



گیپ بکس پارس گرج

سری K



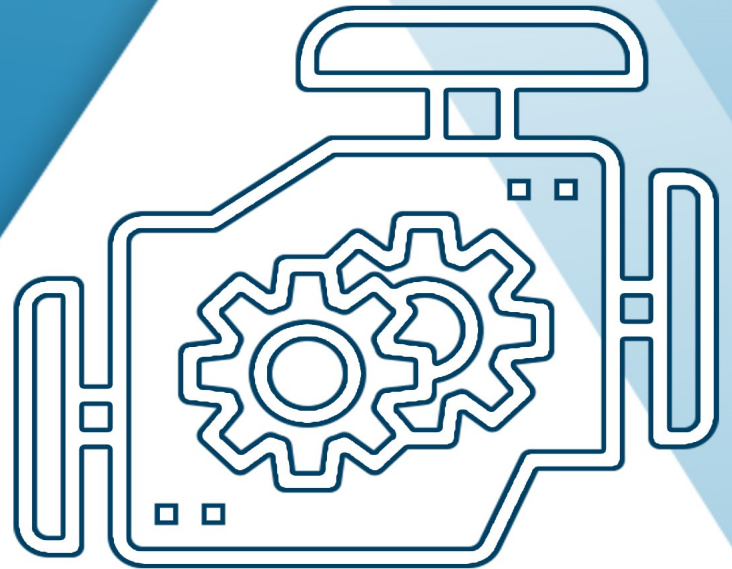
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Catalog 2021

GEARBOX

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Gearbox

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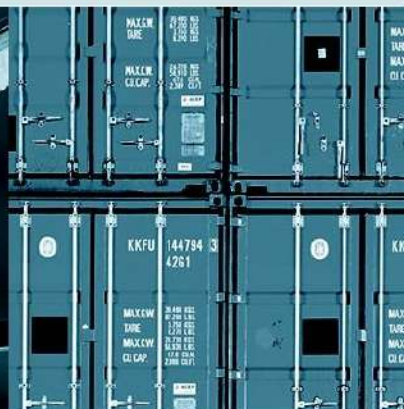
Catalog

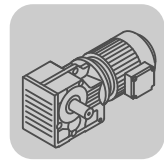


DRS Gearmotors



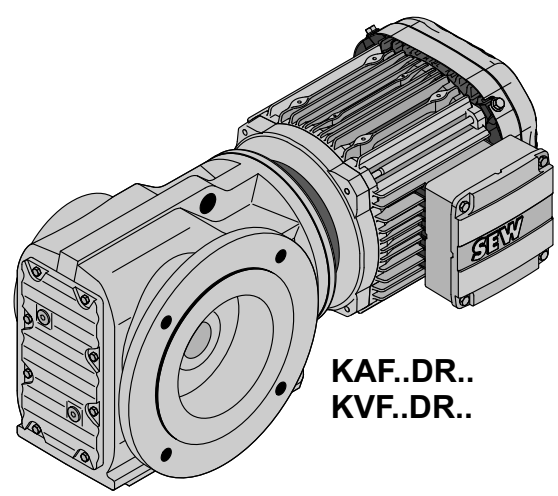
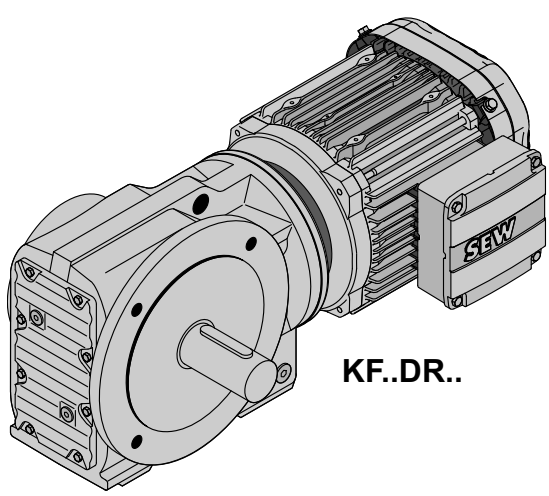
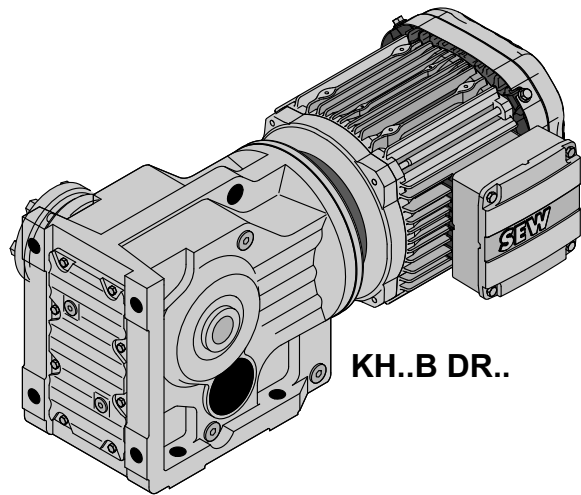
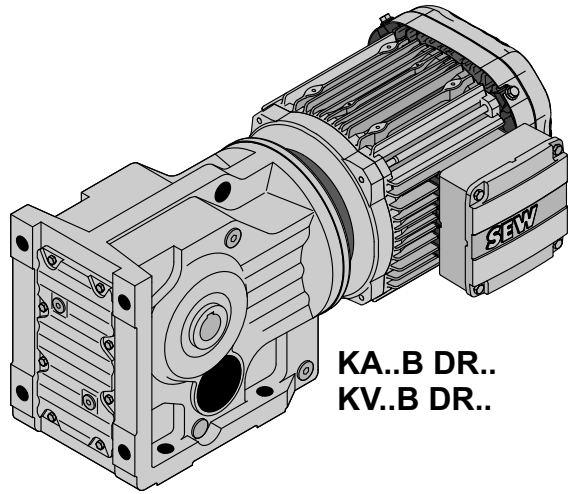
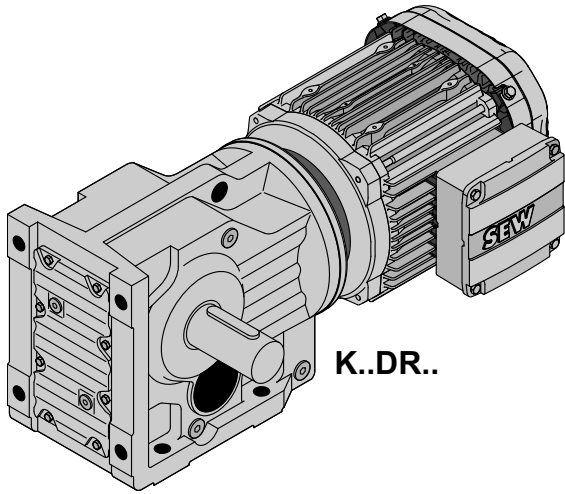
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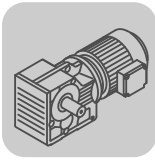


11 K..DRS

11.1 K, KA..(B), KV..(B), KH..(B), KT, KF, KAF, KVF, KHF, KAZ, KVZ..DRS



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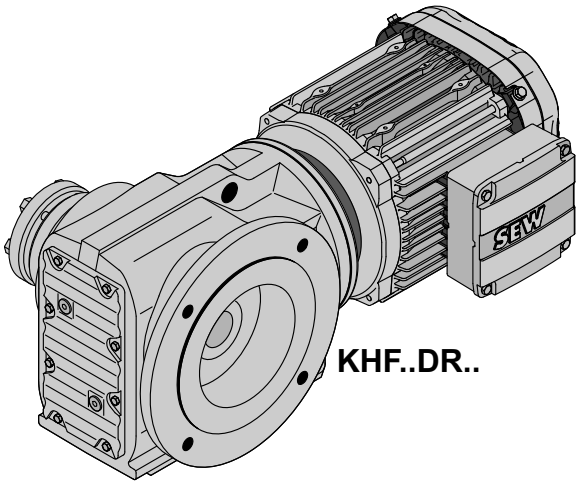


K..DRS

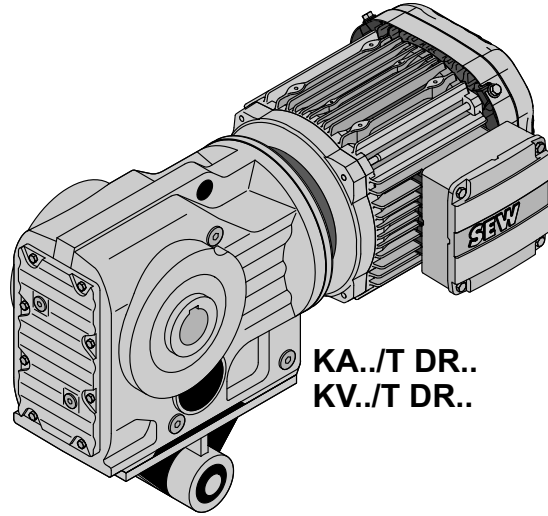
K, KA..(B), KV..(B), KH..(B), KT, KF, KAF, KVF, KHf, KAZ, KVZ..DRS



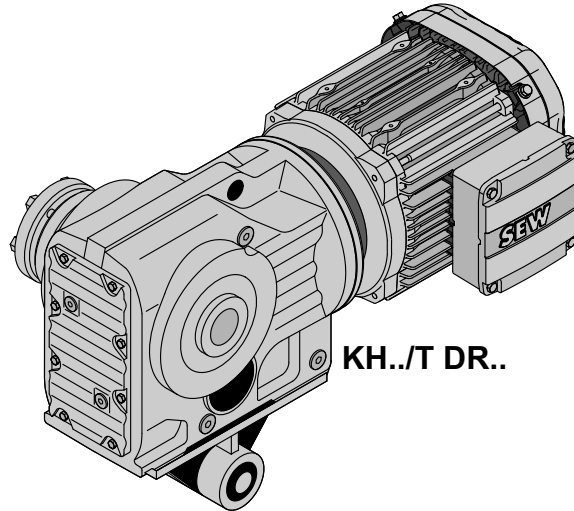
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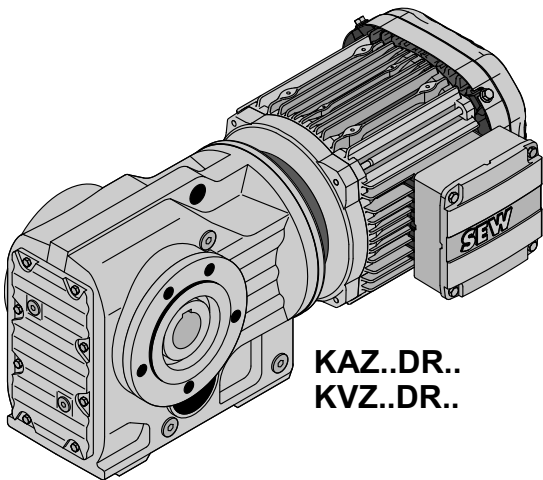
KHF..DR..



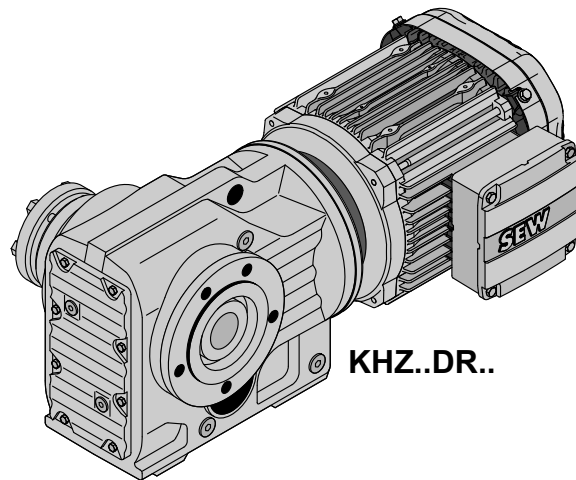
**KA../T DR..
KV../T DR..**



KH../T DR..

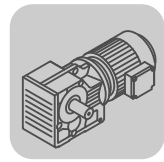


**KAZ..DR..
KVZ..DR..**







KHZ..DR..

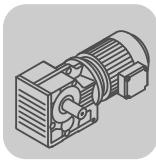
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11.2 K.. → DRS



K37, $n_e = 1400$ 1/min					200 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M
13	200	5640	7	106.38				
14	200	5640	7	97.81				
17	200	5640	7	83.69				
19	200	5520	7	72.54				
21	200	5360	7	67.80				
24	200	5020	7	58.60				
28	200	4660	7	49.79				
31	200	4420	7	44.46				
37	200	4100	7	37.97				
39	200	3970	7	35.57				
47	200	3650	7	29.96				
49	200	3580	8	28.83				
56	200	3330	8	24.99				
60	195	3260	8	23.36				
69	185	3110	8	20.19				
82	180	2900	8	17.15				
91	175	2780	9	15.31				
107	165	2650	9	13.08				
115	160	2600	12	12.14				
133	160	2410	12	10.49				
157	160	2200	12	8.91				
176	155	2110	13	7.96				
206	150	1980	13	6.80				
220	145	1950	13	6.37				
261	140	1810	13	5.36				
352	125	1660	13	3.98				

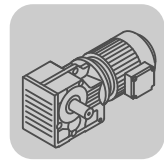
K37R17, $n_e = 1400$ 1/min					200 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63 DRS71S DRS71M	DRS80		
 3  3								
0.20	200	5640	-	6832				
0.24	200	5640	-	5922				
0.25	200	5640	-	5491				
0.29	200	5640	-	4759				
0.34	200	5640	-	4160				
0.38	200	5640	-	3645				
0.44	200	5640	-	3205				
0.50	200	5640	-	2801				
0.57	200	5640	-	2454				
0.65	200	5640	-	2166				
0.74	200	5640	-	1891				
0.84	200	5640	-	1660				
0.95	200	5640	-	1466				
1.1	200	5640	-	1288				
1.2	200	5640	-	1136				
 3  2								
1.4	200	5640	-	996				
1.6	200	5640	-	876				
1.8	200	5640	-	761				
2.1	200	5640	-	671				
2.4	200	5640	-	585				
2.7	200	5640	-	512				
3.1	200	5640	-	451				



K37R17, n_e = 1400 1/min					200 Nm	
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80
3.5	200	5640	-	396		
4.0	200	5640	-	346		
4.6	200	5640	-	304		
5.2	200	5640	-	267		
6.0	200	5640	-	234		
6.8	200	5640	-	205		
7.7	200	5640	-	181		
8.8	200	5640	-	160		
10	200	5640	-	136		
11	200	5640	-	127		
13	200	5640	-	110		
15	200	5640	-	96		

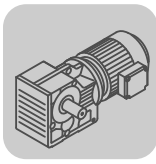
K47, n_e = 1400 1/min					400 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC
11	400	5920	6	131.87*					
12	400	5920	6	121.48*					
13	400	5920	6	104.37					
15	400	5920	6	90.86					
16	400	5920	6	85.12*					
19	400	5920	6	75.20*					
20	400	5920	6	69.84					
22	400	5920	7	63.30*					
25	400	5920	7	56.83					
29	400	5920	7	48.95*					
30	400	5920	7	46.03*					
35	400	5920	7	39.61					
40	400	5920	7	35.39					
45	400	5700	7	31.30					
48	400	5520	8	29.32					
54	400	5170	8	25.91					
58	400	4970	8	24.06					
64	400	4710	8	21.81					
72	400	4440	8	19.58					
83	380	4230	8	16.86					
88	380	4080	8	15.86					
103	360	3890	8	13.65					
115	350	3720	8	12.19					
119	280	4060	10	11.77					
133	280	3830	11	10.56					
154	280	3540	11	9.10					
164	270	3500	11	8.56					
190	250	3390	11	7.36					
213	240	3270	12	6.58					
241	230	3140	12	5.81					
302	205	2980	12	4.64					

K47R37, n_e = 1400 1/min					400 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	
 3  3									
0.14	400	5920	-	10138					
0.16	400	5920	-	8534					
0.18	400	5920	-	7662					
0.21	400	5920	-	6826					







