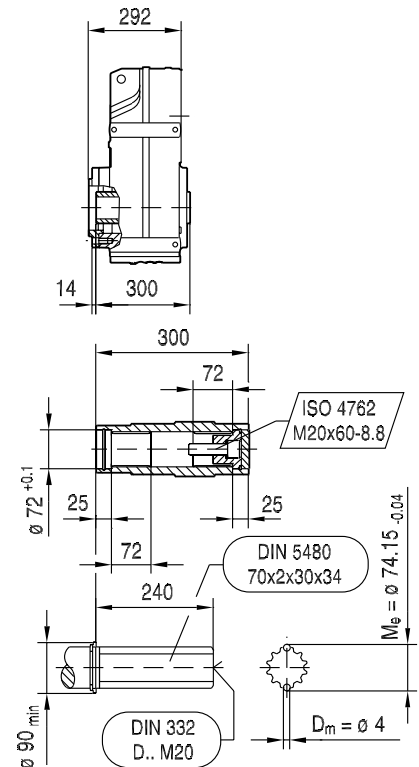
FV97..



(→ 142)	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L
AC	197	197	221	221	261	261	314	314	357	394
AD	157	157	170	170	228	228	253	253	268	283
ADS	158	158	172	172	228	228	253	253	268	283
L	562	612	643	693	711	737	803	803	826	936
LS	656	706	755	805	849	874	992	992	1015	1141
LB	288	338	369	419	437	463	529	529	552	662
LBS	382	432	481	531	575	600	718	718	741	867

FAZ97..

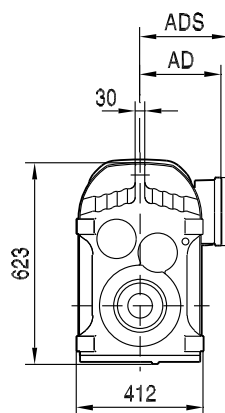
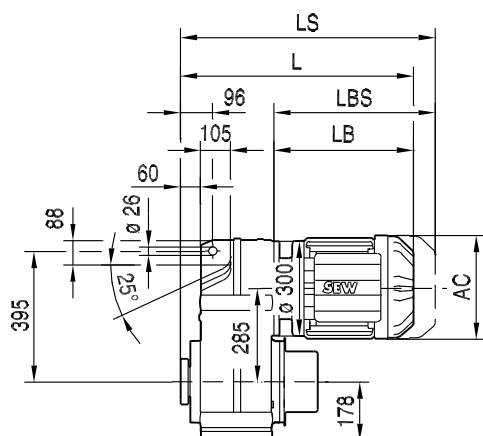
42 057 00 14


FAZ97..
FHZ97..
FHZ97/R.. → 6.3

FVZ97..


21284997/EN – 03/2015

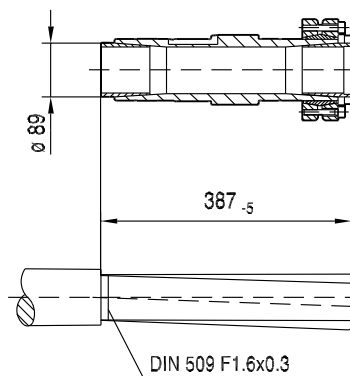
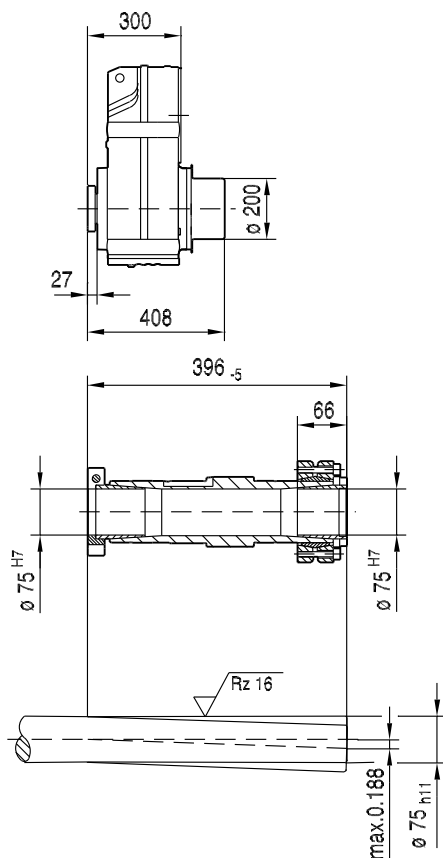
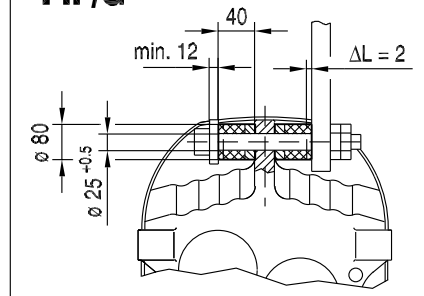
(→ 142)	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L
AC	197	197	221	221	261	261	314	314	357	394
AD	157	157	170	170	228	228	253	253	268	283
ADS	158	158	172	172	228	228	253	253	268	283
L	580	630	661	711	729	755	821	821	844	954
LS	674	724	773	823	867	892	1010	1010	1033	1159
LB	288	338	369	419	437	463	529	529	552	662
LBS	382	432	481	531	575	600	718	718	741	867

FT97..



42 058 00 14

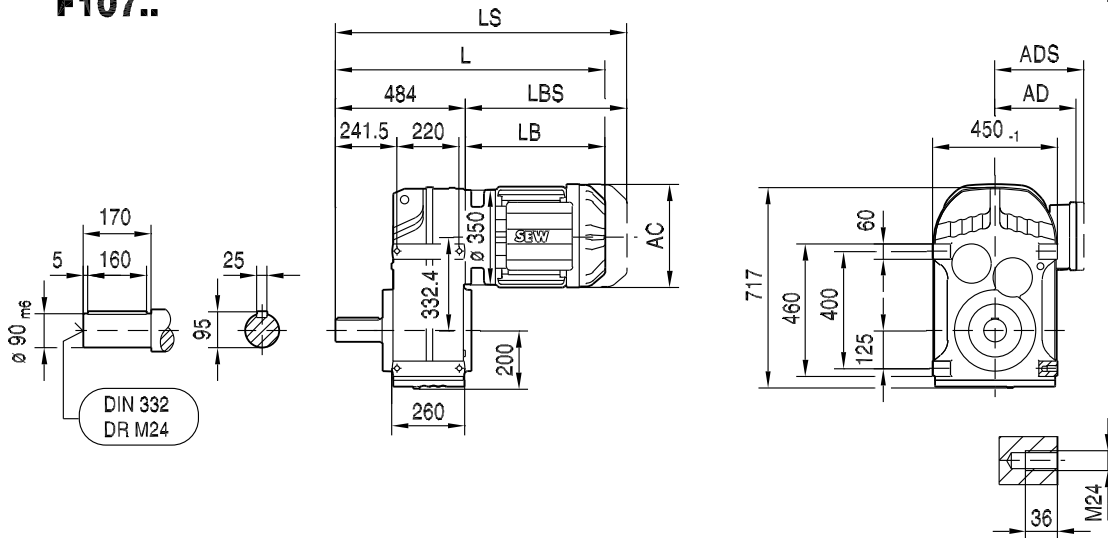
F.. /G



(→ 142)	DRN90L	DRN100LS	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..
AC	179	197	197	221	221	261	261	314	314	357
AD	140	157	157	170	170	228	228	253	253	268
ADS	150	158	158	172	172	228	228	253	253	268
L	592	588	638	669	719	737	763	829	829	852
LS	685	682	732	781	831	875	900	1018	1018	1041
LB	292	288	338	369	419	437	463	529	529	552
LBS	385	382	432	481	531	575	600	718	718	741

F107..

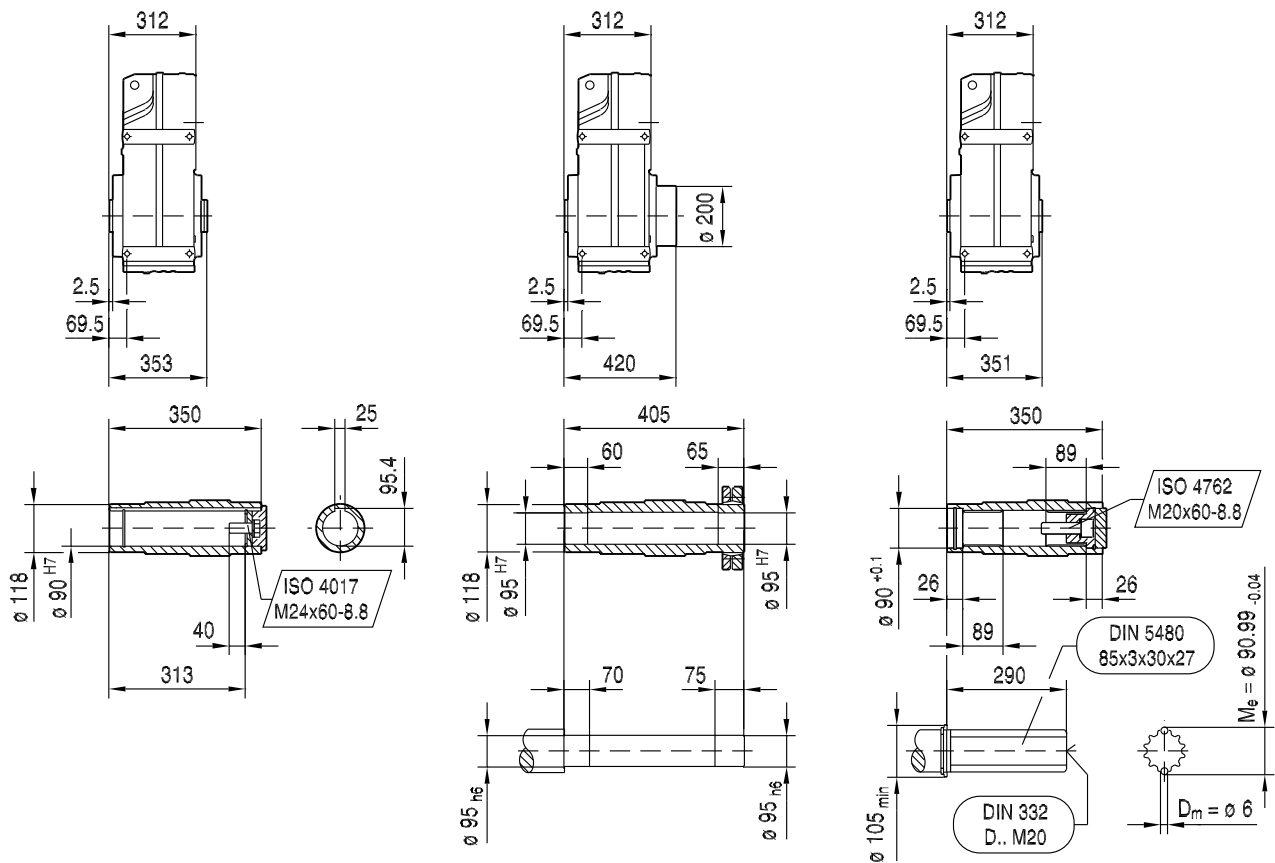
42 059 00 14



FA107B..

FH107B..

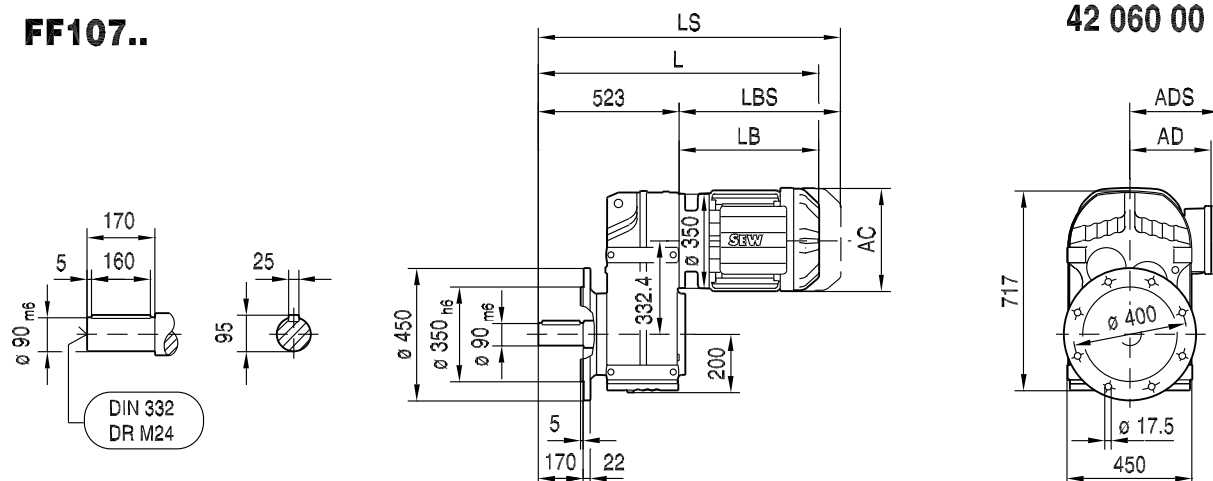
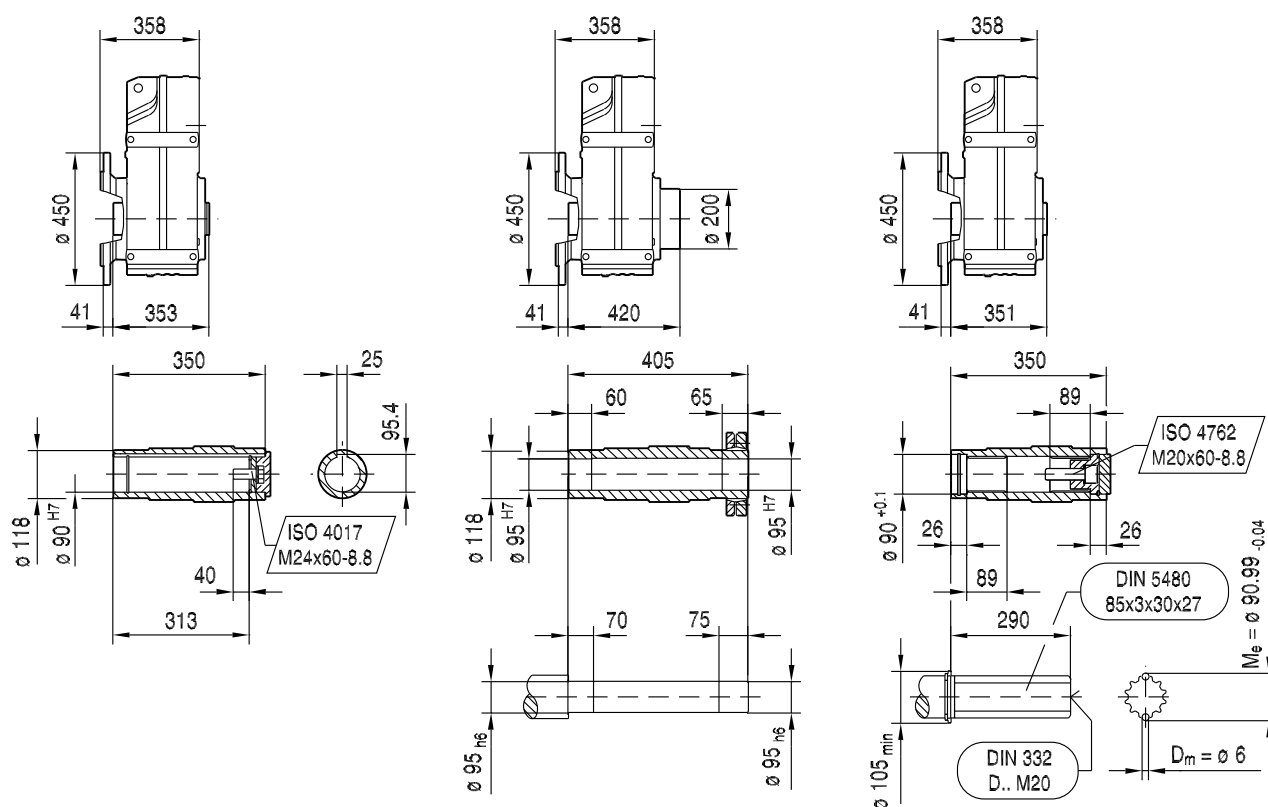
FV107B..



(→ 142)	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..
AC	197	221	221	261	261	314	314	357	394	434
AD	157	170	170	228	228	253	253	268	283	305
ADS	158	172	172	228	228	253	253	268	283	305
L	816	847	897	915	941	1007	1007	1030	1140	1114
LS	910	959	1009	1053	1078	1196	1196	1219	1345	1319
LB	332	363	413	431	457	523	523	546	656	630
LBS	426	475	525	569	594	712	712	735	861	835

FF107..

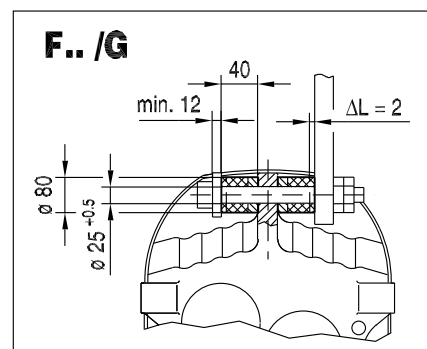
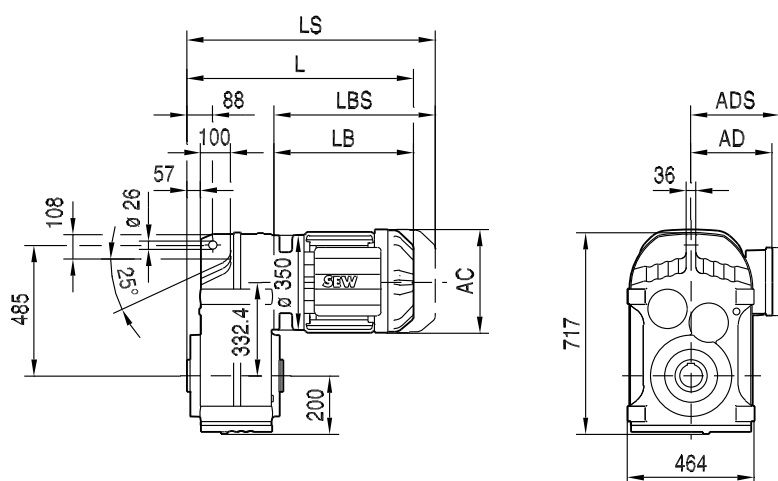
42 060 00 14

**FAF107..****FHF107..****FVF107..**

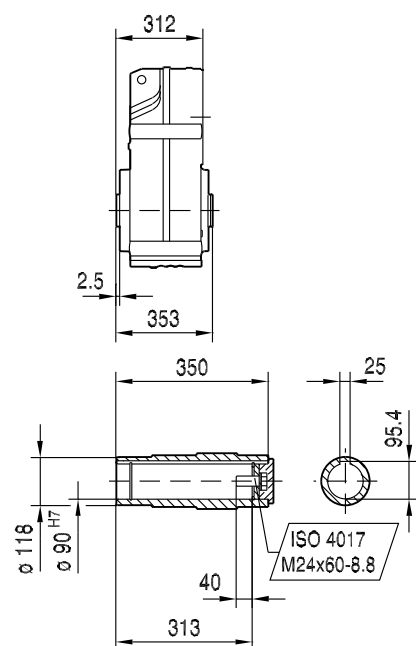
(→ 142)	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..
AC	197	221	221	261	261	314	314	357	394	434
AD	157	170	170	228	228	253	253	268	283	305
ADS	158	172	172	228	228	253	253	268	283	305
L	855	886	936	954	980	1046	1046	1069	1179	1153
LS	949	998	1048	1092	1117	1235	1235	1258	1384	1358
LB	332	363	413	431	457	523	523	546	656	630
LBS	426	475	525	569	594	712	712	735	861	835

FA107..

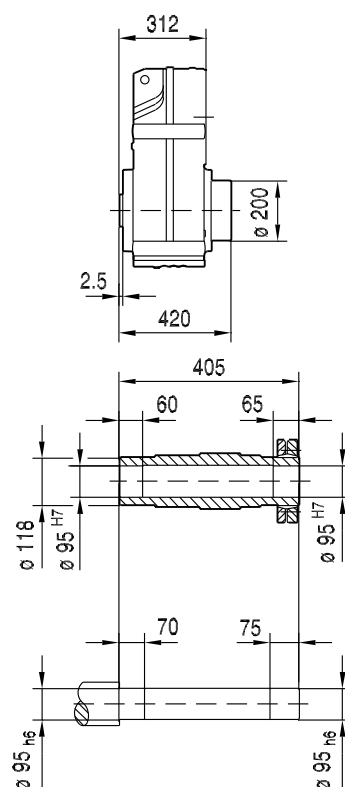
42 061 00 14



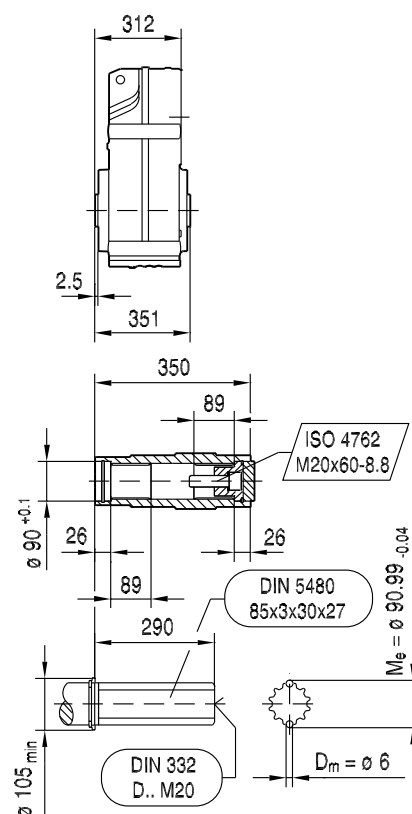
FA107..



FH107..