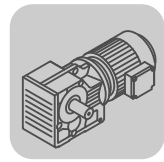
K47R37, $n_e = 1400$ 1/min					400 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [°]	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M
0.23	400	5920	-	5983				
0.27	400	5920	-	5159				
0.30	400	5920	-	4601				
0.36	400	5920	-	3940				
0.40	400	5920	-	3477				
0.46	400	5920	-	3043				
0.51	400	5920	-	2733				
0.59	400	5920	-	2354				
0.68	400	5920	-	2063				
0.77	400	5920	-	1819				
0.88	400	5920	-	1586				
1.0	400	5920	-	1388				
3 2								
1.1	400	5920	-	1222				
1.3	400	5920	-	1097				
1.5	400	5920	-	945				
1.7	400	5920	-	831				
1.9	400	5920	-	718				
2.2	400	5920	-	639				
2.5	400	5920	-	552				
2.8	400	5920	-	495				
3.3	400	5920	-	426				
3.7	400	5920	-	375				
4.3	400	5920	-	327				
4.8	400	5920	-	289				
5.5	400	5920	-	256				
6.2	400	5920	-	225				
7.1	400	5920	-	198				
8.2	400	5920	-	171				
9.2	400	5920	-	153				
11	400	5920	-	131				
13	400	5920	-	112				
14	400	5920	-	99				
15	400	5920	-	94				

K57, $n_e = 1400$ 1/min					600 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [°]	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M
9.6	600	7630	6	145.14*						
11	600	7630	6	123.85						
13	600	7630	6	108.29						
14	600	7630	6	102.88*						
16	600	7630	6	90.26*						
18	600	7630	6	76.56*						
20	600	7630	6	69.12						
23	600	7630	6	60.81*						
24	600	7630	6	57.42*						
29	600	7630	6	48.89						
32	600	7630	6	44.43						
36	600	7630	6	38.49						
39	600	7630	7	35.70						
46	600	7310	7	30.28						
51	600	6930	7	27.34						
58	600	6480	7	24.05						
62	600	6280	7	22.71						
72	575	5910	7	19.34						
80	555	5740	7	17.57						



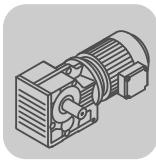
K57, n_e = 1400 1/min					600 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M
92	535	5430	7	15.22						
106	510	5190	7	13.25						
117	415	5150	9	11.92						
124	415	4990	9	11.26						
146	405	4650	10	9.59						
161	390	4520	10	8.71						
185	365	4360	10	7.55						
213	345	4190	10	6.57						
299	300	3800	11	4.69						

K57R37, n_e = 1400 1/min					600 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	
 3  3									
0.12	600	7630	-	12169					
0.13	600	7630	-	11162					
0.15	600	7630	-	9503					
0.16	600	7630	-	8547					
0.19	600	7630	-	7277					
0.22	600	7630	-	6478					
0.25	600	7630	-	5662					
0.28	600	7630	-	5033					
0.32	600	7630	-	4340					
0.36	600	7630	-	3854					
0.41	600	7630	-	3390					
0.48	600	7630	-	2924					
0.54	600	7630	-	2593					
0.62	600	7630	-	2249					
0.70	600	7630	-	1986					
 3  2									
0.80	600	7630	-	1743					
0.91	600	7630	-	1539					
1.0	600	7630	-	1354					
1.2	600	7630	-	1174					
1.4	600	7630	-	1036					
1.5	600	7630	-	906					
1.7	600	7630	-	806					
2.0	600	7630	-	699					
2.3	600	7630	-	615					
2.6	600	7630	-	544					
3.0	600	7630	-	473					
3.3	600	7630	-	421					
3.9	600	7630	-	362					
4.4	600	7630	-	319					
5.0	600	7630	-	280					
5.7	600	7630	-	246					
6.5	600	7630	-	215					
7.3	600	7630	-	192					
8.4	600	7630	-	166					
9.7	600	7630	-	145					
11	600	7630	-	129					
13	600	7630	-	111					
14	600	7630	-	97					



K67, $n_e = 1400$ 1/min						820 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi/(R)$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC
9.7	820	10300	6	144.79*							
11	820	10300	6	123.54							
13	820	10300	6	108.03							
14	820	10300	6	102.62							
16	820	10300	6	90.04							
18	820	10300	6	76.37							
20	820	10300	6	68.95							
23	820	10300	6	60.66							
24	820	10300	6	57.28							
29	820	10300	6	48.77							
32	820	10300	6	44.32							
36	800	10500	6	38.39							
39	820	10300	7	35.62							
46	820	10300	7	30.22							
51	820	10300	7	27.28							
58	800	10500	7	24.00							
62	780	10700	7	22.66							
73	760	10800	7	19.30							
80	740	11000	7	17.54							
92	700	11300	8	15.19							
106	670	11500	8	13.22							
112	530	12300	9	12.48							
132	500	11800	9	10.63							
145	480	11500	9	9.66							
167	440	11100	9	8.37							
192	420	10700	9	7.28							
269	350	9870	10	5.20							

K67R37, $n_e = 1400$ 1/min						820 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi/(R)$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M			
3 3											
0.12	820	10300	-	12139							
0.13	820	10300	-	11134							
0.15	820	10300	-	9479							
0.17	820	10300	-	8173							
0.19	820	10300	-	7259							
0.22	820	10300	-	6462							
0.25	820	10300	-	5648							
0.29	820	10300	-	4846							
0.32	820	10300	-	4329							
0.37	820	10300	-	3750							
0.42	820	10300	-	3315							
0.48	820	10300	-	2917							
0.55	820	10300	-	2532							
0.62	820	10300	-	2244							
0.71	820	10300	-	1981							
3 2											
0.81	820	10300	-	1739							
0.91	820	10300	-	1535							
1.0	820	10300	-	1351							
1.2	820	10300	-	1171							
1.4	820	10300	-	1034							
1.6	820	10300	-	903							
1.8	820	10300	-	793							
2.0	820	10300	-	697							





K..DRS
K.. → DRS

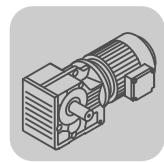




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K67R37, $n_e = 1400$ 1/min						820 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	
2.3	820	10300	-	613					
2.6	820	10300	-	542					
3.0	820	10300	-	471					
3.3	820	10300	-	420					
3.9	820	10300	-	361					
4.3	820	10300	-	323					
5.0	820	10300	-	279					
5.7	820	10300	-	246					
6.5	820	10300	-	217					
7.3	820	10300	-	191					
8.4	820	10300	-	166					
9.7	820	10300	-	144					
11	820	10300	-	122					

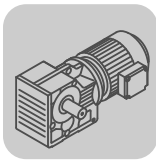
K77, $n_e = 1400$ 1/min						1550 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160
7.3	1450	16100	5	192.18							
7.8	1450	16100	5	179.37							
9.1	1550	15400	5	154.02							
10	1550	15400	5	135.28							
11	1550	15400	5	128.52							
12	1550	15400	5	113.56							
14	1550	15400	5	97.05							
16	1550	15400	5	88.97							
18	1550	15400	5	78.07							
19	1550	15400	5	73.99							
22	1550	15400	5	64.75							
24	1550	15400	6	58.34							
27	1550	15400	6	51.18							
31	1550	15400	6	45.16							
35	1550	15400	6	40.04							
36	1500	15700	6	38.39							
40	1550	15400	6	35.20							
45	1550	15400	6	30.89							
48	1550	15400	6	29.27							
55	1550	15400	6	25.62							
61	1550	15400	6	23.08							
69	1500	15700	6	20.25							
78	1450	16100	6	17.87							
88	1400	15500	6	15.84							
104	1340	14800	7	13.52							
113	1000	15100	8	12.36							
129	990	14400	8	10.84							
146	940	13900	8	9.56							
165	890	13500	8	8.48							
193	820	13100	8	7.24							

K77R37, $n_e = 1400$ 1/min						1550 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	
 3  3									
0.09	1550	15400	-	15310					
0.10	1550	15400	-	14043					
0.12	1550	15400	-	11955					
0.14	1550	15400	-	10217					







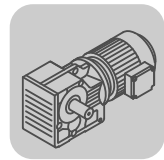
K77R37, $n_e = 1400$ 1/min					1550 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M
0.16	1550	15400	-	8809				
0.19	1550	15400	-	7528				
0.21	1550	15400	-	6606				
0.24	1550	15400	-	5774				
0.28	1550	15400	-	5089				
0.31	1550	15400	-	4489				
0.35	1550	15400	-	3961				
0.40	1550	15400	-	3485				
0.48	1550	15400	-	2901				
0.52	1550	15400	-	2717				
0.59	1550	15400	-	2370				
 3 								
0.68	1550	15400	-	2050				
0.79	1550	15400	-	1772				
0.92	1550	15400	-	1514				
1.0	1550	15400	-	1388				
1.1	1550	15400	-	1218				
1.3	1550	15400	-	1053				
1.5	1550	15400	-	924				
1.7	1550	15400	-	815				
2.0	1550	15400	-	709				
2.3	1550	15400	-	622				
2.5	1550	15400	-	552				
2.9	1550	15400	-	485				
3.3	1550	15400	-	428				
3.8	1550	15400	-	367				
4.3	1550	15400	-	328				
4.8	1550	15400	-	290				
5.6	1550	15400	-	252				
6.3	1550	15400	-	221				
7.2	1550	15400	-	195				
8.0	1550	15400	-	175				
9.1	1550	15400	-	154				

K87, $n_e = 1400$ 1/min					2700 Nm								
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC
7.1	2700	27300	5	197.37									
8.0	2700	27300	5	174.19									
8.5	2700	27300	5	164.34*									
9.5	2700	27300	5	147.32*									
11	2700	27300	5	126.91*									
12	2700	27300	5	115.82									
14	2700	27300	5	102.71*									
16	2700	27300	5	86.34									
18	2700	27300	5	79.34									
20	2700	27300	5	70.46									
22	2700	26200	5	63.00*									
25	2700	25000	5	56.64									
28	2700	23500	5	49.16									
32	2600	22800	6	44.02									
38	2500	21400	6	36.52*									
45	2700	19200	6	31.39									
50	2600	18500	6	27.88									
56	2500	18000	6	24.92									
62	2300	17900	6	22.41									
72	2300	16800	6	19.45									



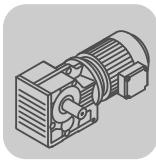
K87, $n_e = 1400$ 1/min										2700 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [°]	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC
80	2200	16300	6	17.42									
88	1800	16000	6	16.00									
97	2100	15300	6	14.45									
111	2000	14800	6	12.56									
125	1500	14900	7	11.17									
140	1500	14200	7	10.00									
169	1400	13500	7	8.29									
194	1300	13200	7	7.21									

K87R57, $n_e = 1400$ 1/min										2700 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [°]	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC		
 3  3													
0.09	2700	27300	-	14829									
0.11	2700	27300	-	13168									
0.12	2700	27300	-	11737									
0.14	2700	27300	-	10217									
0.15	2700	27300	-	9073									
0.18	2700	27300	-	7854									
0.20	2700	27300	-	6832									
0.24	2700	27300	-	5930									
0.27	2700	27300	-	5240									
0.31	2700	27300	-	4562									
0.35	2700	27300	-	4037									
0.39	2700	27300	-	3609									
0.45	2700	27300	-	3107									
0.51	2700	27300	-	2728									
0.59	2700	27300	-	2371									
 3  2													
0.67	2700	27300	-	2088									
0.76	2700	27300	-	1854									
0.84	2700	27300	-	1657									
0.99	2700	27300	-	1415									
1.1	2700	27300	-	1229									
1.3	2700	27300	-	1078									
1.5	2700	27300	-	951									
1.7	2700	27300	-	837									
1.9	2700	27300	-	726									
2.2	2700	27300	-	638									
2.5	2700	27300	-	562									
3.0	2700	27300	-	474									
3.3	2700	27300	-	426									
3.8	2700	27300	-	373									
4.2	2700	27300	-	330									
4.8	2700	27300	-	294									
5.6	2700	27300	-	250									
5.9	2700	27300	-	236									
7.0	2700	27300	-	201									
7.7	2700	27300	-	183									
8.8	2700	27300	-	159									
9.9	2600	27400	-	141									



K97, n _e = 1400 1/min						4300 Nm								
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC	
8.0	4300	40000	7	176.05*										
9.1	4300	40000	7	153.21*										
10	4300	40000	7	140.28										
11	4300	40000	7	123.93*										
13	4300	40000	7	105.13										
14	4300	40000	7	96.80										
16	4300	38800	7	86.52										
18	4300	37100	7	77.89*										
20	4300	35600	7	70.54										
22	4300	33800	7	62.55										
25	4300	32300	7	56.55										
29	4300	30000	7	47.93*										
33	4300	28300	7	41.87										
37	4300	27100	7	38.30										
41	4300	25700	7	34.23										
45	4300	24500	7	30.82										
50	4300	23300	8	27.91										
57	4300	22000	8	24.75										
63	4300	20900	8	22.37										
74	4300	19100	8	18.96										
85	4300	17800	8	16.56										
101	4300	16100	8	13.85										
117	3890	16200	8	11.99										
134	2870	16400	10	10.41										
161	2660	15800	10	8.71										
186	2400	15700	10	7.54										

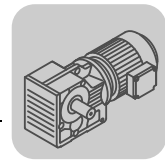
K97R57, n _e = 1400 1/min						4300 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC
3 3											
0.08	4300	40000	-	18091							
0.08	4300	40000	-	16666							
0.09	4300	40000	-	14897							
0.11	4300	40000	-	13182							
0.12	4300	40000	-	11677							
0.14	4300	40000	-	10317							
0.15	4300	40000	-	9083							
0.17	4300	40000	-	8054							
0.20	4300	40000	-	6970							
0.23	4300	40000	-	6027							
0.26	4300	40000	-	5391							
0.30	4300	40000	-	4669							
0.34	4300	40000	-	4082							
0.39	4300	40000	-	3583							
0.45	4300	40000	-	3108							
0.51	4300	40000	-	2757							
3 2											
0.58	4300	40000	-	2419							
0.66	4300	40000	-	2123							
0.75	4300	40000	-	1856							
0.86	4300	40000	-	1625							
0.98	4300	40000	-	1430							
1.1	4300	40000	-	1261							
1.3	4300	40000	-	1102							
1.5	4300	40000	-	957							



K97R57, n_e = 1400 1/min						4300 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC
1.6	4300	40000	-	855							
1.9	4300	40000	-	743							
2.1	4300	40000	-	652							
2.4	4300	40000	-	573							
2.8	4300	40000	-	504							
3.2	4300	40000	-	437							
3.7	4300	40000	-	382							
4.1	4300	40000	-	342							
4.6	4300	40000	-	305							
5.4	4300	40000	-	258							
6.0	4300	40000	-	232							
7.0	4300	40000	-	199							

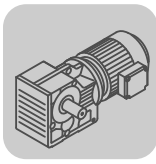
K107, n_e = 1400 1/min						8000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC
9.8	8000	65000	6	143.47*							
12	8000	61500	6	121.46							
12	8000	59300	6	112.41*							
14	8000	56200	6	100.75							
15	8000	53500	6	90.96*							
17	8000	50900	6	82.61							
19	8000	47900	6	73.30							
21	8000	45400	6	66.52*							
24	8000	41700	6	57.17*							
28	7840	39300	6	49.90							
33	7360	37900	6	42.33*							
38	7200	35800	6	37.00*							
43	7200	33200	6	32.69							
45	6800	34200	6	31.28*							
48	7200	30700	6	29.00							
53	7200	28800	6	26.32							
62	7200	25800	6	22.62							
71	7200	23200	6	19.74							
84	7050	21000	7	16.75							
96	6890	19500	7	14.64							
104	4300	29200	9	13.43							
119	4300	27500	9	11.73							
141	4190	25800	9	9.94							
161	4070	24600	9	8.69							
190	3600	24400	9	7.35							

K107R77, n_e = 1400 1/min						8000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160
3											
0.10	8000	65000	-	14311							
0.11	8000	65000	-	12211							
0.13	8000	65000	-	10677							
0.15	8000	65000	-	9524							
0.17	8000	65000	-	8328							
0.19	8000	65000	-	7270							
0.23	8000	65000	-	6184							
0.25	8000	65000	-	5662							
0.27	8000	65000	-	5138							
0.32	8000	65000	-	4359							



K107R77, n_e = 1400 1/min						8000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160
0.37	8000	65000	-	3810							
0.42	8000	65000	-	3358							
0.47	8000	65000	-	2977							
0.54	8000	65000	-	2599							
0.61	8000	65000	-	2286							
0.72	8000	65000	-	1939							
3 2											
0.82	8000	65000	-	1713							
0.90	8000	65000	-	1554							
1.0	8000	65000	-	1336							
1.2	8000	65000	-	1166							
1.4	8000	65000	-	1030							
1.5	8000	65000	-	904							
1.8	8000	65000	-	793							
2.0	8000	65000	-	696							
2.3	8000	65000	-	615							
2.7	8000	65000	-	522							
3.0	8000	65000	-	461							
3.4	8000	65000	-	408							
3.8	8000	65000	-	364							
4.4	8000	65000	-	318							
4.9	8000	65000	-	286							
5.6	8000	65000	-	251							
6.3	8000	65000	-	222							
7.1	8000	65000	-	196							
8.0	7200	65000	-	174							
9.1	7200	65000	-	154							
10	7200	65000	-	140							

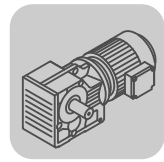
K127, n_e = 1400 1/min						13000 Nm				
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC DV280	
9.6	13000	79200	5	146.07						
10	13000	79200	5	136.14						
11	13000	79200	5	122.48						
13	13000	79200	5	110.18						
16	13000	75100	5	89.89						
17	13000	72100	5	81.98						
20	13000	67700	5	70.95*						
22	13000	64000	5	62.60						
26	13000	59900	5	54.07						
29	13000	56500	5	47.82						
35	13000	52000	5	40.19						
39	13000	49400	6	36.25						
45	13000	45900	6	31.37						
51	13000	43000	6	27.68						
59	13000	39800	6	23.91						
66	13000	37200	6	21.15						
79	13000	32600	6	17.77						
98	12100	31000	6	14.35						
109	8530	35400	8	12.79						
130	8000	33900	8	10.74						
161	7230	32500	8	8.68						



K127R77, n_e = 1400 1/min						13000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160
3 3											
0.08	13000	79200	-	17550							
0.09	13000	79200	-	16006							
0.09	13000	79200	-	14975							
0.11	13000	79200	-	12440							
0.13	13000	79200	-	10915							
0.14	13000	79200	-	9819							
0.17	13000	79200	-	8443							
0.19	13000	79200	-	7482							
0.21	13000	79200	-	6565							
0.24	13000	79200	-	5804							
0.28	13000	79200	-	5027							
0.32	13000	79200	-	4423							
0.36	13000	79200	-	3889							
0.42	13000	79200	-	3311							
0.47	13000	79200	-	3009							
0.54	13000	79200	-	2607							
0.62	13000	79200	-	2268							
3 2											
0.73	13000	79200	-	1926							
0.80	13000	79200	-	1757							
0.91	13000	79200	-	1541							
1.0	13000	79200	-	1342							
1.2	13000	79200	-	1177							
1.4	13000	79200	-	1025							
1.6	13000	79200	-	899							
1.8	13000	79200	-	790							
2.0	13000	79200	-	704							
2.3	13000	79200	-	610							
2.6	13000	79200	-	549							
2.9	13000	79200	-	477							
3.3	13000	79200	-	418							

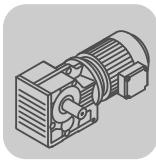
K127R87, n_e = 1400 1/min						13000 Nm						
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC
3 2												
2.6	13000	79200	-	536								
3.0	13000	79200	-	473								
3.3	13000	79200	-	418								
3.8	13000	79200	-	367								
4.2	13000	79200	-	330								
4.9	13000	79200	-	287								
5.5	13000	79200	-	253								
6.6	13000	79200	-	213								
7.0	12000	79700	-	200								
8.4	12000	79700	-	166								
9.5	12000	79700	-	147								



K157, n_e = 1400 1/min						18000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC DV280	DRS315K DRS315S	DRS315M DRS315L	
9.3	18000	112200	5	150.41							
11	18000	106500	5	122.39							
14	18000	98000	5	100.22							







K157, n _e = 1400 1/min						18000 Nm					
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC DV280	DRS315K DRS315S	DRS315M DRS315L	
15	18000	94400	5	91.65							
18	18000	88900	5	79.75							
20	18000	84200	5	70.38							
23	18000	79000	5	61.02							
26	18000	74900	5	54.29							
30	18000	70000	5	46.79							
37	18000	63400	5	38.02							
45	18000	57500	6	31.30							
51	18000	54000	6	27.62							
58	18000	50000	6	23.95							
66	18000	47000	6	21.31							
76	18000	43200	6	18.37							
94	18000	38200	6	14.92							
111	17000	36700	6	12.65							

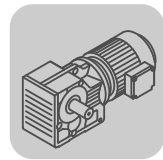
K157R97, n _e = 1400 1/min						18000 Nm							
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ _(/R) [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M
					3 3								
0.08	18000	112200	-	17679									
0.09	18000	112200	-	15729									
0.10	18000	112200	-	14721									
0.11	18000	112200	-	13097									
0.12	18000	112200	-	11368									
0.14	18000	112200	-	10114									
0.16	18000	112200	-	8718									
0.18	18000	112200	-	7734									
0.20	18000	112200	-	6881									
0.24	18000	112200	-	5931									
0.28	18000	112200	-	5074									
0.31	18000	112200	-	4514									
0.35	18000	112200	-	3979									
0.40	18000	112200	-	3516									
0.46	18000	112200	-	3051									
0.54	18000	112200	-	2610									
0.60	18000	112200	-	2322									
0.69	18000	112200	-	2029									
0.78	18000	112200	-	1805									
					3 2								
0.84	18000	112200	-	1659									
1.0	18000	112200	-	1365									
1.1	18000	112200	-	1229									
1.3	18000	112200	-	1093									
1.5	18000	112200	-	942									
1.6	18000	112200	-	854									
1.9	18000	112200	-	756									
2.1	18000	112200	-	661									
2.5	18000	112200	-	567									
2.8	18000	112200	-	504									
3.2	18000	112200	-	434									
3.7	18000	112200	-	379									
4.2	18000	112200	-	333									
4.8	18000	112200	-	291									



K157R107, $n_e = 1400$ 1/min						18000 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC
 3  2									
3.6	18000	112200	-	385					
4.3	18000	112200	-	325					
4.7	18000	112200	-	299					
5.5	18000	112200	-	253					
6.1	18000	112200	-	230					
6.6	18000	112200	-	213					
7.5	18000	112200	-	187					
8.9	18000	112200	-	157					
11	18000	106500	-	122					
13	18000	100700	-	107					

K167, $n_e = 1400$ 1/min						32000 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC DV280	DRS315K DRS315S	DRS315M DRS315L	
8.5	32000	150000	4	164.50							
10	32000	150000	5	134.99							
13	32000	150000	5	109.83							
16	32000	147200	5	87.86							
18	32000	140100	5	78.14							
21	32000	132000	5	68.07							
23	32000	125600	5	60.74							
27	32000	117000	5	51.77							
33	32000	107400	5	42.89							
38	32000	99700	5	36.61							
43	32000	93700	5	32.25							
49	32000	88600	5	28.77							
57	32000	81700	5	24.52							
69	32000	74000	5	20.32							
81	32000	67900	5	17.34							

K167R97, $n_e = 1400$ 1/min						32000 Nm							
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi(R)$ [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M
 3  3													
0.07	32000	150000	-	19723									
0.08	32000	150000	-	17406									
0.09	32000	150000	-	15000									
0.11	32000	150000	-	13238									
0.12	32000	150000	-	11573									
0.14	32000	150000	-	10264									
0.16	32000	150000	-	8628									
0.21	32000	150000	-	6562									
0.26	32000	150000	-	5355									
0.29	32000	150000	-	4788									
0.34	32000	150000	-	4079									
0.41	32000	150000	-	3376									
0.51	32000	150000	-	2755									
0.62	32000	150000	-	2263									
 3  2													
0.64	32000	150000	-	2182									
0.82	32000	150000	-	1704									
0.99	32000	150000	-	1408									
1.1	32000	150000	-	1296									
1.3	32000	150000	-	1101									

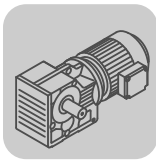




K167R97, $n_e = 1400$ 1/min					32000 Nm								
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M
1.5	32000	150000	-	944									
1.7	32000	150000	-	843									
1.8	32000	150000	-	757									
2.2	32000	150000	-	632									
2.5	32000	150000	-	561									
2.9	32000	150000	-	481									
3.3	32000	150000	-	423									
3.8	32000	150000	-	369									



K167R107, $n_e = 1400$ 1/min					32000 Nm							
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC	
3 2												
4.4	32000	150000	-	318								
5.0	32000	150000	-	278								
5.7	32000	150000	-	244								
6.6	32000	150000	-	213								
6.8	32000	150000	-	206								
7.8	32000	150000	-	180								
8.8	32000	150000	-	160								
10	32000	150000	-	135								
12	32000	150000	-	118								

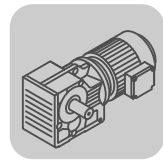
K187, $n_e = 1400$ 1/min					50000 Nm					
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC DV280	DRS315K DRS315S	DRS315M DRS315L
7.8	50000	190000	4	179.86						
8.5	50000	190000	4	165.21						
9.7	50000	190000	4	144.59						
11	50000	188200	4	129.69						
12	50000	177200	4	112.60						
14	50000	169900	4	102.16						
16	50000	159000	4	88.00						
19	50000	147000	4	73.96						
22	50000	137600	4	64.04						
26	50000	126100	4	53.36						
31	50000	116600	4	45.50*						
33	50000	112700	4	42.51						
36	50000	107200	4	38.57						
42	50000	99100	4	33.23						
50	50000	90200	4	27.92						
58	47600	86800	4	24.18						
69	43900	84000	4	20.15						
81	41400	80800	4	17.18						

K187R97, $n_e = 1400$ 1/min					50000 Nm								
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(R)}$ [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M
3 3													
0.04	50000	189900	-	32625									
0.05	50000	189900	-	27165									
0.06	50000	189900	-	24353									
0.07	50000	189900	-	19144									
0.08	50000	189900	-	16978									
0.10	50000	189900	-	14272									

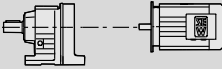



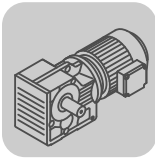
K187R97, $n_e = 1400$ 1/min					50000 Nm								
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi/(R)$ [']	i	DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M
0.11	50000	189900	-	13116									
0.12	50000	189900	-	11647									
0.13	50000	189900	-	10413									
0.15	50000	189900	-	9363									
0.17	50000	189900	-	8126									
0.19	50000	189900	-	7343									
0.21	50000	189900	-	6747									
0.23	50000	189900	-	5991									
0.26	50000	189900	-	5358									
0.29	50000	189900	-	4817									
0.32	50000	189900	-	4370									
0.50	50000	189900	-	2818									
 3  2													
0.39	50000	189900	-	3609									
0.46	50000	189900	-	3062									
0.56	50000	189900	-	2519									
0.62	50000	189900	-	2268									
0.68	50000	189900	-	2054									
0.77	50000	189900	-	1821									
0.87	50000	189900	-	1605									
1.0	50000	189900	-	1395									
1.2	50000	189900	-	1196									
1.3	50000	189900	-	1046									
1.5	50000	189900	-	945									
1.9	50000	189900	-	738									
2.3	50000	189900	-	621									
2.7	50000	189900	-	527									

K187R107, $n_e = 1400$ 1/min					50000 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi/(R)$ [']	i	DRS90L DRS100M	DRS100LC	DRS132S DRS132M	DRS132MC DRS160	DRS180M DRS180L	DRS180HC DRS225S DRS225M	DRS225MC
 3  2											
1.7	50000	189900	-	835							
1.9	50000	189900	-	729							
2.3	50000	189900	-	622							
2.7	50000	189900	-	520							
3.1	50000	189900	-	454							
3.9	50000	189900	-	355							
5.4	50000	189900	-	261							
6.3	50000	189900	-	221							
7.3	50000	189900	-	193							
8.6	50000	189900	-	163							

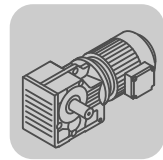


11.3 K..DRS [kW]

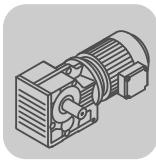
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]				
0.12	0.08	10800	17550	80300	1.20						
	0.09	9890	16006	80700	1.30						
	0.09	9260	14975	81000	1.40	K	127R77	DR	63S4	470	523
	0.11	7690	12440	81600	1.70	KF	127R77	DR	63S4	510	523
	0.13	6750	10915	81900	1.95	KA	127R77	DR	63S4	440	523
	0.14	6070	9819	82000	2.1	KAF	127R77	DR	63S4	480	523
	0.16	5180	8443	82300	2.5						
	0.18	4620	7482	82400	2.8						
0.10	8850	14311	65000	0.90							
0.11	7550	12211	65000	1.05							
0.13	6600	10677	65000	1.20							
0.14	5890	9524	65000	1.35	K	107R77	DR	63S4	310	523	
0.17	5150	8328	65000	1.55	KF	107R77	DR	63S4	320	523	
0.19	4490	7270	65000	1.80	KA	107R77	DR	63S4	280	523	
0.22	3700	6184	65000	2.2	KAF	107R77	DR	63S4	305	523	
0.24	3210	5662	65000	2.5							
0.27	2910	5138	65000	2.7							
0.32	2670	4359	65000	3.0							
0.17	5460	8054	39400	0.80							
0.20	4420	6970	40000	0.95							
0.23	4000	6027	40000	1.05	K	97R57	DR	63S4	180	523	
0.26	3650	5391	40000	1.20	KF	97R57	DR	63S4	200	523	
0.30	3020	4669	40000	1.40	KA	97R57	DR	63S4	160	523	
0.34	2730	4082	40000	1.55	KAF	97R57	DR	63S4	185	523	
0.39	2370	3583	40000	1.80							
0.44	2090	3108	40000	2.0							
0.50	1770	2757	40000	2.4							
0.57	1650	2419	40000	2.6							
0.65	1420	2123	40000	3.0	K	97R57	DR	63S4	180	523	
0.74	1270	1856	40000	3.4	KF	97R57	DR	63S4	200	523	
0.85	1040	1625	40000	4.1	KA	97R57	DR	63S4	160	523	
0.96	890	1430	40000	4.8	KAF	97R57	DR	63S4	185	523	
1.1	860	1261	40000	5.0							
1.2	755	1102	40000	5.7							
0.26	3470	5240	26200	0.80							
0.30	2890	4562	27000	0.95	K	87R57	DR	63S4	120	523	
0.34	2680	4037	27300	1.00	KF	87R57	DR	63S4	130	523	
0.38	2390	3609	27600	1.15	KA	87R57	DR	63S4	105	523	
0.44	2060	3107	28000	1.30	KAF	87R57	DR	63S4	120	523	
0.51	1730	2728	28300	1.55							
0.58	1530	2371	28400	1.75							
0.66	1430	2088	28500	1.90							
0.74	1270	1854	28600	2.1	K	87R57	DR	63S4	120	523	
0.83	1130	1657	28700	2.4	KF	87R57	DR	63S4	125	523	
0.97	960	1415	28800	2.8	KA	87R57	DR	63S4	105	523	
1.1	830	1229	28900	3.2	KAF	87R57	DR	63S4	120	523	
1.3	720	1078	28900	3.7							
1.4	610	951	29000	4.4							
1.6	520	837	29000	5.2							
1.9	450	726	29000	5.9							
0.51	1840	2717	11500	0.85	K	77R37	DR	63S4	69	523	
0.58	1530	2370	15500	1.00	KF	77R37	DR	63S4	78	523	
					KA	77R37	DR	63S4	62	523	
					KAF	77R37	DR	63S4	70	523	
0.67	1430	2050	16100	1.10							
0.78	1220	1772	17300	1.25							
0.91	1040	1514	18100	1.50	K	77R37	DR	63S4	69	523	
0.99	960	1388	18500	1.60	KF	77R37	DR	63S4	77	523	
1.1	840	1218	18900	1.85	KA	77R37	DR	63S4	62	523	
1.3	735	1053	19200	2.1	KAF	77R37	DR	63S4	70	523	
1.5	645	924	19400	2.4							
1.7	570	815	19600	2.7							
2.0	445	709	19800	3.5							
2.2	390	622	19900	3.9							