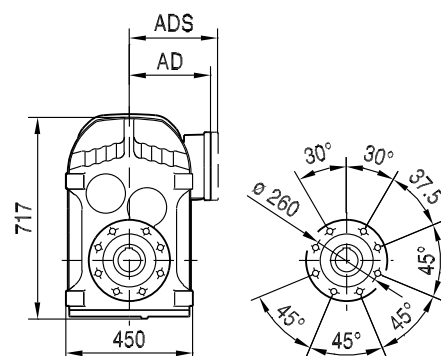
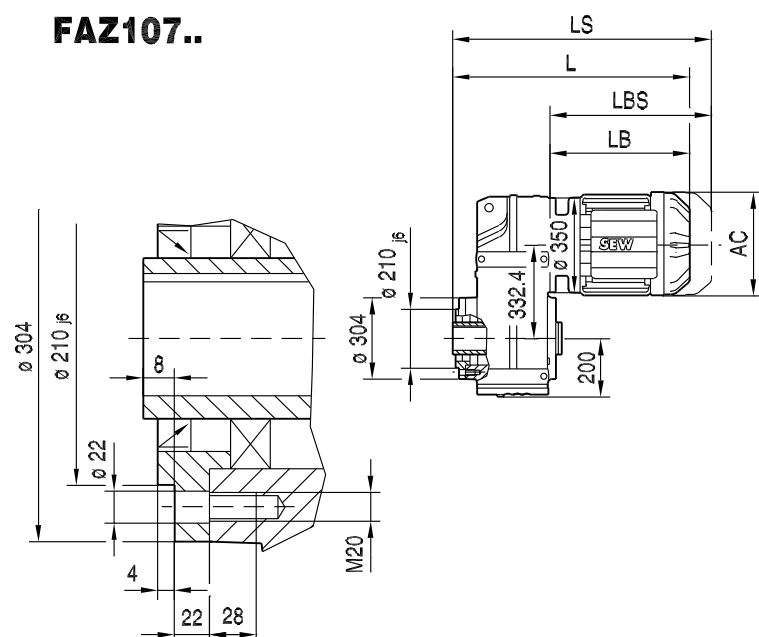
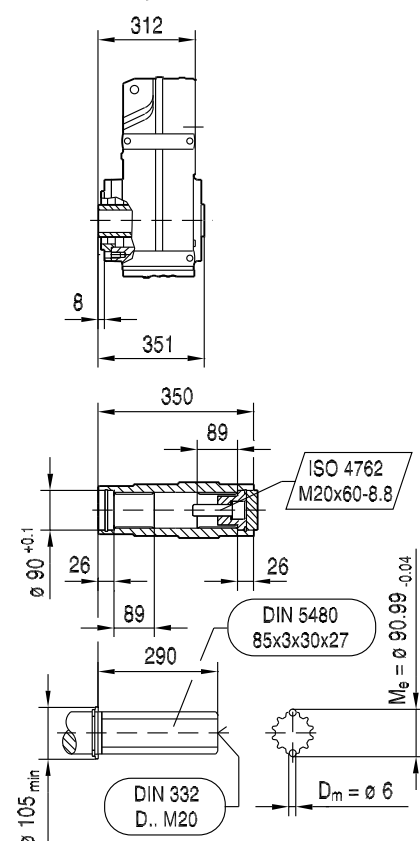
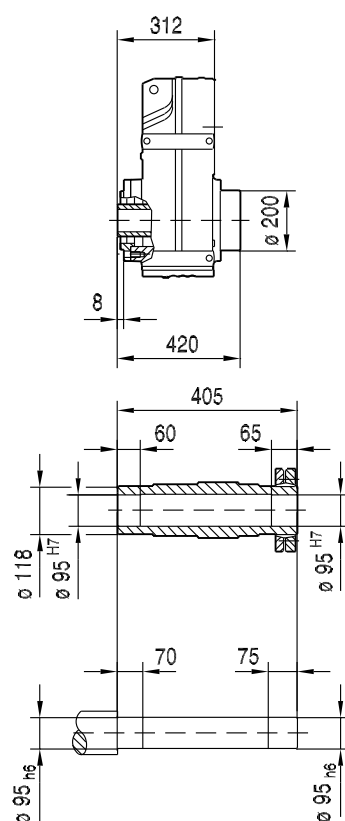
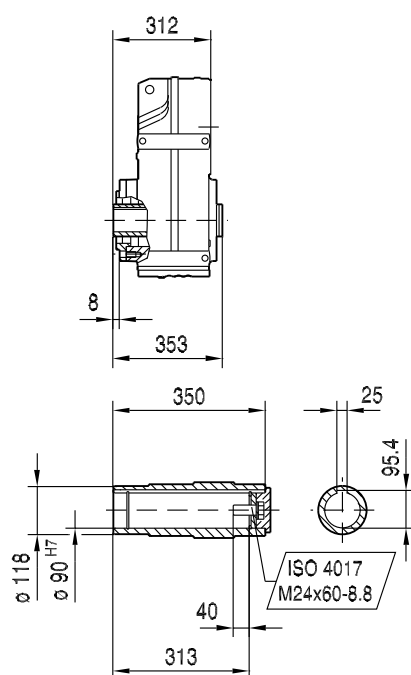
FV107..



(→ 142)	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..
AC	197	221	221	261	261	314	314	357	394	434
AD	157	170	170	228	228	253	253	268	283	305
ADS	158	172	172	228	228	253	253	268	283	305
L	644	675	725	743	769	835	835	858	968	942
LS	738	787	837	881	906	1024	1024	1047	1173	1147
LB	332	363	413	431	457	523	523	546	656	630
LBS	426	475	525	569	594	712	712	735	861	835

FAZ107..

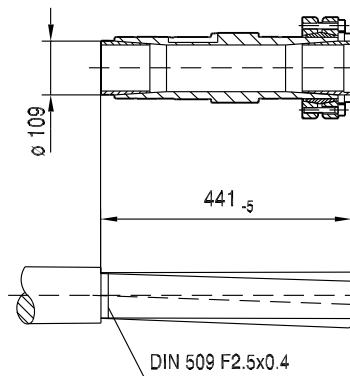
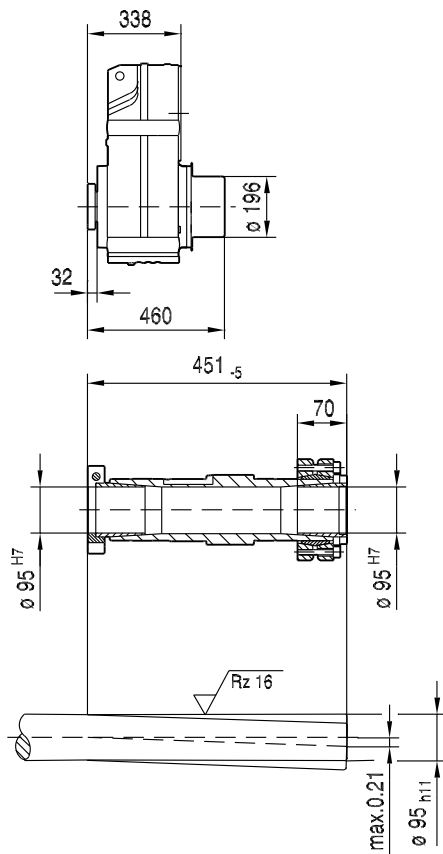
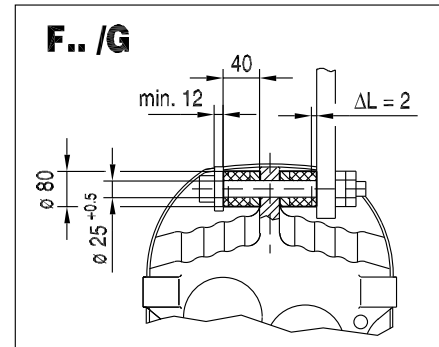
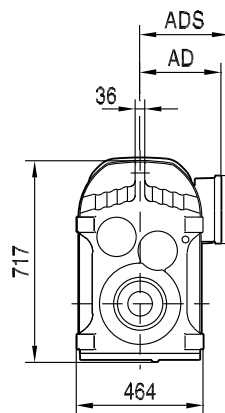
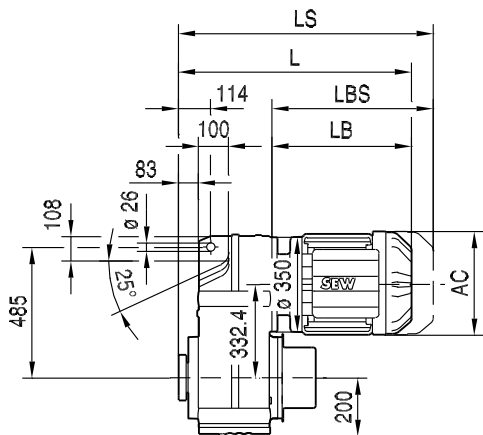
42 062 00 14

**FAZ107..****FHZ107..****FVZ107..**

(→ 142)	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..
AC	197	221	221	261	261	314	314	357	394	434
AD	157	170	170	228	228	253	253	268	283	305
ADS	158	172	172	228	228	253	253	268	283	305
L	644	675	725	743	769	835	835	858	968	942
LS	738	787	837	881	906	1024	1024	1047	1173	1147
LB	332	363	413	431	457	523	523	546	656	630
LBS	426	475	525	569	594	712	712	735	861	835

FT107..

42 063 00 14



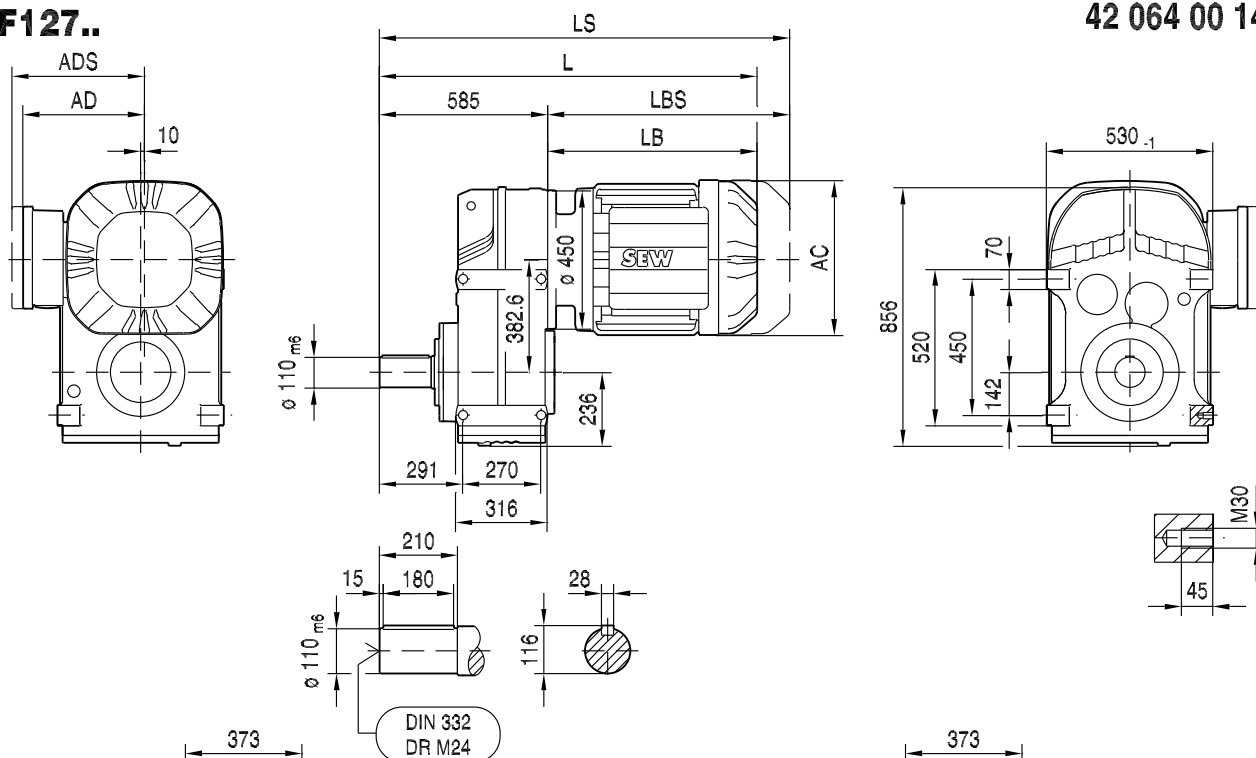
(→ 142)	DRN100L	DRN112M	DRN132S	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..
AC	197	221	221	261	261	314	314	357	394	434
AD	157	170	170	228	228	253	253	268	283	305
ADS	158	172	172	228	228	253	253	268	283	305
L	670	701	751	769	795	861	861	884	994	968
LS	764	813	863	907	932	1050	1050	1073	1199	1173
LB	332	363	413	431	457	523	523	546	656	630
LBS	426	475	525	569	594	712	712	735	861	835