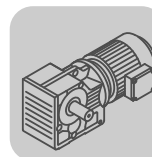
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
0.12	1.0	960	1351	6940	0.85							
	1.2	820	1171	10300	1.00							
	1.3	720	1034	11100	1.15							
	1.5	600	903	11900	1.35							
	1.7	570	793	12100	1.45							
	2.0	455	697	12600	1.80							
	2.2	400	613	12800	2.0	K	67R37	DR	63S4	45	523	
	2.6	350	542	13000	2.3	KF	67R37	DR	63S4	51	523	
	2.9	325	471	13000	2.5	KA	67R37	DR	63S4	42	523	
	3.3	270	420	13000	3.0	KAF	67R37	DR	63S4	48	523	
	3.8	245	361	13000	3.3							
	4.3	215	323	13000	3.8							
	5.0	181	279	13000	4.5							
	5.6	159	246	13000	5.2							
	6.4	139	217	13000	5.9							
	1.5	605	906	7580	1.00							
1.7	545	806	8060	1.10								
2.0	455	699	8620	1.30								
2.2	400	615	8870	1.50								
2.5	350	544	9080	1.70								
2.9	320	473	9190	1.85	K	57R37	DR	63S4	39	523		
3.3	270	421	9390	2.2	KF	57R37	DR	63S4	44	523		
3.8	245	362	9470	2.4	KA	57R37	DR	63S4	37	523		
4.3	215	319	9570	2.8	KAF	57R37	DR	63S4	43	523		
4.9	181	280	9690	3.3								
5.6	160	246	9760	3.8								
6.4	141	215	9810	4.3								
7.2	126	192	9850	4.8								
2.5	380	552	6170	1.05								
2.8	320	495	6840	1.25	K	47R37	DR	63S4	33	523		
3.2	285	426	7160	1.40	KF	47R37	DR	63S4	36	523		
3.7	240	375	7510	1.65	KA	47R37	DR	63S4	32	523		
4.2	225	327	7620	1.75	KAF	47R37	DR	63S4	35	523		
4.8	198	289	7780	2.0								
4.0	240	346	3540	0.80								
4.5	205	304	5570	0.95								
5.2	189	267	5760	1.05	K	37R17	DR	63S4	19	523		
5.9	163	234	6010	1.20	KF	37R17	DR	63S4	21	523		
6.7	142	205	6180	1.40	KA	37R17	DR	63S4	19	523		
7.6	124	181	6300	1.60	KAF	37R17	DR	63S4	20	523		
8.6	109	160	6400	1.85								
10	91	136	6490	2.2								
6.2	184	144.79*	13000	4.4	K	67	DR	63M6	34	484		
					KF	67	DR	63M6	40	485		
					KA	67	DR	63M6	32	486		
					KAF	67	DR	63M6	37	485		
6.2	185	145.14*	9680	3.2								
7.3	158	123.85	9760	3.8	K	57	DR	63M6	28	479		
8.3	138	108.29	9820	4.4	KF	57	DR	63M6	33	480		
8.8	131	102.88*	9840	4.6	KA	57	DR	63M6	26	481		
10.0	115	90.26*	9880	5.2	KAF	57	DR	63M6	32	480		
12	98	76.56*	9930	6.2								
9.5	120	145.14*	9870	5.0	K	57	DR	63S4	28	479		
11	103	123.85	9920	5.8	KF	57	DR	63S4	33	480		
13	90	108.29	9950	6.7	KA	57	DR	63S4	26	481		
13	85	102.88*	9960	7.0	KAF	57	DR	63S4	32	480		
15	75	90.26*	9990	8.0								
6.8	168	131.87*	7930	2.4	K	47	DR	63M6	22	474		
7.4	155	121.48*	7990	2.6	KF	47	DR	63M6	26	475		
8.6	133	104.37	8070	3.0	KA	47	DR	63M6	22	476		
					KAF	47	DR	63M6	24	475		
10	110	131.87*	8140	3.6	K	47	DR	63S4	22	474		
11	101	121.48*	8170	4.0	KF	47	DR	63S4	26	475		
					KA	47	DR	63S4	22	476		
					KAF	47	DR	63S4	24	475		
8.5	136	106.38	6230	1.50	K	37	DR	63M6	16	469		
9.2	124	97.81	6300	1.60	KF	37	DR	63M6	18	470		
11	107	83.69	6410	1.90	KA	37	DR	63M6	16	471		
12	92	72.54	6480	2.2	KAF	37	DR	63M6	18	470		



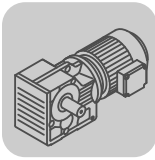
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.12	13	88	106.38	6500	2.3						
	14	81	97.81	6530	2.5						
	16	70	83.69	6570	2.9						
	19	60	72.54	6600	3.3						
	20	56	67.80	6610	3.6						
	24	49	58.60	6430	4.1						
	28	41	49.79	6130	4.8						
	31	37	44.46	5930	5.4						
	36	32	37.97	5660	6.4	K	37	DR	63S4	16	469
	39	30	35.57	5550	6.8	KF	37	DR	63S4	18	470
	46	25	29.96	5270	8.0	KA	37	DR	63S4	16	471
	48	24	28.83	5200	8.4	KAF	37	DR	63S4	18	470
	55	21	24.99	4980	9.6						
	59	19	23.36	4880	10						
	68	17	20.19	4660	11						
	80	14	17.15	4430	13						
90	13	15.31	4280	14							
105	11	13.08	4070	15							
114	10	12.14	3970	16							
0.18	0.09	15700	14975	74400	0.80						
	0.11	13100	12440	79100	1.00						
	0.12	11500	10915	80000	1.15						
	0.13	10300	9819	80500	1.25						
	0.16	8870	8443	81100	1.45	K	127R77	DR	63M4	470	523
	0.18	7880	7482	81500	1.65	KF	127R77	DR	63M4	510	523
	0.20	6910	6565	81800	1.90	KA	127R77	DR	63M4	440	523
	0.23	5880	5804	82100	2.2	KAF	127R77	DR	63M4	480	523
	0.26	5210	5027	82300	2.5						
	0.30	4480	4423	82400	2.9						
	0.34	3900	3889	82500	3.3						
	0.40	3240	3311	82600	4.0						
	0.16	8770	8328	65000	0.90						
	0.18	7660	7270	65000	1.05						
	0.21	6410	6184	65000	1.25						
	0.23	5690	5662	65000	1.40	K	107R77	DR	63M4	310	523
0.26	5160	5138	65000	1.55	KF	107R77	DR	63M4	320	523	
0.30	4580	4359	65000	1.75	KA	107R77	DR	63M4	280	523	
0.35	4000	3810	65000	2.0	KAF	107R77	DR	63M4	305	523	
0.39	3400	3358	65000	2.4							
0.44	3080	2977	65000	2.6							
0.51	2690	2599	65000	3.0							
0.58	2310	2286	65000	3.4							
0.28	5050	4669	39800	0.85	K	97R57	DR	63M4	180	523	
0.32	4530	4082	40000	0.95	KF	97R57	DR	63M4	200	523	
0.37	3940	3583	40000	1.10	KA	97R57	DR	63M4	160	523	
0.42	3450	3108	40000	1.25	KAF	97R57	DR	63M4	185	523	
0.48	2980	2757	40000	1.45							
0.55	2720	2419	40000	1.60							
0.62	2360	2123	40000	1.80							
0.71	2090	1856	40000	2.1							
0.81	1760	1625	40000	2.4	K	97R57	DR	63M4	180	523	
0.92	1520	1430	40000	2.8	KF	97R57	DR	63M4	200	523	
1.0	1420	1261	40000	3.0	KA	97R57	DR	63M4	160	523	
1.2	1240	1102	40000	3.5	KAF	97R57	DR	63M4	185	523	
1.4	1080	957	40000	4.0							
1.5	970	855	40000	4.4							
1.8	770	743	40000	5.6							
2.0	690	652	40000	6.2							
0.42	3430	3107	26200	0.80	K	87R57	DR	63M4	120	523	
0.48	2920	2728	27000	0.90	KF	87R57	DR	63M4	130	523	
0.56	2560	2371	27400	1.05	KA	87R57	DR	63M4	105	523	
					KAF	87R57	DR	63M4	120	523	



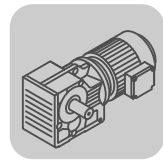
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.18	0.63	2350	2088	27700	1.15						
	0.71	2080	1854	28000	1.30						
	0.80	1860	1657	28200	1.45						
	0.93	1590	1415	28400	1.70	K	87R57	DR	63M4	120	523
	1.1	1380	1229	28600	1.95	KF	87R57	DR	63M4	125	523
	1.2	1200	1078	28700	2.2	KA	87R57	DR	63M4	105	523
	1.4	1030	951	28800	2.6	KAF	87R57	DR	63M4	120	523
	1.6	890	837	28800	3.0						
	1.8	775	726	28900	3.5						
	0.87	1710	1514	14100	0.90						
	0.95	1570	1388	15200	1.00						
	1.1	1380	1218	16500	1.10						
	1.2	1200	1053	17400	1.30						
	1.4	1050	924	18100	1.45	K	77R37	DR	63M4	69	523
	1.6	930	815	18600	1.65	KF	77R37	DR	63M4	77	523
	1.9	760	709	19100	2.0	KA	77R37	DR	63M4	62	523
2.1	665	622	19300	2.3	KAF	77R37	DR	63M4	70	523	
2.4	600	552	19500	2.6							
2.7	525	485	19600	2.9							
3.1	465	428	19800	3.3							
3.6	410	367	19800	3.8							
1.7	920	793	9240	0.90							
1.9	760	697	10800	1.05							
2.2	670	613	11500	1.20							
2.4	590	542	12000	1.40	K	67R37	DR	63M4	45	523	
2.8	535	471	12200	1.50	KF	67R37	DR	63M4	51	523	
3.2	455	420	12600	1.80	KA	67R37	DR	63M4	42	523	
3.6	405	361	12800	2.0	KAF	67R37	DR	63M4	48	523	
4.1	360	323	12900	2.3							
4.7	300	279	13000	2.7							
2.4	590	544	7690	1.00							
2.8	535	473	8150	1.10							
3.1	455	421	8620	1.30							
3.6	405	362	8840	1.45	K	57R37	DR	63M4	39	523	
4.1	360	319	9050	1.65	KF	57R37	DR	63M4	44	523	
4.7	300	280	9270	1.95	KA	57R37	DR	63M4	37	523	
5.4	265	246	9400	2.2	KAF	57R37	DR	63M4	43	523	
6.1	235	215	9510	2.5							
6.9	210	192	9600	2.8							
7.9	182	166	9690	3.3							
3.5	405	375	5600	1.00							
4.0	365	327	6320	1.10							
4.6	325	289	6800	1.20	K	47R37	DR	63M4	33	523	
5.2	275	256	7240	1.45	KF	47R37	DR	63M4	36	523	
5.9	250	225	7450	1.60	KA	47R37	DR	63M4	32	523	
6.7	215	198	7680	1.85	KAF	47R37	DR	63M4	35	523	
7.7	188	171	7840	2.1							
8.6	168	153	7930	2.4							
10	147	131	8020	2.7							
6.4	230	205	4860	0.85	K	37R17	DR	63M4	19	523	
7.3	200	181	5590	1.00	KF	37R17	DR	63M4	21	523	
8.2	180	160	5860	1.10	KA	37R17	DR	63M4	19	523	
9.7	151	136	6110	1.35	KAF	37R17	DR	63M4	20	523	
10	145	127	6160	1.40							
6.0	285	144.79*	13000	2.9	K	67	DR	63L6	35	484	
7.0	240	123.54	13000	3.4	KF	67	DR	63L6	40	485	
8.0	210	108.03	13000	3.8	KA	67	DR	63L6	32	486	
8.5	200	102.62	13000	4.0	KAF	67	DR	63L6	38	485	
9.1	188	144.79*	13000	4.4	K	67	DR	63M4	34	484	
11	161	123.54	13000	5.1	KF	67	DR	63M4	40	485	
12	141	108.03	13000	5.8	KA	67	DR	63M4	32	486	
					KAF	67	DR	63M4	37	485	
6.0	285	145.14*	9340	2.1	K	57	DR	63L6	29	479	
7.0	240	123.85	9480	2.4	KF	57	DR	63L6	34	480	
8.0	210	108.29	9590	2.8	KA	57	DR	63L6	27	481	
8.5	200	102.88*	9620	3.0	KAF	57	DR	63L6	32	480	
9.6	178	90.26*	9700	3.4							



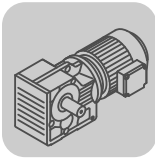
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.18	9.1	189	145.14*	9670	3.2						
	11	161	123.85	9750	3.7	K	57	DR	63M4	28	479
	12	141	108.29	9810	4.3	KF	57	DR	63M4	33	480
	13	134	102.88*	9830	4.5	KA	57	DR	63M4	26	481
	15	118	90.26*	9880	5.1	KAF	57	DR	63M4	32	480
	17	100	76.56*	9920	6.0						
	6.6	260	131.87*	7380	1.55	K	47	DR	63L6	23	474
	7.2	240	121.48*	7530	1.65	KF	47	DR	63L6	26	475
	8.3	205	104.37	7740	1.95	KA	47	DR	63L6	22	476
	9.6	180	90.86	7880	2.2	KAF	47	DR	63L6	25	475
	10	168	85.12*	7930	2.4						
	10	172	131.87*	7910	2.3	K	47	DR	63M4	22	474
	11	158	121.48*	7970	2.5	KF	47	DR	63M4	26	475
	13	136	104.37	8060	2.9	KA	47	DR	63M4	22	476
	15	118	90.86	8120	3.4	KAF	47	DR	63M4	24	475
	16	111	85.12*	8140	3.6						
	8.2	210	106.38	5520	0.95	K	37	DR	63L6	17	469
	8.9	193	97.81	5710	1.05	KF	37	DR	63L6	19	470
	10	165	83.69	5990	1.20	KA	37	DR	63L6	16	471
	12	143	72.54	6170	1.40	KAF	37	DR	63L6	18	470
	12	138	106.38	6210	1.45						
	14	127	97.81	6280	1.55						
	16	109	83.69	6400	1.85						
	18	94	72.54	6470	2.1						
	19	88	67.80	6500	2.3						
	23	76	58.60	6280	2.6						
	27	65	49.79	6010	3.1						
	30	58	44.46	5830	3.4						
	35	49	37.97	5580	4.0						
	37	46	35.57	5480	4.3	K	37	DR	63M4	16	469
	44	39	29.96	5220	5.1	KF	37	DR	63M4	18	470
	46	38	28.83	5160	5.3	KA	37	DR	63M4	16	471
53	32	24.99	4950	6.2	KAF	37	DR	63M4	18	470	
57	30	23.36	4850	6.4							
65	26	20.19	4650	7.0							
77	22	17.15	4430	8.1							
86	20	15.31	4280	8.8							
101	17	13.08	4080	9.7							
109	16	12.14	3980	10							
126	14	10.49	3810	12							
148	12	8.91	3620	14							
166	10	7.96	3490	15							
0.25	0.13	15100	9819	75600	0.85						
	0.15	13000	8443	79200	1.00						
	0.17	11500	7482	79900	1.10	K	127R77	DR	63L4	470	523
	0.20	10100	6565	80600	1.30	KF	127R77	DR	63L4	510	523
	0.22	8750	5804	81200	1.50	KA	127R77	DR	63L4	440	523
	0.26	7690	5027	81600	1.70	KAF	127R77	DR	63L4	480	523
	0.29	6660	4423	81900	1.95						
	0.33	5820	3889	82100	2.2						
	0.39	4870	3311	82300	2.7						
	0.21	9460	6184	65000	0.85						
	0.23	8480	5662	65000	0.95						
	0.25	7690	5138	65000	1.05						
	0.30	6730	4359	65000	1.20	K	107R77	DR	63L4	310	523
	0.34	5880	3810	65000	1.35	KF	107R77	DR	63L4	320	523
	0.39	5060	3358	65000	1.60	KA	107R77	DR	63L4	285	523
	0.44	4550	2977	65000	1.75	KAF	107R77	DR	63L4	305	523
	0.50	3970	2599	65000	2.0						
	0.57	3440	2286	65000	2.3						
	0.67	2920	1939	65000	2.7						
	0.76	2670	1713	65000	3.0	K	107R77	DR	63L4	310	523
	0.84	2430	1554	65000	3.3	KF	107R77	DR	63L4	320	523
	0.97	2080	1336	65000	3.8	KA	107R77	DR	63L4	280	523
						KAF	107R77	DR	63L4	305	523
	0.42	4980	3108	39900	0.85	K	97R57	DR	63L4	180	523
						KF	97R57	DR	63L4	200	523
	0.47	4350	2757	40000	1.00	KA	97R57	DR	63L4	160	523
						KAF	97R57	DR	63L4	185	523



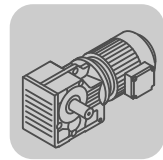
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.25	0.54	3920	2419	40000	1.10						
	0.61	3420	2123	40000	1.25						
	0.70	3010	1856	40000	1.40						
	0.80	2570	1625	40000	1.65	K	97R57	DR	63L4	180	523
	0.91	2240	1430	40000	1.90	KF	97R57	DR	63L4	200	523
	1.0	2050	1261	40000	2.1	KA	97R57	DR	63L4	160	523
	1.2	1790	1102	40000	2.4	KAF	97R57	DR	63L4	185	523
	1.4	1560	957	40000	2.7						
	1.5	1400	855	40000	3.1						
	0.62	3390	2088	26300	0.80						
	0.70	3010	1854	26900	0.90						
	0.78	2690	1657	27300	1.00						
	0.92	2290	1415	27800	1.15	K	87R57	DR	63L4	120	523
	1.1	1990	1229	28100	1.35	KF	87R57	DR	63L4	125	523
	1.2	1730	1078	28300	1.55	KA	87R57	DR	63L4	105	523
1.4	1500	951	28500	1.80	KAF	87R57	DR	63L4	120	523	
1.6	1310	837	28600	2.1							
1.8	1130	726	28700	2.4							
2.0	1010	638	28800	2.7							
1.2	1720	1053	14000	0.90							
1.4	1510	924	15600	1.00							
1.6	1330	815	16700	1.15							
1.8	1110	709	17800	1.40							
2.1	970	622	18400	1.60							
2.4	870	552	18700	1.75							
2.7	765	485	19100	2.0	K	77R37	DR	63L4	70	523	
3.0	675	428	19300	2.3	KF	77R37	DR	63L4	78	523	
3.5	590	367	19500	2.6	KA	77R37	DR	63L4	62	523	
4.0	525	328	19600	2.9	KAF	77R37	DR	63L4	70	523	
4.5	465	290	19700	3.3							
5.2	400	252	19900	3.8							
5.9	350	221	19900	4.4							
6.7	310	195	20000	5.0							
7.4	270	175	20000	5.6							
2.1	970	613	5680	0.85							
2.4	860	542	9920	0.95							
2.8	775	471	10700	1.05							
3.1	665	420	11500	1.25	K	67R37	DR	63L4	46	523	
3.6	590	361	11900	1.40	KF	67R37	DR	63L4	51	523	
4.0	520	323	12300	1.55	KA	67R37	DR	63L4	43	523	
4.7	440	279	12600	1.85	KAF	67R37	DR	63L4	49	523	
5.3	390	246	12800	2.1							
6.0	345	217	13000	2.4							
3.1	665	421	4200	0.90							
3.6	590	362	7690	1.00							
4.1	520	319	8260	1.15							
4.6	440	280	8680	1.35							
5.3	390	246	8920	1.55	K	57R37	DR	63L4	40	523	
6.0	345	215	9110	1.75	KF	57R37	DR	63L4	45	523	
6.8	305	192	9260	1.95	KA	57R37	DR	63L4	38	523	
7.8	265	166	9410	2.3	KAF	57R37	DR	63L4	43	523	
9.0	230	145	9530	2.6							
10	210	129	9600	2.8							
12	178	111	9700	3.4							
13	156	97	9770	3.8							
4.7	510	192.18	19700	2.8	K	77	DRS	71S6	62	489	
5.0	475	179.37	19700	3.0	KF	77	DRS	71S6	71	490	
5.8	410	154.02	19800	3.8	KA	77	DRS	71S6	55	491	
6.6	360	135.28	19900	4.3	KAF	77	DRS	71S6	63	490	
6.2	385	144.79*	12900	2.1	K	67	DRS	71S6	36	484	
7.2	325	123.54	13000	2.5	KF	67	DRS	71S6	42	485	
8.3	285	108.03	13000	2.8	KA	67	DRS	71S6	34	486	
8.7	270	102.62	13000	3.0	KAF	67	DRS	71S6	39	485	
9.0	265	144.79*	13000	3.1	K	67	DR	63L4	35	484	
11	225	123.54	13000	3.6	KF	67	DR	63L4	40	485	
12	198	108.03	13000	4.1	KA	67	DR	63L4	32	486	
13	188	102.62	13000	4.4	KAF	67	DR	63L4	38	485	



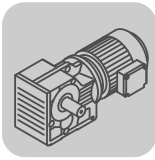
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]		
0.25	6.2	385	145.14*	8940	1.55							
	7.2	330	123.85	9170	1.80	K	57	DRS	71S6	31	479	
	8.3	285	108.29	9330	2.1	KF	57	DRS	71S6	35	480	
	8.7	270	102.88*	9380	2.2	KA	57	DRS	71S6	28	481	
	9.9	240	90.26*	9500	2.5	KAF	57	DRS	71S6	34	480	
	12	200	76.56*	9620	2.9							
	9.0	265	145.14*	9410	2.2							
	10	225	123.85	9540	2.6	K	57	DR	63L4	29	479	
	12	199	108.29	9640	3.0	KF	57	DR	63L4	34	480	
	13	189	102.88*	9670	3.2	KA	57	DR	63L4	27	481	
	14	166	90.26*	9740	3.6	KAF	57	DR	63L4	32	480	
	17	141	76.56*	9810	4.3							
	6.8	350	131.87*	6540	1.15	K	47	DRS	71S6	25	474	
	7.4	320	121.48*	6830	1.25	KF	47	DRS	71S6	28	475	
	8.6	275	104.37	7240	1.45	KA	47	DRS	71S6	24	476	
						KAF	47	DRS	71S6	27	475	
	9.8	240	90.86	7510	1.65	K	47	DRS	71S6	25	474	
	11	225	85.12*	7610	1.75	KF	47	DRS	71S6	28	475	
						KA	47	DRS	71S6	24	476	
						KAF	47	DRS	71S6	27	475	
	9.9	240	131.87*	7510	1.65	K	47	DR	63L4	23	474	
	11	220	121.48*	7640	1.80	KF	47	DR	63L4	26	475	
	12	192	104.37	7820	2.1	KA	47	DR	63L4	22	476	
	14	167	90.86	7930	2.4	KAF	47	DR	63L4	25	475	
	15	156	85.12*	7980	2.6							
	11	220	83.69	5350	0.90	K	37	DRS	71S6	19	469	
	12	194	72.54	5710	1.05	KF	37	DRS	71S6	21	470	
	13	181	67.80	5840	1.10	KA	37	DRS	71S6	18	471	
	15	156	58.60	6070	1.30	KAF	37	DRS	71S6	20	470	
	18	133	49.79	6250	1.50							
	12	195	106.38	5690	1.00							
	13	180	97.81	5860	1.10							
	16	154	83.69	6090	1.30							
	18	133	72.54	6240	1.50							
	19	124	67.80	6220	1.60							
	22	108	58.60	6030	1.85							
	26	91	49.79	5810	2.2							
	29	82	44.46	5650	2.4							
	34	70	37.97	5430	2.9							
	37	65	35.57	5340	3.1							
	43	55	29.96	5100	3.6	K	37	DR	63L4	17	469	
	45	53	28.83	5050	3.8	KF	37	DR	63L4	19	470	
	52	46	24.99	4860	4.4	KA	37	DR	63L4	16	471	
	56	43	23.36	4770	4.6	KAF	37	DR	63L4	18	470	
	64	37	20.19	4580	5.0							
	76	32	17.15	4370	5.7							
	85	28	15.31	4220	6.2							
	99	24	13.08	4030	6.9							
	107	22	12.14	3940	7.2							
	124	19	10.49	3780	8.3							
	146	16	8.91	3590	9.8							
	163	15	7.96	3470	11							
	191	12	6.80	3300	12							
	204	12	6.37	3240	12							
0.37	0.18	16500	7482	72700	0.80							
	0.21	14500	6565	76900	0.90							
	0.24	12600	5804	79400	1.05	K	127R77	DRS	71S4	470	523	
	0.27	11000	5027	80200	1.20	KF	127R77	DRS	71S4	510	523	
	0.31	9610	4423	80800	1.35	KA	127R77	DRS	71S4	445	523	
	0.35	8410	3889	81300	1.55	KAF	127R77	DRS	71S4	480	523	
	0.42	7080	3311	81800	1.85							
		0.72	4280	1926	82400	3.0	K	127R77	DRS	71S4	470	523
		0.79	3900	1757	82500	3.3	KF	127R77	DRS	71S4	510	523
		0.90	3390	1541	82600	3.8	KA	127R77	DRS	71S4	445	523
							KAF	127R77	DRS	71S4	480	523



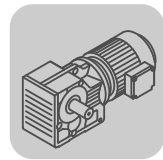
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.37	0.36	8420	3810	65000	0.95						
	0.41	7290	3358	65000	1.10	K	107R77	DRS	71S4	310	523
	0.46	6530	2977	65000	1.20	KF	107R77	DRS	71S4	325	523
	0.53	5700	2599	65000	1.40	KA	107R77	DRS	71S4	285	523
	0.60	4960	2286	65000	1.60	KAF	107R77	DRS	71S4	310	523
	0.71	4210	1939	65000	1.90						
	0.81	3830	1713	65000	2.1	K	107R77	DRS	71S4	310	523
	0.89	3470	1554	65000	2.3	KF	107R77	DRS	71S4	325	523
	1.0	2990	1336	65000	2.7	KA	107R77	DRS	71S4	285	523
	1.2	2600	1166	65000	3.1	KAF	107R77	DRS	71S4	305	523
	0.65	4850	2123	40000	0.90						
	0.74	4270	1856	40000	1.00						
	0.85	3670	1625	40000	1.15						
	0.96	3200	1430	40000	1.35						
	1.1	2900	1261	40000	1.50	K	97R57	DRS	71S4	180	523
	1.2	2530	1102	40000	1.70	KF	97R57	DRS	71S4	200	523
	1.4	2220	957	40000	1.95	KA	97R57	DRS	71S4	160	523
	1.6	1980	855	40000	2.2	KAF	97R57	DRS	71S4	185	523
	1.9	1640	743	40000	2.6						
	2.1	1450	652	40000	3.0						
	2.4	1310	573	40000	3.3						
	0.97	3250	1415	26500	0.85						
	1.1	2820	1229	27100	0.95						
	1.3	2460	1078	27600	1.10						
1.4	2140	951	27900	1.25							
1.6	1870	837	28200	1.45	K	87R57	DRS	71S4	120	523	
1.9	1620	726	28400	1.65	KF	87R57	DRS	71S4	130	523	
2.2	1440	638	28500	1.85	KA	87R57	DRS	71S4	110	523	
2.5	1250	562	28600	2.2	KAF	87R57	DRS	71S4	120	523	
2.9	1050	474	28800	2.6							
3.2	950	426	28800	2.8							
3.7	830	373	28900	3.2							
1.7	1880	815	7450	0.80							
2.0	1590	709	15100	0.95							
2.2	1390	622	16400	1.10							
2.5	1250	552	17200	1.25							
2.8	1090	485	17900	1.40							
3.2	960	428	18400	1.60	K	77R37	DRS	71S4	72	523	
3.8	840	367	18900	1.85	KF	77R37	DRS	71S4	80	523	
4.2	745	328	19100	2.1	KA	77R37	DRS	71S4	64	523	
4.8	665	290	19400	2.3	KAF	77R37	DRS	71S4	72	523	
5.5	570	252	19600	2.7							
6.2	500	221	19700	3.1							
7.1	440	195	19800	3.5							
7.9	390	175	19900	4.0							
9.0	345	154	19900	4.5							
3.3	940	420	8130	0.85							
3.8	830	361	10200	1.00							
4.3	740	323	10900	1.10							
5.0	630	279	11700	1.30	K	67R37	DRS	71S4	48	523	
5.6	555	246	12100	1.50	KF	67R37	DRS	71S4	53	523	
6.4	490	217	12400	1.65	KA	67R37	DRS	71S4	45	523	
7.2	430	191	12700	1.90	KAF	67R37	DRS	71S4	51	523	
8.3	370	166	12900	2.2							
9.6	325	144	13000	2.5							
11	275	122	13000	2.9							
4.9	630	280	7350	0.95							
5.6	555	246	7980	1.10							
6.4	490	215	8460	1.20							
7.2	435	192	8720	1.40	K	57R37	DRS	71S4	42	523	
8.3	375	166	8980	1.60	KF	57R37	DRS	71S4	47	523	
9.6	330	145	9170	1.80	KA	57R37	DRS	71S4	40	523	
11	295	129	9290	2.0	KAF	57R37	DRS	71S4	45	523	
12	250	111	9460	2.4							
14	220	97	9560	2.7							
4.6	770	197.37	28900	3.5	K	87	DRS	71M6	99	494	
5.2	680	174.19	28900	4.0	KF	87	DRS	71M6	110	495	
					KA	87	DRS	71M6	87	496	
					KAF	87	DRS	71M6	100	495	