9 Parallel-shaft helical gearmotors

F..DRN.. dimension sheets in mm

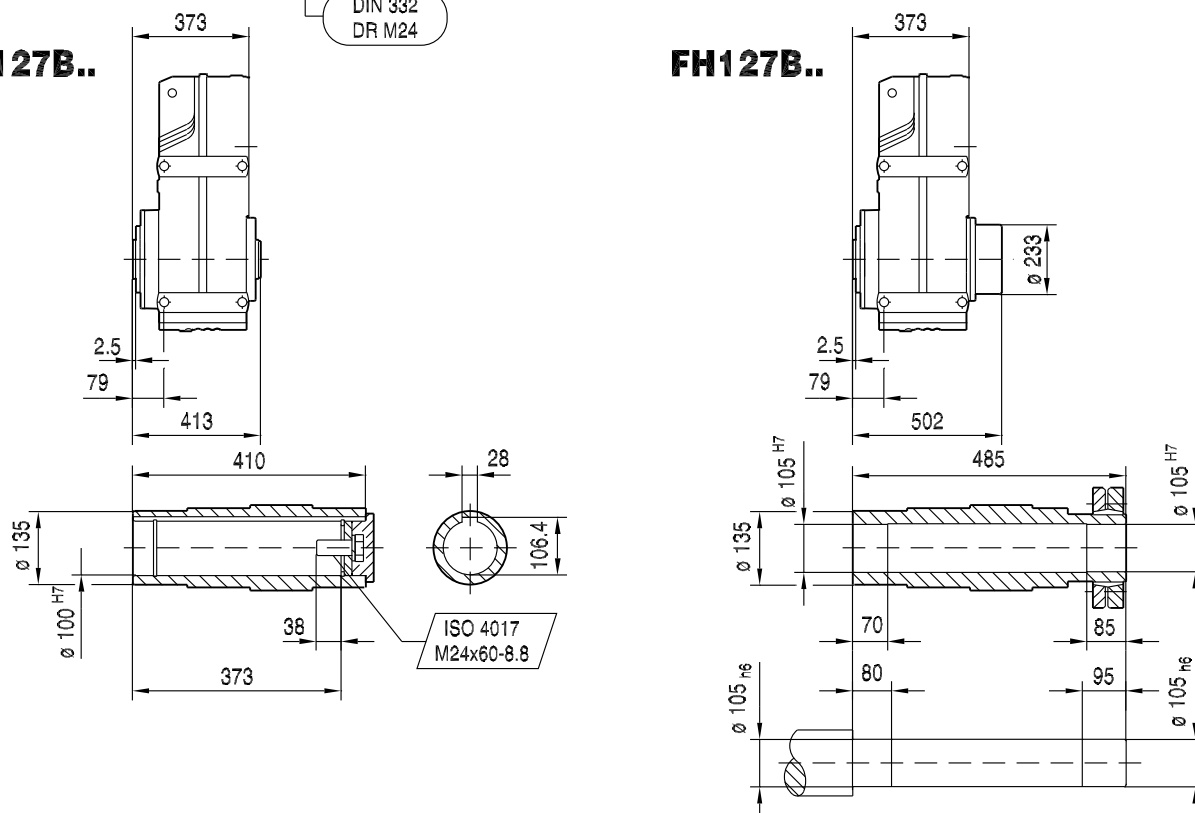
F127..

42 064 00 14

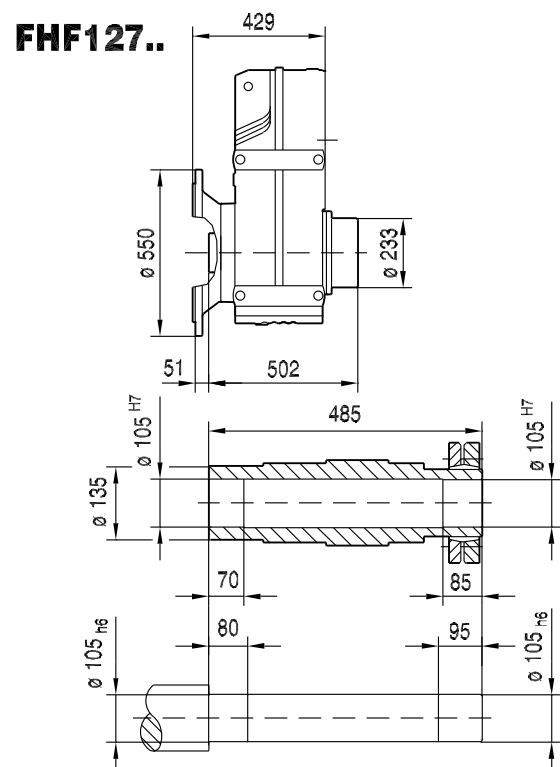
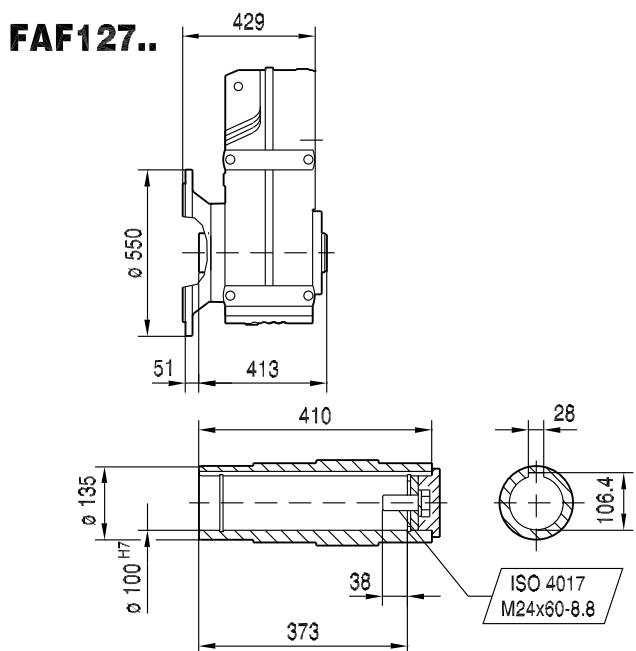
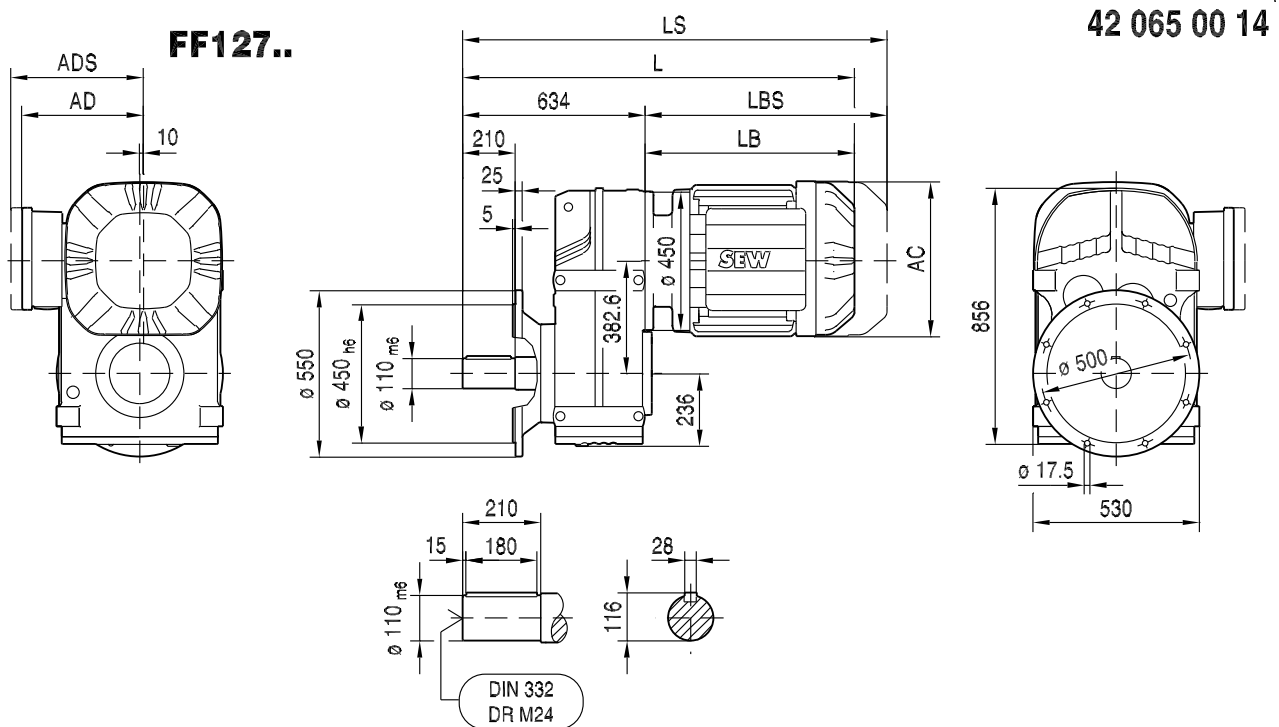


FA127B..

FH127B..



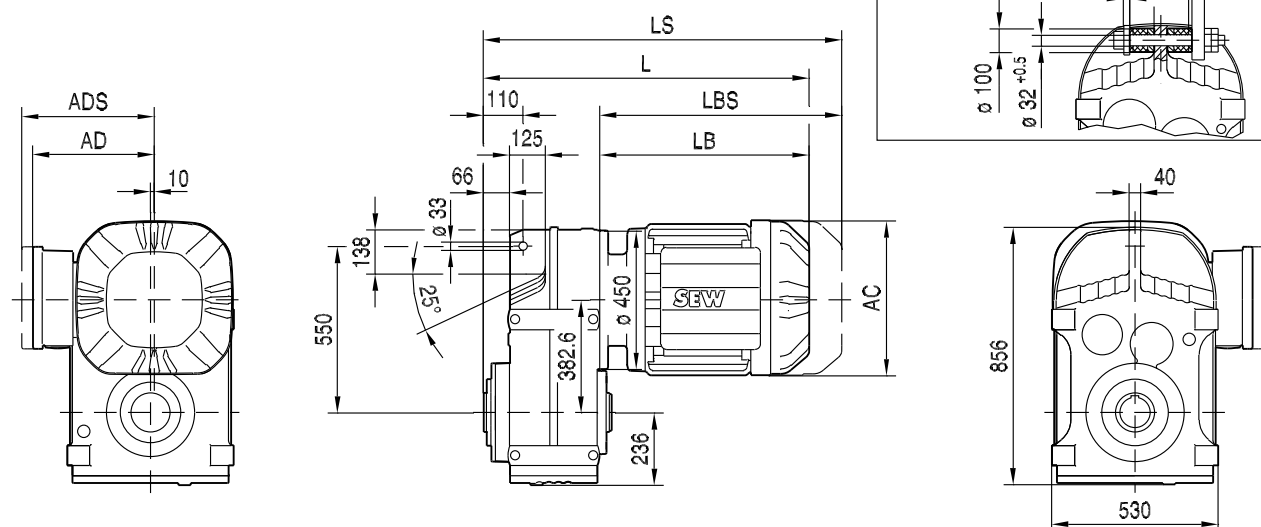
(→ 142)	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M
AC	261	261	314	314	357	394	434	495	495	495
AD	228	228	253	253	268	283	305	394	394	394
ADS	228	228	253	253	268	283	305	394	394	394
L	1001	1027	1093	1093	1116	1226	1200	1337	1337	1432
LS	1139	1164	1282	1282	1305	1431	1405	1577	1577	1672
LB	416	442	508	508	531	641	615	752	752	847
LBS	554	579	697	697	720	846	820	992	992	1087



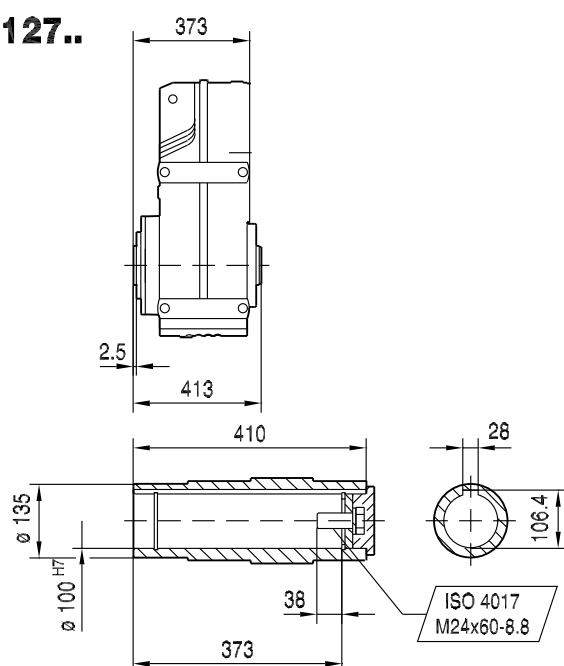
(→ 142)	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M
AC	261	261	314	314	357	394	434	495	495	495
AD	228	228	253	253	268	283	305	394	394	394
ADS	228	228	253	253	268	283	305	394	394	394
L	1050	1076	1142	1142	1165	1275	1249	1386	1386	1481
LS	1188	1213	1331	1331	1354	1480	1454	1626	1626	1721
LB	416	442	508	508	531	641	615	752	752	847
LBS	554	579	697	697	720	846	820	992	992	1087

FA127..

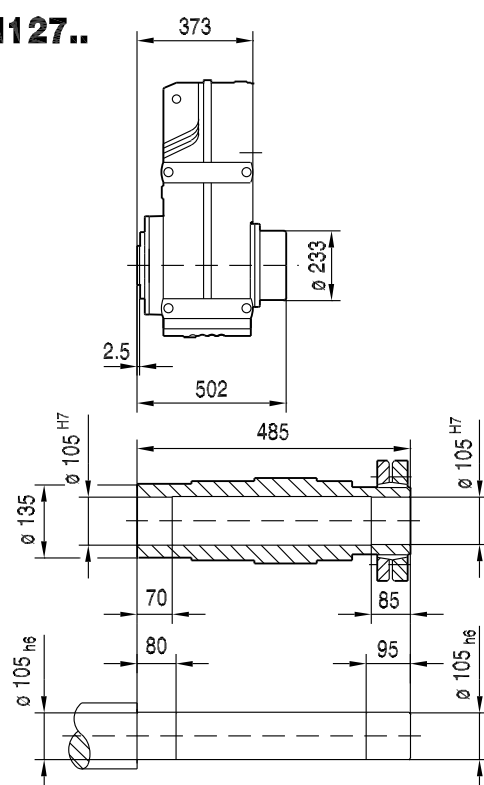
42 066 00 14



FA127..



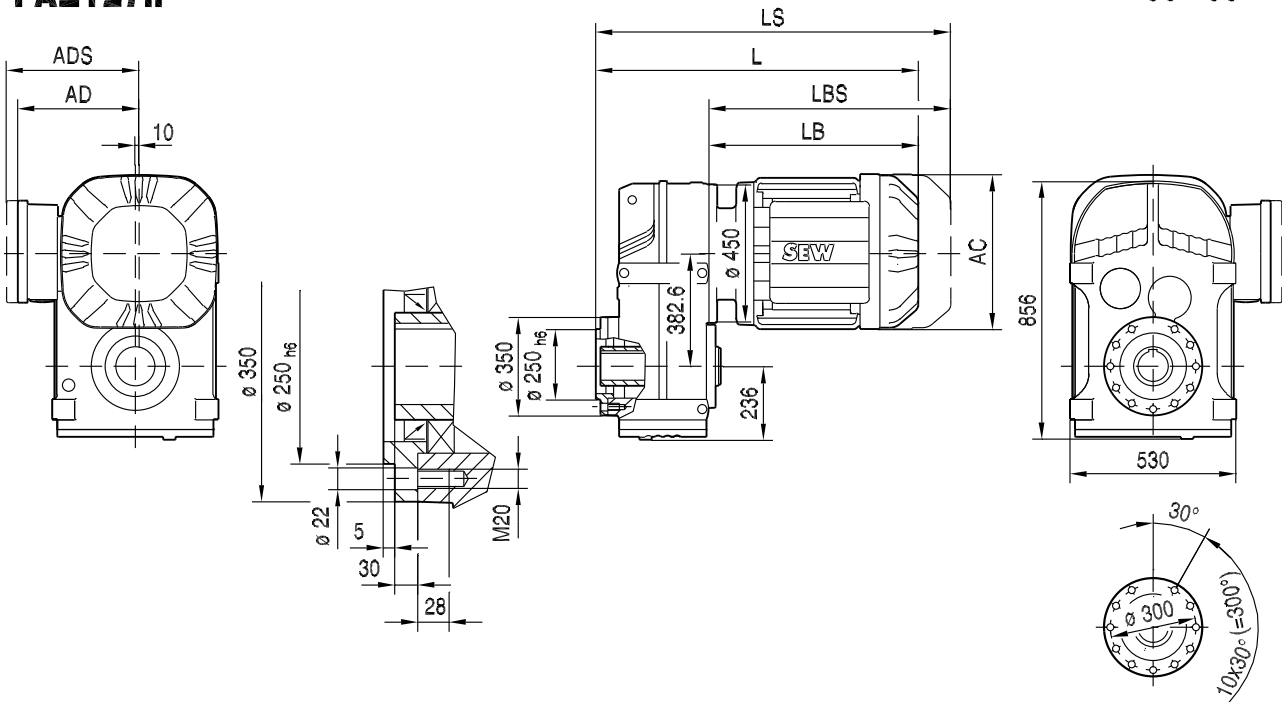
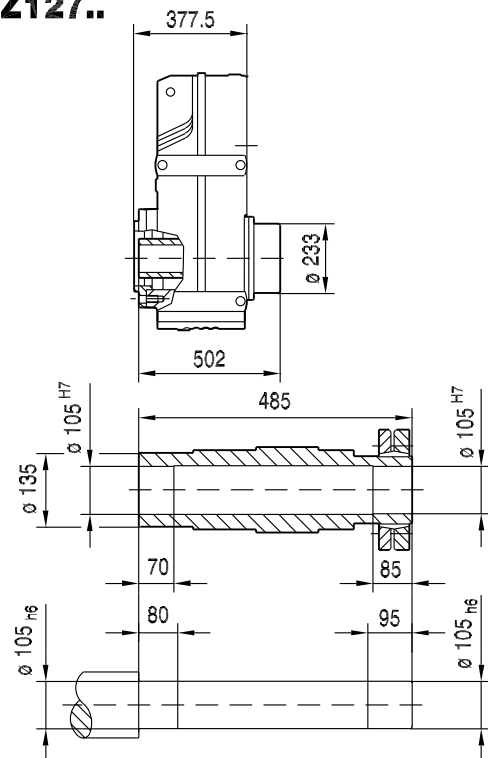
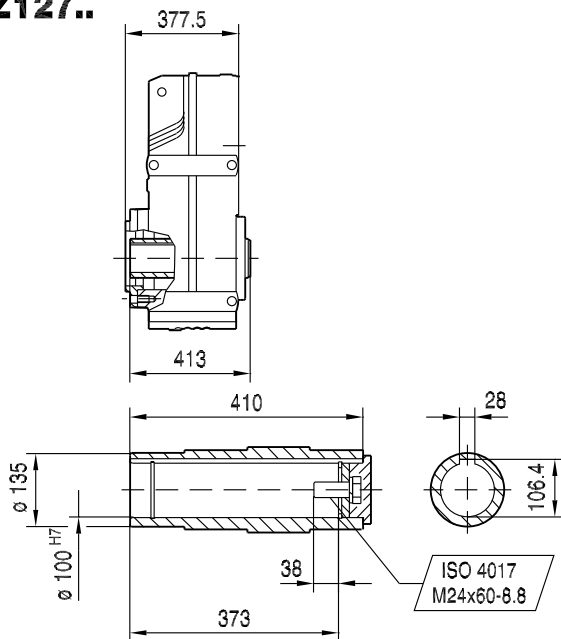
FH127..



(→ 142)	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M
AC	261	261	314	314	357	394	434	495	495	495
AD	228	228	253	253	268	283	305	394	394	394
ADS	228	228	253	253	268	283	305	394	394	394
L	789	815	881	881	904	1014	988	1125	1125	1220
LS	927	952	1070	1070	1093	1219	1193	1365	1365	1460
LB	416	442	508	508	531	641	615	752	752	847
LBS	554	579	697	697	720	846	820	992	992	1087

FAZ127..

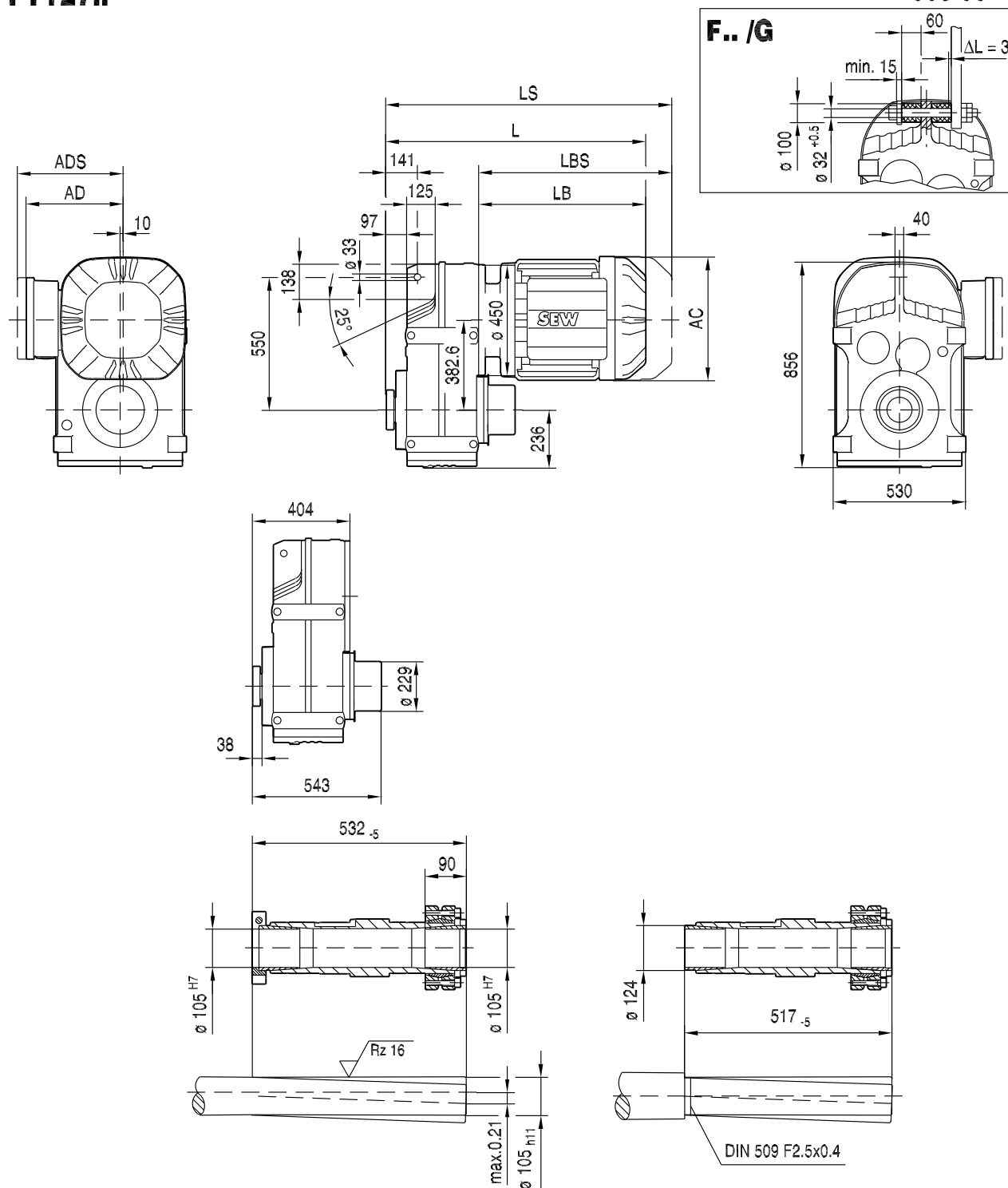
42 067 00 14


FAZ127..
FHZ127..