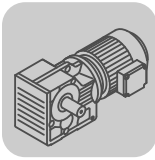
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						K	KF	KA	KAF		
0.37	5.9	600	154.02	19500	2.6	K	77	DRS	71M6	64	489
	6.7	525	135.28	19600	2.9	KF	77	DRS	71M6	72	490
	7.0	500	128.52	19700	3.1	KA	77	DRS	71M6	56	491
	8.0	440	113.56	19800	3.5	KAF	77	DRS	71M6	64	490
	7.2	490	192.18	19700	3.0	K	77	DRS	71S4	62	489
	7.7	455	179.37	19800	3.2	KF	77	DRS	71S4	71	490
	9.0	390	154.02	19900	3.9	KA	77	DRS	71S4	55	491
						KAF	77	DRS	71S4	63	490
	7.3	480	123.54	12500	1.70	K	67	DRS	71M6	38	484
	8.4	420	108.03	12700	1.95	KF	67	DRS	71M6	43	485
	8.8	400	102.62	12800	2.0	KA	67	DRS	71M6	35	486
	10	350	90.04	13000	2.3	KAF	67	DRS	71M6	41	485
	9.5	370	144.79*	12900	2.2	K	67	DRS	71S4	36	484
	11	315	123.54	13000	2.6	KF	67	DRS	71S4	42	485
	13	275	108.03	13000	3.0	KA	67	DRS	71S4	34	486
	15	230	90.04	13000	3.6	KAF	67	DRS	71S4	39	485
	18	196	76.37	13000	4.2						
	7.3	480	123.85	8500	1.25	K	57	DRS	71M6	32	479
	8.4	420	108.29	8780	1.40	KF	57	DRS	71M6	37	480
	8.8	400	102.88*	8880	1.50	KA	57	DRS	71M6	30	481
	10	350	90.26*	9080	1.70	KAF	57	DRS	71M6	35	480
	12	295	76.56*	9290	2.0						
	13	265	69.12	9400	2.2						
	9.5	370	145.14*	9000	1.60	K	57	DRS	71S4	31	479
	11	315	123.85	9220	1.90	KF	57	DRS	71S4	35	480
	13	275	108.29	9370	2.2	KA	57	DRS	71S4	28	481
	13	260	102.88*	9420	2.3	KAF	57	DRS	71S4	34	480
	15	230	90.26*	9530	2.6						
	18	196	76.56*	9640	3.1						
	20	177	69.12	9700	3.4						
	8.7	405	104.37	5720	1.00	K	47	DRS	71M6	26	474
	10.0	350	90.86	6500	1.15	KF	47	DRS	71M6	29	475
	11	330	85.12*	6750	1.20	KA	47	DRS	71M6	25	476
	12	290	75.20*	7120	1.35	KAF	47	DRS	71M6	28	475
	10	335	131.87*	6690	1.20	K	47	DRS	71S4	25	474
	11	310	121.48*	6960	1.30	KF	47	DRS	71S4	28	475
	13	265	104.37	7330	1.50	KA	47	DRS	71S4	24	476
						KAF	47	DRS	71S4	27	475
	15	230	90.86	7580	1.70	K	47	DRS	71S4	25	474
	16	215	85.12*	7670	1.85	KF	47	DRS	71S4	28	475
	18	192	75.20*	7810	2.1	KA	47	DRS	71S4	24	476
	20	179	69.84	7880	2.2	KAF	47	DRS	71S4	27	475
	22	162	63.30*	7960	2.5						
	14	250	97.81	2520	0.80						
	16	210	83.69	5470	0.95						
	19	186	72.54	5690	1.10						
	20	174	67.80	5630	1.15						
	24	150	58.60	5500	1.35						
	28	128	49.79	5350	1.55						
	31	114	44.46	5230	1.75						
	36	97	37.97	5060	2.1						
	39	91	35.57	4990	2.2						
	46	77	29.96	4800	2.6						
	48	74	28.83	4750	2.7	K	37	DRS	71S4	19	469
	55	64	24.99	4590	3.1	KF	37	DRS	71S4	21	470
	59	60	23.36	4510	3.3	KA	37	DRS	71S4	18	471
	68	52	20.19	4350	3.6	KAF	37	DRS	71S4	20	470
	80	44	17.15	4160	4.1						
	90	39	15.31	4040	4.5						
	105	34	13.08	3860	4.9						
	114	31	12.14	3780	5.1						
	132	27	10.49	3630	6.0						
	155	23	8.91	3460	7.0						
	173	20	7.96	3350	7.6						
	203	17	6.80	3190	8.6						
	217	16	6.37	3130	8.9						
	257	14	5.36	2970	10						



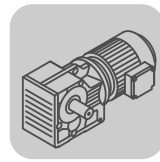
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.55	0.08	54100	16978	190000	0.90						
	0.10	45400	14272	190000	1.10						
	0.11	41300	13116	190000	1.20	K	187R97	DRS	71M4	1770	523
	0.12	36000	11647	190000	1.40	KH	187R97	DRS	71M4	1700	523
	0.19	23300	7343	190000	2.1						
	0.12	36900	11573	150000	0.85						
	0.13	32700	10264	150000	1.00	K	167R97	DRS	71M4	1180	523
	0.16	27400	8628	150000	1.15	KH	167R97	DRS	71M4	1150	523
	0.21	20800	6562	150000	1.55						
	0.26	16500	5355	150000	1.95						
	0.34	12800	4079	150000	2.5						
	0.20	21900	6881	110000	0.80	K	157R97	DRS	71M4	790	523
	0.23	18800	5931	111700	0.95	KF	157R97	DRS	71M4	870	523
	0.35	12600	3979	114500	1.40	KA	157R97	DRS	71M4	750	523
	0.45	9710	3051	115400	1.85	KAF	157R97	DRS	71M4	810	523
	0.31	14600	4423	76600	0.90	K	127R77	DRS	71M4	475	523
	0.35	12800	3889	79200	1.00	KF	127R77	DRS	71M4	520	523
	0.42	10800	3311	80300	1.20	KA	127R77	DRS	71M4	445	523
	0.46	9840	3009	80700	1.30	KAF	127R77	DRS	71M4	485	523
	0.53	8450	2607	81300	1.55						
0.72	6520	1926	81900	2.00							
0.79	5940	1757	82100	2.2	K	127R77	DRS	71M4	470	523	
0.90	5180	1541	82300	2.5	KF	127R77	DRS	71M4	510	523	
1.0	4540	1342	82400	2.9	KA	127R77	DRS	71M4	445	523	
1.2	3950	1177	82500	3.3	KAF	127R77	DRS	71M4	480	523	
1.4	3460	1025	82600	3.8							
0.46	9950	2977	65000	0.80	K	107R77	DRS	71M4	315	523	
0.53	8690	2599	65000	0.90	KF	107R77	DRS	71M4	325	523	
0.60	7590	2286	65000	1.05	KA	107R77	DRS	71M4	285	523	
0.71	6440	1939	65000	1.25	KAF	107R77	DRS	71M4	310	523	
0.81	5820	1713	65000	1.35							
0.89	5280	1554	65000	1.50							
1.0	4540	1336	65000	1.75	K	107R77	DRS	71M4	310	523	
1.2	3960	1166	65000	2.0	KF	107R77	DRS	71M4	325	523	
1.3	3400	1030	65000	2.4	KA	107R77	DRS	71M4	285	523	
1.5	2960	904	65000	2.7	KAF	107R77	DRS	71M4	310	523	
1.7	2680	793	65000	3.0							
2.0	2330	696	65000	3.4							
2.2	2010	615	65000	4.0							
0.96	4860	1430	40000	0.90							
1.1	4360	1261	40000	1.00							
1.2	3810	1102	40000	1.15							
1.4	3340	957	40000	1.30							
1.6	2990	855	40000	1.45	K	97R57	DRS	71M4	180	523	
1.9	2500	743	40000	1.70	KF	97R57	DRS	71M4	200	523	
2.1	2210	652	40000	1.95	KA	97R57	DRS	71M4	165	523	
2.4	1980	573	40000	2.2	KAF	97R57	DRS	71M4	190	523	
2.7	1690	504	40000	2.5							
3.2	1450	437	40000	3.0							
3.6	1300	382	40000	3.3							
4.5	1040	305	40000	4.1							
1.4	3250	951	26500	0.85							
1.6	2840	837	27100	0.95							
1.9	2470	726	27600	1.10							
2.2	2180	638	27900	1.25							
2.5	1910	562	28100	1.40	K	87R57	DRS	71M4	120	523	
2.9	1610	474	28400	1.70	KF	87R57	DRS	71M4	130	523	
3.2	1440	426	28500	1.85	KA	87R57	DRS	71M4	110	523	
3.7	1270	373	28600	2.1	KAF	87R57	DRS	71M4	120	523	
4.2	1100	330	28700	2.4							
4.7	990	294	28800	2.7							
5.5	860	250	28900	3.1							
5.8	810	236	28900	3.3							
6.9	685	201	28900	3.9							



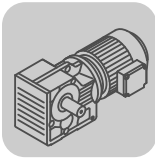
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.55	2.8	1660	485	14600	0.95						
	3.2	1460	428	16000	1.05						
	3.8	1260	367	17100	1.20						
	4.2	1120	328	17800	1.35	K	77R37	DRS	71M4	73	523
	4.8	1000	290	18300	1.55	KF	77R37	DRS	71M4	81	523
	5.5	860	252	18800	1.80	KA	77R37	DRS	71M4	65	523
	6.2	755	221	19100	2.0	KAF	77R37	DRS	71M4	73	523
	7.1	665	195	19300	2.3						
	7.9	595	175	19500	2.6						
9.0	525	154	19600	3.0							
5.0	950	279	7650	0.85							
5.6	840	246	10100	0.95	K	67R37	DRS	71M4	49	523	
6.4	745	217	10900	1.10	KF	67R37	DRS	71M4	54	523	
7.2	655	191	11600	1.25	KA	67R37	DRS	71M4	46	523	
8.3	565	166	12100	1.45	KAF	67R37	DRS	71M4	52	523	
9.6	495	144	12400	1.65							
11	420	122	12700	1.95							
7.2	655	192	5460	0.90							
8.3	570	166	7870	1.05	K	57R37	DRS	71M4	43	523	
9.6	500	145	8420	1.20	KF	57R37	DRS	71M4	48	523	
11	445	129	8660	1.35	KA	57R37	DRS	71M4	41	523	
12	380	111	8960	1.55	KAF	57R37	DRS	71M4	47	523	
14	335	97	9140	1.80							
4.6	1130	197.37	28700	2.4	K	87	DRS	80S6	100	494	
5.2	990	174.19	28800	2.7	KF	87	DRS	80S6	110	495	
5.6	940	164.34*	28800	2.9	KA	87	DRS	80S6	90	496	
6.2	840	147.32*	28900	3.2	KAF	87	DRS	80S6	105	495	
5.9	880	154.02	18700	1.75	K	77	DRS	80S6	66	489	
6.8	775	135.28	19100	2.0	KF	77	DRS	80S6	74	490	
7.1	735	128.52	19200	2.1	KA	77	DRS	80S6	59	491	
8.1	650	113.56	19400	2.4	KAF	77	DRS	80S6	66	490	
9.0	585	154.02	19500	2.6							
10	510	135.28	19700	3.0	K	77	DRS	71M4	64	489	
11	485	128.52	19700	3.2	KF	77	DRS	71M4	72	490	
12	430	113.56	19800	3.6	KA	77	DRS	71M4	56	491	
14	365	97.05	19900	4.2	KAF	77	DRS	71M4	64	490	
7.4	705	123.54	11200	1.15	K	67	DRS	80S6	40	484	
8.5	620	108.03	11800	1.30	KF	67	DRS	80S6	46	485	
8.9	585	102.62	12000	1.40	KA	67	DRS	80S6	37	486	
10	515	90.04	12300	1.60	KAF	67	DRS	80S6	43	485	
12	435	76.37	12700	1.85	K	67	DRS	80S6	40	484	
					KF	67	DRS	80S6	46	485	
					KA	67	DRS	80S6	37	486	
					KAF	67	DRS	80S6	43	485	
11	470	123.54	12500	1.75	K	67	DRS	71M4	38	484	
13	410	108.03	12800	2.00	KF	67	DRS	71M4	43	485	
15	340	90.04	13000	2.4	KA	67	DRS	71M4	35	486	
18	290	76.37	13000	2.8	KAF	67	DRS	71M4	41	485	
8.4	620	108.29	7450	0.95							
8.9	590	102.88*	7710	1.00	K	57	DRS	80S6	34	479	
10	515	90.26*	8280	1.15	KF	57	DRS	80S6	39	480	
12	435	76.56*	8710	1.35	KA	57	DRS	80S6	32	481	
13	395	69.12	8900	1.50	KAF	57	DRS	80S6	38	480	
15	345	60.81*	9100	1.70							
16	325	57.42*	9170	1.80							
11	470	123.85	8560	1.25							
13	410	108.29	8830	1.45							
13	390	102.88*	8920	1.55	K	57	DRS	71M4	32	479	
15	340	90.26*	9120	1.75	KF	57	DRS	71M4	37	480	
18	290	76.56*	9320	2.1	KA	57	DRS	71M4	30	481	
20	260	69.12	9420	2.3	KAF	57	DRS	71M4	35	480	
23	230	60.81*	9530	2.6							
24	215	57.42*	9570	2.8							
13	395	104.37	5960	1.00							
15	345	90.86	6600	1.15	K	47	DRS	71M4	26	474	
16	320	85.12*	6830	1.25	KF	47	DRS	71M4	29	475	
18	285	75.20*	7180	1.40	KA	47	DRS	71M4	25	476	
20	265	69.84	7340	1.50	KAF	47	DRS	71M4	28	475	



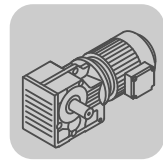
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.55	22	240	63.30*	7520	1.65	K	47	DRS	71M4	26	474
	24	215	56.83	7680	1.85	KF	47	DRS	71M4	29	475
	28	186	48.95*	7840	2.2	KA	47	DRS	71M4	25	476
	30	175	46.03*	7900	2.3	KAF	47	DRS	71M4	28	475
	24	220	58.60	4840	0.90						
	28	190	49.79	4780	1.05						
	31	169	44.46	4730	1.20						
	36	144	37.97	4630	1.40						
	39	135	35.57	4580	1.50						
	46	114	29.96	4460	1.75						
	48	110	28.83	4420	1.80						
	55	95	24.99	4310	2.1						
	59	89	23.36	4250	2.2						
	68	77	20.19	4120	2.4	K	37	DRS	71M4	20	469
	80	65	17.15	3970	2.8	KF	37	DRS	71M4	22	470
	90	58	15.31	3860	3.0	KA	37	DRS	71M4	20	471
	105	50	13.08	3720	3.3	KAF	37	DRS	71M4	21	470
	114	46	12.14	3650	3.5						
	132	40	10.49	3510	4.0						
	155	34	8.91	3360	4.7						
	173	30	7.96	3260	5.1						
	203	26	6.80	3120	5.8						
	217	24	6.37	3060	6.0						
	257	20	5.36	2910	6.9						
347	15	3.98	2670	8.3							
0.75	0.11	56600	13116	190000	0.90						
	0.12	49600	11647	190000	1.00	K	187R97	DRS	80S4	1770	523
	0.19	31900	7343	190000	1.55	KH	187R97	DRS	80S4	1700	523
	0.21	29100	6747	190000	1.70						
	0.24	25500	5991	190000	1.95						
	0.16	37500	8628	150000	0.85						
	0.21	28500	6562	150000	1.10	K	167R97	DRS	80S4	1190	523
	0.26	22800	5355	150000	1.40	KH	167R97	DRS	80S4	1150	523
	0.35	17600	4079	150000	1.80						
	0.42	14600	3376	150000	2.2						
	0.35	17300	3979	112500	1.05	K	157R97	DRS	80S4	790	523
	0.46	13200	3051	114200	1.35	KF	157R97	DRS	80S4	870	523
						KA	157R97	DRS	80S4	760	523
						KAF	157R97	DRS	80S4	810	523
	0.85	7310	1659	115900	2.5	K	157R97	DRS	80S4	790	523
	1.0	5890	1365	116200	3.1	KF	157R97	DRS	80S4	870	523
						KA	157R97	DRS	80S4	750	523
						KAF	157R97	DRS	80S4	810	523
	0.43	14700	3311	76400	0.90	K	127R77	DRS	80S4	475	523
	0.47	13300	3009	79000	0.95	KF	127R77	DRS	80S4	520	523
	0.54	11500	2607	80000	1.15	KA	127R77	DRS	80S4	450	523
						KAF	127R77	DRS	80S4	485	523
	0.73	8810	1926	81200	1.50						
	0.80	8030	1757	81400	1.60	K	127R77	DRS	80S4	475	523
	0.91	7010	1541	81800	1.85	KF	127R77	DRS	80S4	520	523
	1.0	6130	1342	82000	2.1	KA	127R77	DRS	80S4	445	523
	1.2	5350	1177	82200	2.4	KAF	127R77	DRS	80S4	485	523
	1.4	4680	1025	82400	2.8						
	1.6	4090	899	82500	3.2						
	0.82	7860	1713	65000	1.00						
	0.91	7130	1554	65000	1.10	K	107R77	DRS	80S4	315	523
	1.1	6130	1336	65000	1.30	KF	107R77	DRS	80S4	325	523
	1.2	5350	1166	65000	1.50	KA	107R77	DRS	80S4	285	523
	1.4	4630	1030	65000	1.75	KAF	107R77	DRS	80S4	310	523
	1.6	4030	904	65000	2.00						
	1.8	3620	793	65000	2.2						
2.0	3160	696	65000	2.5							
2.3	2740	615	65000	2.9							



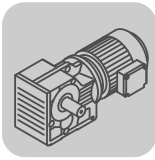
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B							m [kg]	
0.75	1.3	5120	1102	39800	0.85								
	1.5	4490	957	40000	0.95								
	1.6	4010	855	40000	1.05								
	1.9	3390	743	40000	1.25								
	2.2	2980	652	40000	1.45								
	2.5	2670	573	40000	1.60	K	97R57	DRS	80S4	185	523		
	2.8	2290	504	40000	1.85	KF	97R57	DRS	80S4	205	523		
	3.2	1970	437	40000	2.2	KA	97R57	DRS	80S4	165	523		
	3.7	1750	382	40000	2.4	KAF	97R57	DRS	80S4	190	523		
	4.6	1410	305	40000	3.0								
5.5	1190	258	40000	3.6									
6.1	1070	232	40000	4.0									
7.1	910	199	40000	4.7									
1.9	3330	726	26400	0.80									
2.2	2940	638	27000	0.90									
2.5	2570	562	27400	1.05									
3.0	2170	474	27900	1.25									
3.3	1950	426	28100	1.40	K	87R57	DRS	80S4	125	523			
3.8	1710	373	28300	1.55	KF	87R57	DRS	80S4	135	523			
4.3	1500	330	28500	1.80	KA	87R57	DRS	80S4	110	523			
4.8	1340	294	28600	2.0	KAF	87R57	DRS	80S4	125	523			
5.6	1160	250	28700	2.3									
6.0	1090	236	28700	2.5									
7.0	920	201	28800	2.9									
3.8	1700	367	14200	0.90									
4.3	1510	328	15600	1.00	K	77R37	DRS	80S4	75	523			
4.9	1340	290	16700	1.15	KF	77R37	DRS	80S4	83	523			
5.6	1160	252	17600	1.35	KA	77R37	DRS	80S4	68	523			
6.4	1020	221	18200	1.50	KAF	77R37	DRS	80S4	76	523			
5.2	1360	174.19	28600	2.00	K	87	DRS	80M6	105	494			
5.6	1280	164.34*	28600	2.1	KF	87	DRS	80M6	115	495			
6.2	1150	147.32*	28700	2.3	KA	87	DRS	80M6	92	496			
7.2	990	126.91*	28800	2.7	KAF	87	DRS	80M6	105	495			
7.1	1000	197.37	28800	2.7	K	87	DRS	80S4	100	494			
8.1	880	174.19	28800	3.0	KF	87	DRS	80S4	110	495			
8.6	830	164.34*	28900	3.2	KA	87	DRS	80S4	90	496			
9.6	745	147.32*	28900	3.6	KAF	87	DRS	80S4	105	495			
6.8	1050	135.28	18100	1.45	K	77	DRS	80M6	69	489			
7.1	1000	128.52	18300	1.55	KF	77	DRS	80M6	77	490			
8.1	880	113.56	18700	1.75	KA	77	DRS	80M6	61	491			
					KAF	77	DRS	80M6	69	490			
					K	77	DRS	80M6	69	489			
9.4	755	97.05	19100	2.0	KF	77	DRS	80M6	77	490			
10	695	88.97	19300	2.2	KA	77	DRS	80M6	61	491			
					KAF	77	DRS	80M6	69	490			
9.2	780	154.02	19000	2.00	K	77	DRS	80S4	66	489			
10	685	135.28	19300	2.3	KF	77	DRS	80S4	74	490			
11	650	128.52	19400	2.4	KA	77	DRS	80S4	59	491			
12	575	113.56	19500	2.7	KAF	77	DRS	80S4	66	490			
15	490	97.05	19700	3.1									
11	625	123.54	11700	1.30	K	67	DRS	80S4	40	484			
13	545	108.03	12200	1.50	KF	67	DRS	80S4	46	485			
16	455	90.04	12600	1.80	KA	67	DRS	80S4	37	486			
					KAF	67	DRS	80S4	43	485			
18	385	76.37	12900	2.1	K	67	DRS	80S4	40	484			
20	350	68.95	13000	2.3	KF	67	DRS	80S4	46	485			
23	305	60.66	13000	2.7	KA	67	DRS	80S4	37	486			
25	290	57.28	13000	2.8	KAF	67	DRS	80S4	43	485			
11	625	123.85	7390	0.95									
13	550	108.29	8030	1.10									
14	520	102.88*	8250	1.15									
16	455	90.26*	8620	1.30	K	57	DRS	80S4	34	479			
18	385	76.56*	8930	1.55	KF	57	DRS	80S4	39	480			
20	350	69.12	9090	1.70	KA	57	DRS	80S4	32	481			
23	305	60.81*	9250	1.95	KAF	57	DRS	80S4	38	480			
25	290	57.42*	9320	2.1									
29	245	48.89	9470	2.4									
32	225	44.43	9550	2.7									



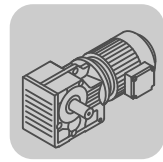
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
0.75	19	380	75.20*	6170	1.05	K	47	DRS	80S4	28	474	
	20	350	69.84	6500	1.15	KF	47	DRS	80S4	32	475	
	22	320	63.30*	6860	1.25	KA	47	DRS	80S4	27	476	
							KAF	47	DRS	80S4	30	475
	25	285	56.83	7160	1.40							
	29	245	48.95*	7470	1.60	K	47	DRS	80S4	28	474	
	31	230	46.03*	7570	1.70	KF	47	DRS	80S4	32	475	
	36	200	39.61	7760	2.00	KA	47	DRS	80S4	27	476	
	40	180	35.39	7720	2.2	KAF	47	DRS	80S4	30	475	
	45	159	31.30	7520	2.5							
	32	225	44.46	4170	0.90							
	37	193	37.97	4150	1.05							
	40	181	35.57	4130	1.10							
	47	152	29.96	4070	1.30							
	49	146	28.83	4050	1.35							
	56	127	24.99	3980	1.60							
	60	119	23.36	3940	1.65							
	70	102	20.19	3850	1.80							
	82	87	17.15	3740	2.1	K	37	DRS	80S4	22	469	
	92	78	15.31	3650	2.2	KF	37	DRS	80S4	24	470	
	108	66	13.08	3530	2.5	KA	37	DRS	80S4	22	471	
	116	62	12.14	3480	2.6	KAF	37	DRS	80S4	23	470	
	134	53	10.49	3360	3.0							
	158	45	8.91	3230	3.5							
	177	40	7.96	3140	3.8							
	207	34	6.80	3010	4.4							
	221	32	6.37	2960	4.5							
	263	27	5.36	2830	5.2							
	354	20	3.98	2600	6.2							
	1.1	0.15	59200	9363	190000	0.85						
0.17		50700	8126	190000	1.00							
0.19		48000	7343	190000	1.05							
0.21		43900	6747	190000	1.15	K	187R97	DRS	80M4	1770	523	
0.24		38600	5991	190000	1.30	KH	187R97	DRS	80M4	1700	523	
0.26		34200	5358	190000	1.45							
0.29		30400	4817	190000	1.65							
0.32		27600	4370	190000	1.80							
0.26		34500	5355	150000	0.95							
0.29		30500	4788	150000	1.05	K	167R97	DRS	80M4	1190	523	
0.35		26500	4079	150000	1.20	KH	167R97	DRS	80M4	1150	523	
0.42		22000	3376	150000	1.45							
0.51		17700	2755	150000	1.80							
0.65		14400	2182	150000	2.2							
0.83		11200	1704	150000	2.8	K	167R97	DRS	80M4	1190	523	
1.0		9310	1408	150000	3.4	KH	167R97	DRS	80M4	1150	523	
1.1		8530	1296	150000	3.8							
0.40		22400	3516	109600	0.80	K	157R97	DRS	80M4	800	523	
0.46		19900	3051	111100	0.90	KF	157R97	DRS	80M4	870	523	
0.54		16500	2610	112900	1.10	KA	157R97	DRS	80M4	760	523	
0.61		14600	2322	113700	1.20	KAF	157R97	DRS	80M4	820	523	
0.85		10900	1659	115000	1.65							
1.0		8910	1365	115600	2.0	K	157R97	DRS	80M4	790	523	
1.2		7940	1229	115800	2.3	KF	157R97	DRS	80M4	870	523	
1.3		7070	1093	116000	2.5	KA	157R97	DRS	80M4	760	523	
1.5		6090	942	116100	3.0	KAF	157R97	DRS	80M4	810	523	
1.6		5460	854	116200	3.3							
0.73		13000	1926	79100	1.00							
0.80		11900	1757	79800	1.10							
0.91		10400	1541	80500	1.25							
1.0	9100	1342	81000	1.45								
1.2	7960	1177	81500	1.65	K	127R77	DRS	80M4	480	523		
1.4	6950	1025	81800	1.85	KF	127R77	DRS	80M4	520	523		
1.6	6080	899	82000	2.1	KA	127R77	DRS	80M4	450	523		
1.8	5230	790	82200	2.5	KAF	127R77	DRS	80M4	485	523		
2.0	4740	704	82400	2.7								
2.3	4080	610	82500	3.2								
2.6	3680	549	82500	3.5								
3.0	3160	477	82600	4.1								



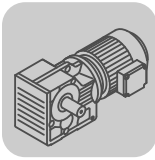
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						K	KF	KA	KAF		
1.1	1.2	7930	1166	65000	1.00						
	1.4	6910	1030	65000	1.15						
	1.6	6030	904	65000	1.30						
	1.8	5380	793	65000	1.50						
	2.0	4700	696	65000	1.70	K	107R77	DRS	80M4	315	523
	2.3	4110	615	65000	1.95	KF	107R77	DRS	80M4	330	523
	2.7	3480	522	65000	2.3	KA	107R77	DRS	80M4	290	523
	3.1	3060	461	65000	2.6	KAF	107R77	DRS	80M4	315	523
	3.4	2700	408	65000	3.0						
	3.9	2440	364	65000	3.3						
4.4	2130	318	65000	3.7							
1.9	5030	743	39900	0.85							
2.2	4420	652	40000	0.95							
2.5	3950	573	40000	1.10	K	97R57	DRS	80M4	185	523	
2.8	3400	504	40000	1.25	KF	97R57	DRS	80M4	205	523	
3.2	2940	437	40000	1.45	KA	97R57	DRS	80M4	170	523	
3.7	2600	382	40000	1.65	KAF	97R57	DRS	80M4	195	523	
4.1	2290	342	40000	1.85							
3.0	3220	474	26600	0.85							
3.3	2890	426	27000	0.95							
3.8	2550	373	27500	1.05	K	87R57	DRS	80M4	125	523	
4.3	2230	330	27800	1.20	KF	87R57	DRS	80M4	135	523	
4.8	1990	294	28100	1.35	KA	87R57	DRS	80M4	115	523	
5.6	1720	250	28300	1.55	KAF	87R57	DRS	80M4	125	523	
6.0	1620	236	28400	1.65							
7.0	1370	201	28600	1.95							
5.3	1980	176.05*	40000	2.2	K	97	DRS	90L6	170	499	
6.1	1730	153.21*	40000	2.5	KF	97	DRS	90L6	190	500	
6.6	1580	140.28	40000	2.7	KA	97	DRS	90L6	150	501	
7.5	1390	123.93*	40000	3.1	KAF	97	DRS	90L6	175	500	
8.0	1310	176.05*	40000	3.3	K	97	DRS	80M4	165	499	
9.2	1140	153.21*	40000	3.8	KF	97	DRS	80M4	185	500	
10	1040	140.28	40000	4.1	KA	97	DRS	80M4	145	501	
					KAF	97	DRS	80M4	170	500	
6.3	1660	147.32*	28300	1.60	K	87	DRS	90L6	110	494	
7.3	1430	126.91*	28500	1.90	KF	87	DRS	90L6	120	495	
					KA	87	DRS	90L6	99	496	
					KAF	87	DRS	90L6	110	495	
8.1	1290	174.19	28600	2.1	K	87	DRS	80M4	105	494	
8.6	1220	164.34*	28700	2.2	KF	87	DRS	80M4	115	495	
9.6	1090	147.32*	28700	2.5	KA	87	DRS	80M4	92	496	
11	940	126.91*	28800	2.9	KAF	87	DRS	80M4	105	495	
12	860	115.82	28900	3.1							
8.2	1280	113.56	17000	1.20	K	77	DRS	90L6	75	489	
9.6	1090	97.05	17900	1.40	KF	77	DRS	90L6	83	490	
					KA	77	DRS	90L6	68	491	
					KAF	77	DRS	90L6	75	490	
10	1000	135.28	18300	1.55	K	77	DRS	80M4	69	489	
11	950	128.52	18500	1.60	KF	77	DRS	80M4	77	490	
12	840	113.56	18800	1.85	KA	77	DRS	80M4	61	491	
					KAF	77	DRS	80M4	69	490	
15	720	97.05	19200	2.1	K	77	DRS	80M4	69	489	
16	660	88.97	19400	2.3	KF	77	DRS	80M4	77	490	
18	580	78.07	19500	2.7	KA	77	DRS	80M4	61	491	
19	550	73.99	19600	2.8	KAF	77	DRS	80M4	69	490	
13	800	108.03	10400	1.00	K	67	DRS	80M4	43	484	
14	760	102.62	10800	1.05	KF	67	DRS	80M4	48	485	
16	670	90.04	11500	1.20	KA	67	DRS	80M4	40	486	
18	565	76.37	12100	1.45	KAF	67	DRS	80M4	46	485	
20	510	68.95	12300	1.60							
23	450	60.66	12600	1.80	K	67	DRS	80M4	43	484	
25	425	57.28	12700	1.90	KF	67	DRS	80M4	48	485	
29	360	48.77	12900	2.3	KA	67	DRS	80M4	40	486	
32	330	44.32	13000	2.5	KAF	67	DRS	80M4	46	485	
37	285	38.39	13000	2.8							



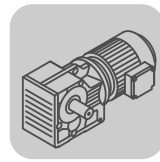
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
1.1	16	670	90.26*	3500	0.90							
	18	570	76.56*	7870	1.05	K	57	DRS	80M4	37	479	
	20	510	69.12	8300	1.15	KF	57	DRS	80M4	42	480	
	23	450	60.81*	8640	1.30	KA	57	DRS	80M4	35	481	
	25	425	57.42*	8760	1.40	KAF	57	DRS	80M4	40	480	
	29	360	48.89	9030	1.65							
	32	330	44.43	9170	1.80							
	37	285	38.49	9340	2.1							
	39	265	35.70	9410	2.3							
	47	225	30.28	9550	2.7							
	52	200	27.34	9500	3.0							
	59	179	24.05	9200	3.4							
	62	169	22.71	9070	3.6							
	73	144	19.34	8710	4.0	K	57	DRS	80M4	37	479	
	80	131	17.57	8490	4.2	KF	57	DRS	80M4	42	480	
	93	113	15.22	8170	4.7	KA	57	DRS	80M4	35	481	
	106	99	13.25	7860	5.2	KAF	57	DRS	80M4	40	480	
	118	89	11.92	7550	4.7							
	125	84	11.26	7440	5.0							
	147	71	9.59	7110	5.7							
	162	65	8.71	6920	6.0							
	187	56	7.55	6630	6.5							
	215	49	6.57	6370	7.1							
	301	35	4.69	5760	8.6							
	25	420	56.83	3810	0.95	K	47	DRS	80M4	31	474	
	29	360	48.95*	6390	1.10	KF	47	DRS	80M4	34	475	
	31	340	46.03*	6640	1.15	KA	47	DRS	80M4	30	476	
						KAF	47	DRS	80M4	33	475	
	36	295	39.61	7100	1.35							
	40	260	35.39	7080	1.50	K	47	DRS	80M4	31	474	
	45	230	31.30	6950	1.70	KF	47	DRS	80M4	34	475	
	48	215	29.32	6880	1.85	KA	47	DRS	80M4	30	476	
54	193	25.91	6720	2.1	KAF	47	DRS	80M4	33	475		
65	162	21.81	6500	2.5								
72	146	19.58	6350	2.7								
47	220	29.96	3420	0.90								
56	186	24.99	3440	1.05								
60	174	23.36	3440	1.10								
70	150	20.19	3410	1.25								
82	128	17.15	3370	1.40								
92	114	15.31	3320	1.55	K	37	DRS	80M4	25	469		
108	98	13.08	3250	1.70	KF	37	DRS	80M4	27	470		
116	90	12.14	3220	1.75	KA	37	DRS	80M4	24	471		
134	78	10.49	3140	2.0	KAF	37	DRS	80M4	26	470		
158	66	8.91	3040	2.4								
177	59	7.96	2970	2.6								
207	51	6.80	2870	3.0								
221	47	6.37	2820	3.1								
263	40	5.36	2710	3.5								
354	30	3.98	2510	4.2								
1.5	0.21	61200	6747	190000	0.80							
	0.23	54000	5991	190000	0.95	K	187R97	DRS	90M4	1770	523	
	0.26	47900	5358	190000	1.05	KH	187R97	DRS	90M4	1710	523	
	0.29	42800	4817	190000	1.15							
	0.32	38800	4370	190000	1.30							
	0.39	33200	3609	190000	1.50							
	0.46	28200	3062	190000	1.75	K	187R97	DRS	90M4	1770	523	
	0.56	22900	2519	190000	2.2	KH	187R97	DRS	90M4	1700	523	
	0.62	20500	2268	190000	2.4							
	0.34	37000	4079	150000	0.85							
	0.41	30700	3376	150000	1.05	K	167R97	DRS	90M4	1190	523	
	0.51	24800	2755	150000	1.30	KH	167R97	DRS	90M4	1150	523	
	0.64	20100	2182	150000	1.60							
	0.82	15600	1704	150000	2.0	K	167R97	DRS	90M4	1190	523	
	0.99	12900	1408	150000	2.5	KH	167R97	DRS	90M4	1150	523	
	1.1	11900	1296	150000	2.7							