(→ 142)	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M
AC	261	261	314	314	357	394	434	495	495	495
AD	228	228	253	253	268	283	305	394	394	394
ADS	228	228	253	253	268	283	305	394	394	394
L	794	819	886	886	909	1018	993	1130	1130	1225
LS	931	956	1075	1075	1098	1223	1198	1370	1370	1465
LB	416	442	508	508	531	641	615	752	752	847
LBS	554	579	697	697	720	846	820	992	992	1087

FT127..

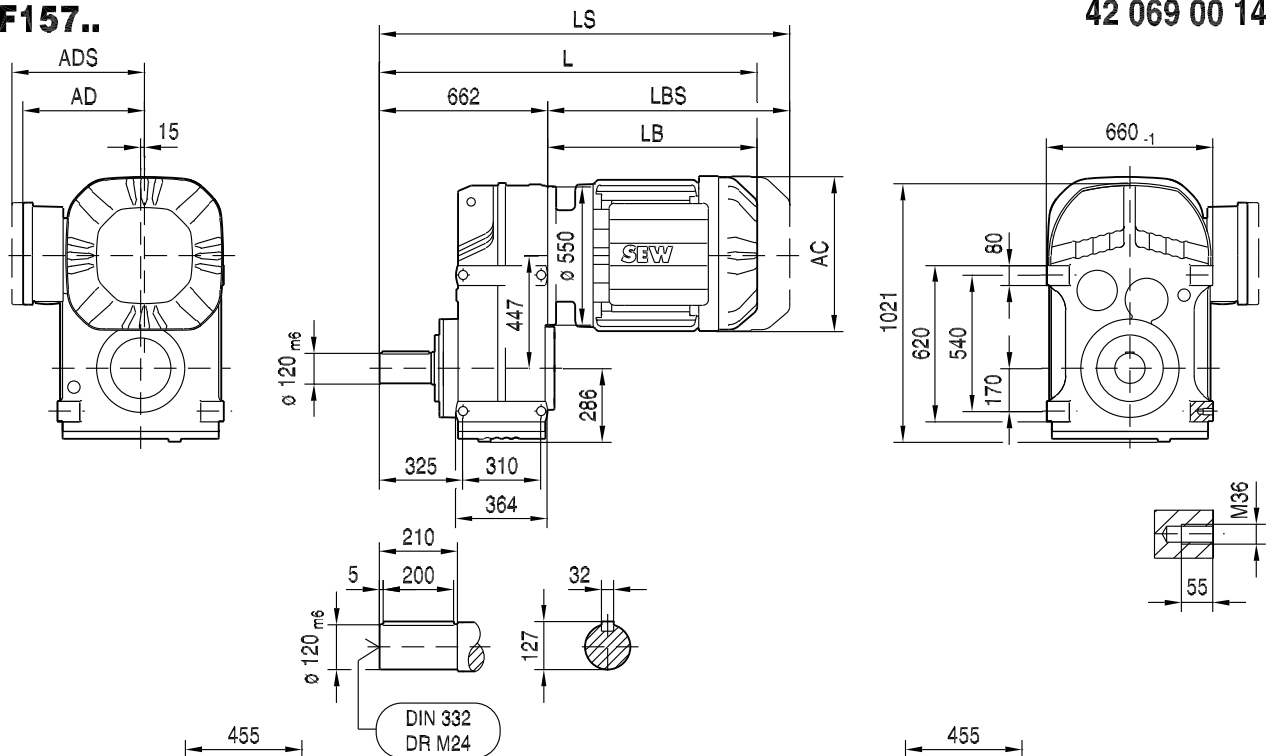
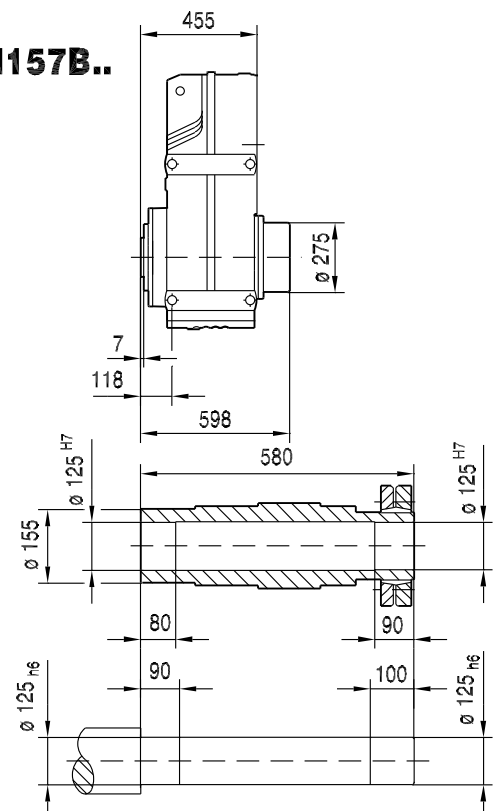
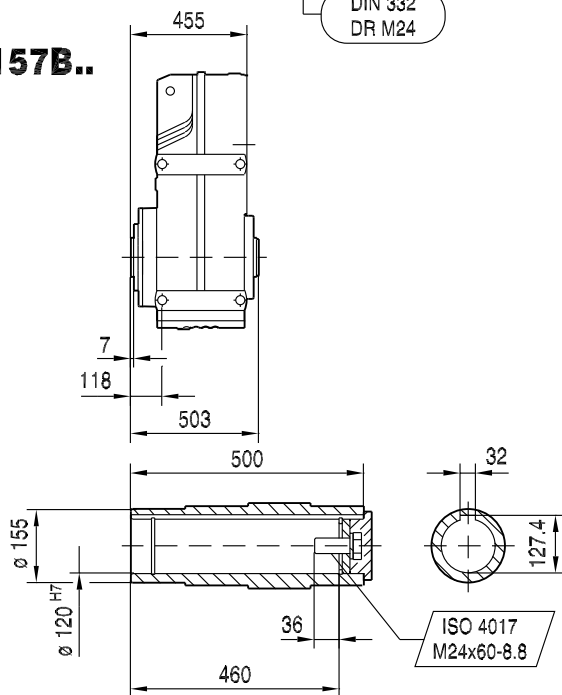
42 068 00 14



(→ 142)	DRN132M	DRN132L	DRN160M	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M
AC	261	261	314	314	357	394	434	495	495	495
AD	228	228	253	253	268	283	305	394	394	394
ADS	228	228	253	253	268	283	305	394	394	394
L	820	846	912	912	935	1045	1019	1156	1156	1251
LS	958	983	1101	1101	1124	1250	1224	1396	1396	1491
LB	416	442	508	508	531	641	615	752	752	847
LBS	554	579	697	697	720	846	820	992	992	1087

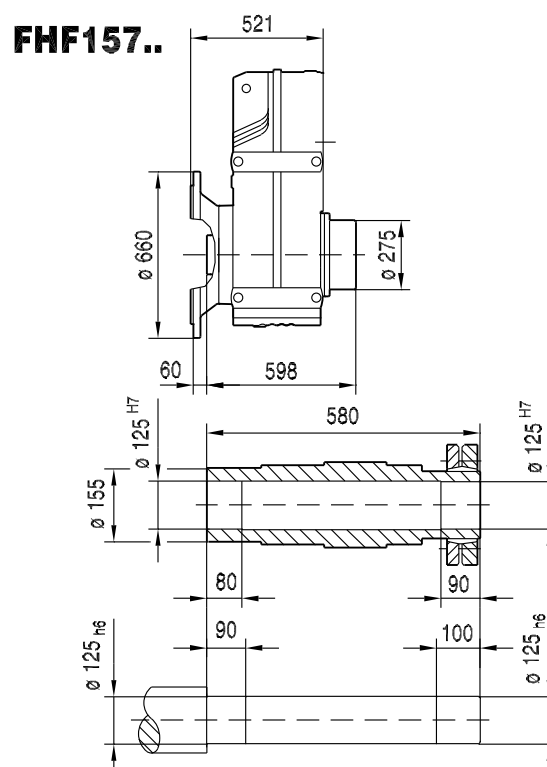
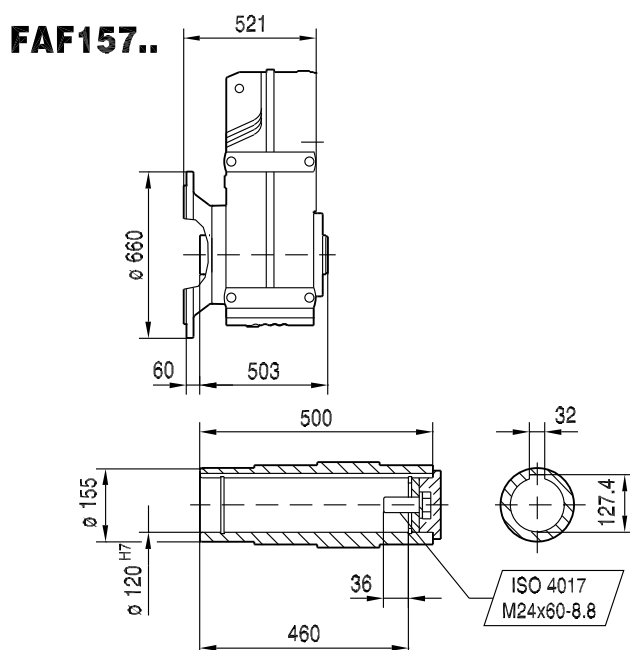
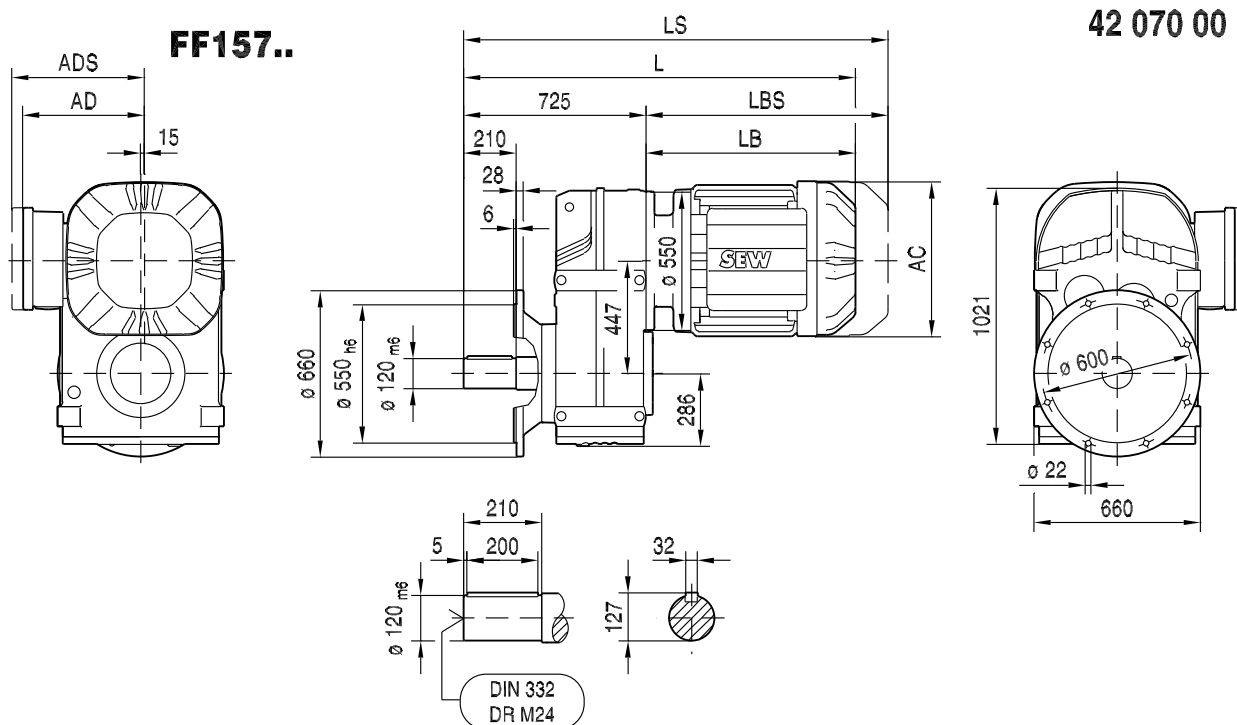
F157..

42 069 00 14


FA157B..
FH157B..


(→ 142)	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M	DRN315S-M	DRN315ME-H
AC	314	357	394	434	495	495	495	624	624
AD	253	268	283	305	394	394	394	506	506
ADS	253	268	283	305	394	394	394	506	506
L	1162	1185	1295	1269	1406	1406	1501	1603	1733
LS	1351	1374	1500	1474	1646	1646	1741	1854	1984
LB	500	523	633	607	744	744	839	941	1071
LBS	689	712	838	812	984	984	1079	1192	1322

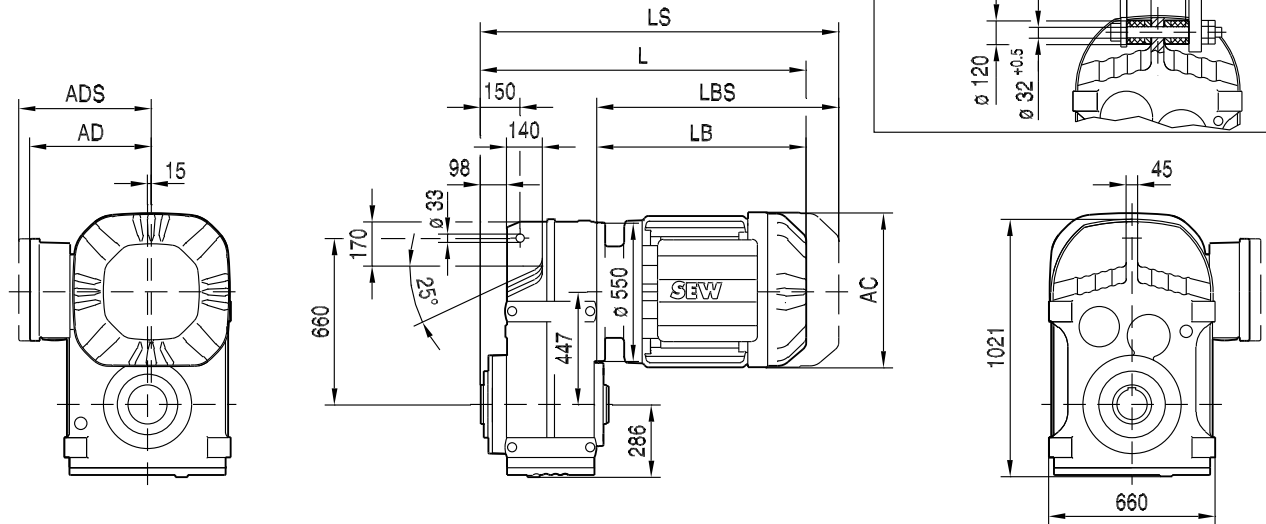
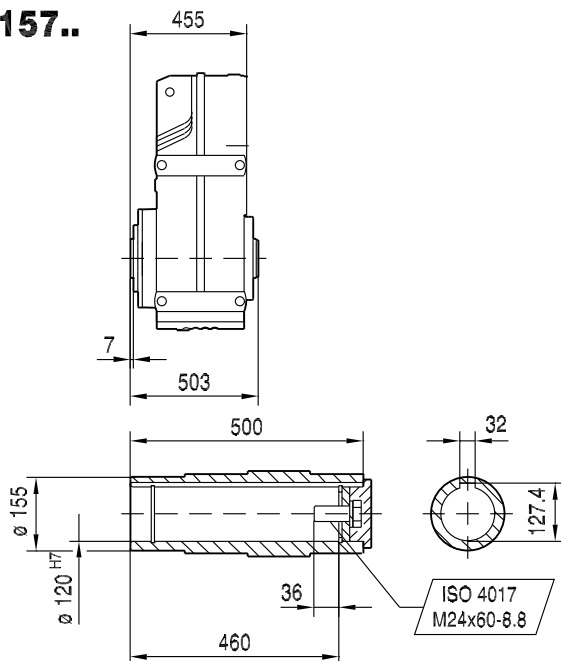
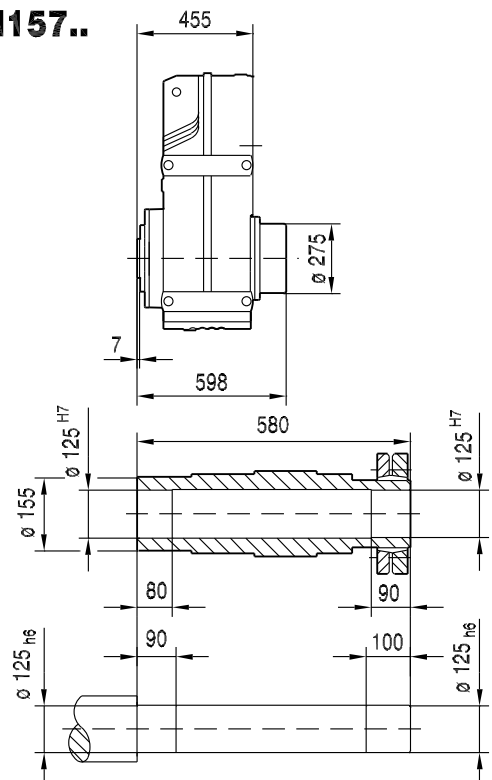
42 070 00 14



(→ 142)	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M	DRN315S-M	DRN315ME-H
AC	314	357	394	434	495	495	495	624	624
AD	253	268	283	305	394	394	394	506	506
ADS	253	268	283	305	394	394	394	506	506
L	1225	1248	1358	1332	1469	1469	1564	1666	1796
LS	1414	1437	1563	1537	1709	1709	1804	1917	2047
LB	500	523	633	607	744	744	839	941	1071
LBS	689	712	838	812	984	984	1079	1192	1322

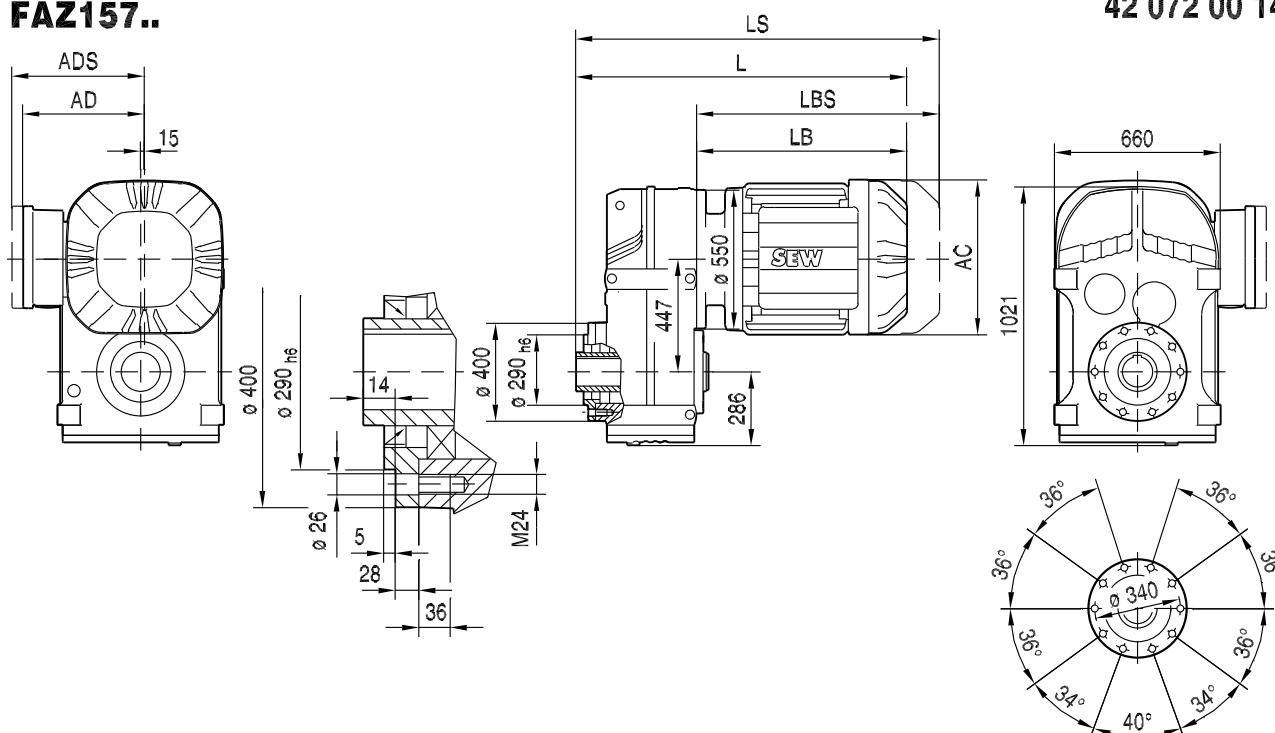
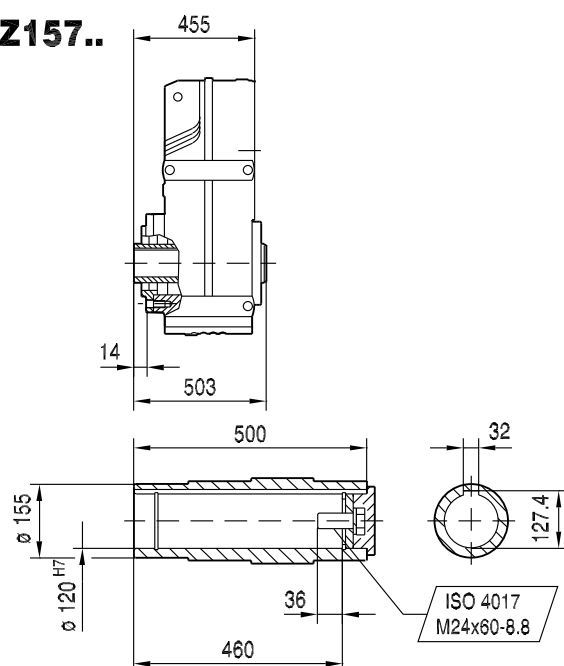
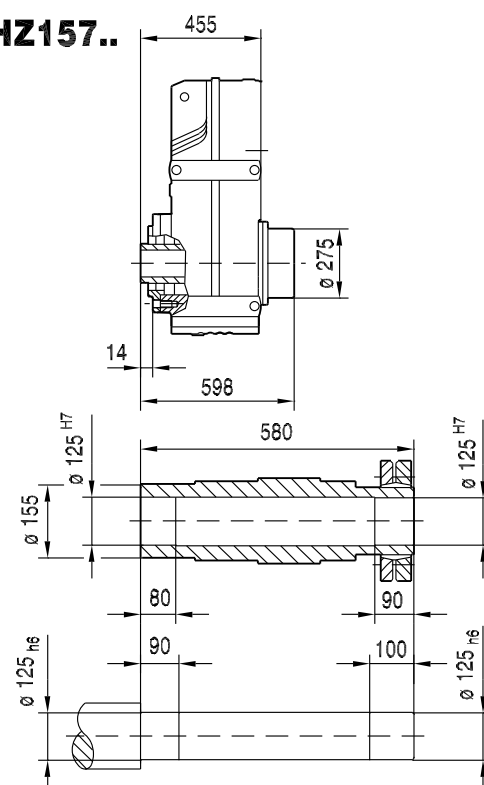
FA157..

42 071 00 14


FA157..

FH157..


(→ 142)	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M	DRN315S-M	DRN315ME-H
AC	314	357	394	434	495	495	495	624	624
AD	253	268	283	305	394	394	394	506	506
ADS	253	268	283	305	394	394	394	506	506
L	955	978	1088	1062	1199	1199	1294	1396	1526
LS	1144	1167	1293	1267	1439	1439	1534	1647	1777
LB	500	523	633	607	744	744	839	941	1071
LBS	689	712	838	812	984	984	1079	1192	1322

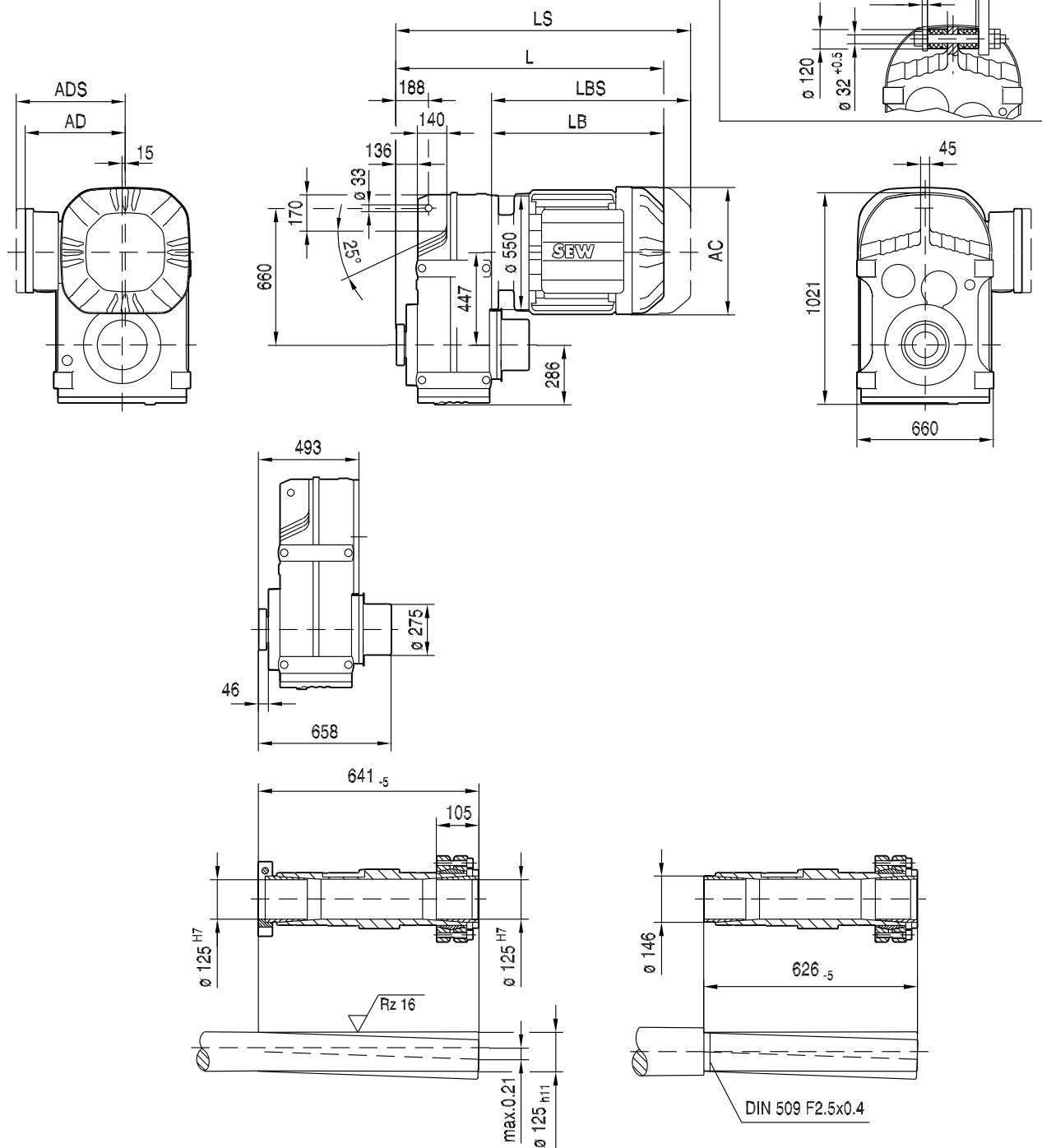
42 072 00 14

FAZ157..**FAZ157..****FHZ157..**

(→ 142)	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M	DRN315S-M	DRN315ME-H
AC	314	357	394	434	495	495	495	624	624
AD	253	268	283	305	394	394	394	506	506
ADS	253	268	283	305	394	394	394	506	506
L	955	978	1088	1062	1199	1199	1294	1396	1526
LS	1144	1167	1293	1267	1439	1439	1534	1647	1777
LB	500	523	633	607	744	744	839	941	1071
LBS	689	712	838	812	984	984	1079	1192	1322

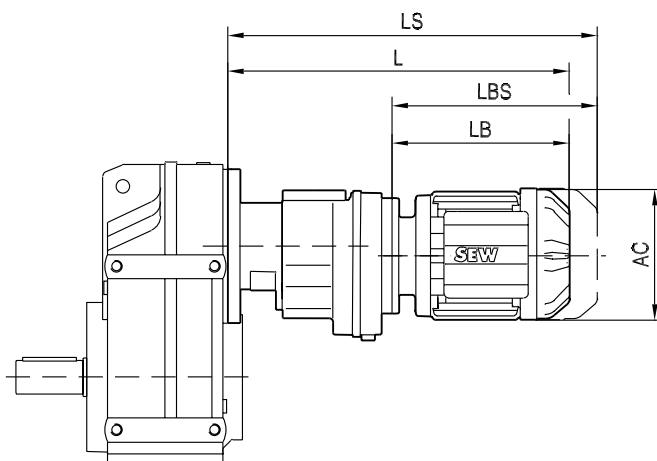
FT157..

42 073 00 14



(→ 142)	DRN160L	DRN180..	DRN200L	DRN225..	DRN250M	DRN280S	DRN280M	DRN315S-M	DRN315ME-H
AC	314	357	394	434	495	495	495	624	624
AD	253	268	283	305	394	394	394	506	506
ADS	253	268	283	305	394	394	394	506	506
L	993	1016	1126	1100	1237	1237	1332	1434	1564
LS	1182	1205	1331	1305	1477	1477	1572	1685	1815
LB	500	523	633	607	744	744	839	941	1071
LBS	689	712	838	812	984	984	1079	1192	1322

42 121 00 06



(→ 142)		AC	L	LS	LB	LBS
F..27R17	DR63..	132	324	379	149	204
F..37R17	DR63..	132	324	379	149	204
	DR71S	139	335	403	160	228
F..47R17	DR63..	132	324	379	149	204
	DR71S	139	335	403	160	228
	DR71M	139	360	428	185	253
F..57R37	DR63..	132	356	411	191	246
	DR71S	139	367	434	202	269
	DR71M	139	392	459	227	294
	DRN80M	156	446	527	281	362
F..67R37	DR63..	132	356	411	191	246
	DR71S	139	367	434	202	269
	DR71M	139	392	459	227	294
	DRN80M	156	446	527	281	362
F..77R37	DRN90S	179	448	541	283	376
	DR63..	132	348	403	191	246
	DR71S	139	359	426	202	269
	DR71M	139	384	451	227	294
	DRN80M	156	438	519	281	362
F..87R57	DRN90S	179	440	533	283	376
	DRN90L	179	472	565	315	408
	DR63..	132	412	467	185	240
	DR71S	139	423	491	196	264
	DR71M	139	448	516	221	289
	DRN80M	156	502	583	275	356
	DRN90S	179	504	597	277	370
F..97R57	DRN90L	179	536	629	309	402
	DRN100L	197	583	676	355	448
	DRN100LS	197	533	626	305	398
	DR63..	132	407	462	185	240
	DR71S	139	418	486	196	264
	DR71M	139	443	511	221	289
	DRN80M	156	497	578	275	356
	DRN90S	179	499	592	277	370
	DRN90L	179	531	624	309	402
F..97R57	DRN100L	197	578	671	355	448
	DRN100LS	197	528	621	305	398
	DRN112M	221	608	720	386	498

(→ 142)		AC	L	LS	LB	LBS
F..107R77	DR63..	132	425	480	178	233
	DR71S	139	436	504	189	257
	DR71M	139	461	529	214	282
	DRN80M	156	515	596	268	349
	DRN90S	179	517	610	270	363
	DRN90L	179	549	642	302	395
	DRN100L	197	595	688	348	441
	DRN100LS	197	545	638	298	391
	DRN112M	221	626	738	379	491
	DRN132S	221	676	788	429	541
	DRN132M	261	692	831	445	584
F..127R77	DR63..	132	410	465	178	233
	DR71S	139	421	489	189	257
	DR71M	139	446	514	214	282
	DRN80M	156	500	581	268	349
	DRN90S	179	502	595	270	363
	DRN90L	179	534	627	302	395
	DRN100L	197	580	673	348	441
	DRN100LS	197	530	623	298	391
	DRN112M	221	611	723	379	491
F..127R87	DRN132S	221	661	773	429	541
	DRN132S	221	704	816	424	536
	DRN132M	261	720	859	440	579
	DRN132L	261	745	884	465	604
	DRN160M	314	814	1003	534	723
	DRN160L	314	814	1003	534	723
F..157R97	DR71M	139	529	597	204	272
	DRN80M	156	583	664	258	339
	DRN90S	179	585	678	260	353
	DRN90L	179	617	710	292	385
	DRN100L	197	663	756	338	431
	DRN100LS	197	613	706	288	381
	DRN112M	221	694	806	369	481
	DRN132S	221	744	856	419	531
	DRN132M	261	760	899	435	574
	DRN132L	261	785	924	460	599
	DRN160M	314	854	1043	529	718
	DRN160L	314	854	1043	529	718
F..157R97	DRN180M	357	879	1068	554	743

21284997/EN – 03/2015