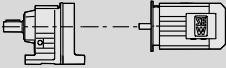



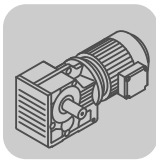
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	0.60	20600	2322	110700	0.85	K	157R97	DRS	90M4	800	523
						KF	157R97	DRS	90M4	880	523
						KA	157R97	DRS	90M4	760	523
						KAF	157R97	DRS	90M4	820	523
	0.84	15200	1659	113400	1.20						
	1.0	12400	1365	114500	1.45						
	1.1	11100	1229	115000	1.60	K	157R97	DRS	90M4	800	523
	1.3	9910	1093	115300	1.80	KF	157R97	DRS	90M4	870	523
	1.5	8540	942	115700	2.1	KA	157R97	DRS	90M4	760	523
	1.6	7680	854	115800	2.3	KAF	157R97	DRS	90M4	820	523
2.5	5050	567	116300	3.6							
2.8	4490	504	116400	4.0							
2.6	4860	536	82300	2.7	K	127R87	DRS	90M4	500	523	
3.4	3830	418	82500	3.4	KF	127R87	DRS	90M4	540	523	
3.8	3370	367	82600	3.8	KA	127R87	DRS	90M4	475	523	
KAF	127R87	DRS	90M4	510	523						
0.80	16400	1757	72900	0.80							
0.91	14400	1541	77100	0.90							
1.0	12500	1342	79400	1.05							
1.2	11000	1177	80200	1.20							
1.4	9610	1025	80800	1.35	K	127R77	DRS	90M4	480	523	
1.6	8410	899	81300	1.55	KF	127R77	DRS	90M4	520	523	
1.8	7290	790	81700	1.80	KA	127R77	DRS	90M4	455	523	
2.0	6570	704	81900	2.00	KAF	127R77	DRS	90M4	490	523	
2.3	5660	610	82100	2.3							
2.6	5110	549	82300	2.5							
2.9	4400	477	82400	3.0							
3.4	3890	418	82500	3.3							
1.4	9580	1030	65000	0.85							
1.6	8380	904	65000	0.95							
1.8	7440	793	65000	1.10							
2.0	6510	696	65000	1.25	K	107R77	DRS	90M4	320	523	
2.3	5700	615	65000	1.40	KF	107R77	DRS	90M4	335	523	
2.7	4840	522	65000	1.65	KA	107R77	DRS	90M4	295	523	
3.0	4260	461	65000	1.90	KAF	107R77	DRS	90M4	320	523	
3.4	3760	408	65000	2.1							
3.8	3390	364	65000	2.4							
4.4	2960	318	65000	2.7							
2.4	5460	573	39400	0.80							
2.8	4710	504	40000	0.90							
3.2	4070	437	40000	1.05	K	97R57	DRS	90M4	190	523	
3.7	3590	382	40000	1.20	KF	97R57	DRS	90M4	210	523	
4.1	3180	342	40000	1.35	KA	97R57	DRS	90M4	175	523	
4.6	2890	305	40000	1.50	KAF	97R57	DRS	90M4	200	523	
5.4	2440	258	40000	1.75							
6.0	2200	232	40000	1.95							
7.0	1880	199	40000	2.3							
4.2	3080	330	26800	0.85	K	87R57	DRS	90M4	130	523	
4.8	2760	294	27200	1.00	KF	87R57	DRS	90M4	140	523	
5.6	2370	250	27700	1.15	KA	87R57	DRS	90M4	120	523	
5.9	2240	236	27800	1.20	KAF	87R57	DRS	90M4	130	523	
7.0	1900	201	28100	1.40							
7.7	1720	183	28300	1.55							
5.2	2720	176.05*	40000	1.60	K	97	DRS	100M6	175	499	
6.0	2370	153.21*	40000	1.80	KF	97	DRS	100M6	195	500	
6.6	2170	140.28	40000	2.00	KA	97	DRS	100M6	155	501	
7.5	1910	123.93*	40000	2.2	KAF	97	DRS	100M6	180	500	
8.0	1800	176.05*	40000	2.4	K	97	DRS	90M4	170	499	
9.1	1560	153.21*	40000	2.7	KF	97	DRS	90M4	190	500	
10.0	1430	140.28	40000	3.0	KA	97	DRS	90M4	150	501	
11	1260	123.93*	40000	3.4	KAF	97	DRS	90M4	175	500	
6.3	2280	147.32*	27800	1.20	K	87	DRS	100M6	115	494	
7.3	1960	126.91*	28100	1.35	KF	87	DRS	100M6	125	495	
8.0	1790	115.82	28200	1.50	KA	87	DRS	100M6	105	496	
9.0	1590	102.71*	28400	1.70	KAF	87	DRS	100M6	115	495	



P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
1.5	8.0	1780	174.19	28300	1.50						
	8.5	1680	164.34*	28300	1.60	K	87	DRS	90M4	110	494
	9.5	1500	147.32*	28500	1.80	KF	87	DRS	90M4	120	495
	11	1290	126.91*	28600	2.1	KA	87	DRS	90M4	96	496
	12	1180	115.82	28700	2.3	KAF	87	DRS	90M4	110	495
	14	1050	102.71*	28800	2.6						
	16	880	86.34	28800	3.1						
	8.2	1750	113.56	13700	0.90	K	77	DRS	100M6	80	489
	9.5	1500	97.05	15700	1.05	KF	77	DRS	100M6	88	490
	10	1370	88.97	16500	1.15	KA	77	DRS	100M6	72	491
12	1200	78.07	17400	1.30	KAF	77	DRS	100M6	80	490	
10	1380	135.28	16500	1.10	K	77	DRS	90M4	72	489	
11	1310	128.52	16800	1.20	KF	77	DRS	90M4	81	490	
12	1160	113.56	17600	1.35	KA	77	DRS	90M4	65	491	
14	990	97.05	18300	1.55	KAF	77	DRS	90M4	73	490	
16	910	88.97	18600	1.70							
18	795	78.07	19000	1.95							
19	755	73.99	19100	2.0	K	77	DRS	90M4	72	489	
22	660	64.75	19400	2.3	KF	77	DRS	90M4	81	490	
24	595	58.34	19500	2.6	KA	77	DRS	90M4	65	491	
27	520	51.18	19700	3.0	KAF	77	DRS	90M4	73	490	
31	460	45.16	19800	3.4							
35	405	40.04	19800	3.8							
16	920	90.04	9290	0.90	K	67	DRS	90M4	48	484	
18	780	76.37	10600	1.05	KF	67	DRS	90M4	53	485	
20	705	68.95	11200	1.15	KA	67	DRS	90M4	45	486	
23	620	60.66	11800	1.30	KAF	67	DRS	90M4	51	485	
24	585	57.28	12000	1.40							
29	495	48.77	12400	1.65							
32	450	44.32	12600	1.80	K	67	DRS	90M4	48	484	
36	390	38.39	12800	2.0	KF	67	DRS	90M4	53	485	
39	360	35.62	12900	2.2	KA	67	DRS	90M4	45	486	
46	305	30.22	13000	2.6	KAF	67	DRS	90M4	51	485	
51	275	27.28	13000	2.9							
58	245	24.00	13000	3.3							
23	620	60.81*	7450	0.95	K	57	DRS	90M4	42	479	
24	585	57.42*	7730	1.00	KF	57	DRS	90M4	47	480	
29	500	48.89	8420	1.20	KA	57	DRS	90M4	40	481	
32	450	44.43	8640	1.30	KAF	57	DRS	90M4	45	480	
36	390	38.49	8910	1.50							
39	365	35.70	9030	1.65	K	57	DRS	90M4	42	479	
46	305	30.28	9200	1.95	KF	57	DRS	90M4	47	480	
51	275	27.34	9020	2.2	KA	57	DRS	90M4	40	481	
58	245	24.05	8790	2.4	KAF	57	DRS	90M4	45	480	
62	230	22.71	8680	2.6							
72	198	19.34	8380	2.9							
35	405	39.61	5850	1.00	K	47	DRS	90M4	36	474	
40	360	35.39	6360	1.10	KF	47	DRS	90M4	39	475	
45	320	31.30	6310	1.25	KA	47	DRS	90M4	35	476	
					KAF	47	DRS	90M4	38	475	
48	300	29.32	6280	1.35							
54	265	25.91	6200	1.50	K	47	DRS	90M4	36	474	
64	220	21.81	6060	1.80	KF	47	DRS	90M4	39	475	
72	200	19.58	5960	2.0	KA	47	DRS	90M4	35	476	
83	172	16.86	5800	2.2	KAF	47	DRS	90M4	38	475	
88	162	15.86	5740	2.3							
103	140	13.65	5570	2.6							
115	125	12.19	5440	2.8							
119	120	11.77	5340	2.3							



P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	60	235	23.36	2860	0.80						
	69	205	20.19	2910	0.90						
	82	176	17.15	2940	1.05						
	91	157	15.31	2950	1.10						
	107	134	13.08	2930	1.25						
	115	124	12.14	2920	1.30	K	37	DRS	90M4	29	469
	133	107	10.49	2880	1.50	KF	37	DRS	90M4	31	470
	157	91	8.91	2820	1.75	KA	37	DRS	90M4	29	471
	176	81	7.96	2780	1.90	KAF	37	DRS	90M4	30	470
	206	70	6.80	2700	2.2						
	220	65	6.37	2670	2.2						
	261	55	5.36	2580	2.6						
	352	41	3.98	2420	3.1						
2.2	0.32	58100	4370	190000	0.85	K	187R97	DRS	90L4	1780	523
	0.50	36600	2818	190000	1.35	KH	187R97	DRS	90L4	1710	523
	0.39	49300	3609	190000	1.00						
	0.46	41800	3062	190000	1.20						
	0.56	34200	2519	190000	1.45	K	187R97	DRS	90L4	1770	523
	0.62	30600	2268	190000	1.65	KH	187R97	DRS	90L4	1710	523
	0.68	27600	2054	190000	1.80						
	0.77	24300	1821	190000	2.0						
	0.87	21600	1605	190000	2.3						
	0.51	36900	2755	150000	0.85	K	167R97	DRS	90L4	1190	523
	0.62	29700	2263	150000	1.10	KH	167R97	DRS	90L4	1160	523
	0.64	29800	2182	150000	1.05						
	0.82	23200	1704	150000	1.40						
	0.99	19200	1408	150000	1.65	K	167R97	DRS	90L4	1190	523
	1.1	17600	1296	150000	1.80	KH	167R97	DRS	90L4	1150	523
	1.3	14700	1101	150000	2.2						
	1.5	12700	944	150000	2.5						
	0.84	22600	1659	109500	0.80						
	1.0	18500	1365	111900	0.95	K	157R97	DRS	90L4	800	523
	1.1	16600	1229	112900	1.10	KF	157R97	DRS	90L4	880	523
	1.3	14700	1093	113700	1.20	KA	157R97	DRS	90L4	760	523
	1.5	12700	942	114400	1.40	KAF	157R97	DRS	90L4	820	523
	1.6	11400	854	114900	1.55						
	1.8	9950	756	115300	1.80						
	2.6	7250	536	81700	1.80	K	127R87	DRS	90L4	500	523
	3.0	6340	473	82000	2.0	KF	127R87	DRS	90L4	550	523
	3.4	5710	418	82100	2.3	KA	127R87	DRS	90L4	475	523
	3.8	5010	367	82300	2.6	KAF	127R87	DRS	90L4	510	523
	4.2	4490	330	82400	2.9						
	1.4	14100	1025	77600	0.90						
	1.6	12400	899	79500	1.05						
	1.8	10800	790	80300	1.20	K	127R77	DRS	90L4	485	523
	2.0	9710	704	80800	1.35	KF	127R77	DRS	90L4	530	523
	2.3	8380	610	81300	1.55	KA	127R77	DRS	90L4	455	523
	2.6	7560	549	81600	1.70	KAF	127R77	DRS	90L4	495	523
	2.9	6530	477	81900	2.00						
	3.4	5760	418	82100	2.3						
	2.3	8450	615	65000	0.95						
	2.7	7160	522	65000	1.10						
	3.0	6310	461	65000	1.25	K	107R77	DRS	90L4	325	523
	3.4	5580	408	65000	1.45	KF	107R77	DRS	90L4	335	523
	3.8	5010	364	65000	1.60	KA	107R77	DRS	90L4	295	523
	4.4	4380	318	65000	1.85	KAF	107R77	DRS	90L4	320	523
	4.9	3940	286	65000	2.0						
	5.6	3450	251	65000	2.3						
	3.7	5290	382	39600	0.80						
	4.1	4710	342	40000	0.90	K	97R57	DRS	90L4	195	523
4.6	4270	305	40000	1.00	KF	97R57	DRS	90L4	215	523	
5.4	3600	258	40000	1.20	KA	97R57	DRS	90L4	175	523	
6.0	3240	232	40000	1.30	KAF	97R57	DRS	90L4	200	523	
7.0	2780	199	40000	1.55							
6.2	3370	153.21*	40000	1.30	K	97	DRS	112M6	190	499	
6.8	3080	140.28	40000	1.40	KF	97	DRS	112M6	210	500	
7.7	2720	123.93*	40000	1.60	KA	97	DRS	112M6	170	501	
					KAF	97	DRS	112M6	195	500	

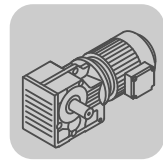


K..DRS
K..DRS [kW]

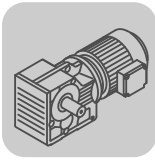


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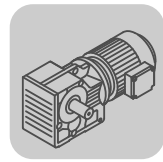
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
2.2	9.1	2310	105.13	40000	1.85	K 97	DRS	112M6	190	499	
						KF 97	DRS	112M6	210	500	
						KA 97	DRS	112M6	170	501	
						KAF 97	DRS	112M6	195	500	
	8.0	2640	176.05*	40000	1.65	K 97	DRS	90L4	170	499	
	9.1	2290	153.21*	40000	1.85	KF 97	DRS	90L4	190	500	
	10.0	2100	140.28	40000	2.0	KA 97	DRS	90L4	150	501	
	11	1850	123.93*	40000	2.3	KAF 97	DRS	90L4	175	500	
	13	1570	105.13	40000	2.7	K 97	DRS	90L4	170	499	
						KF 97	DRS	90L4	190	500	
KA 97						DRS	90L4	150	501		
14	1450	96.80	40000	3.0	KAF 97	DRS	90L4	175	500		
9.5	2210	147.32*	27800	1.20	K 87	DRS	90L4	110	494		
					KF 87	DRS	90L4	120	495		
					KA 87	DRS	90L4	99	496		
12	1730	115.82	28300	1.55	KAF 87	DRS	90L4	110	495		
14	1540	102.71*	28400	1.75	K 87	DRS	90L4	110	494		
					KF 87	DRS	90L4	120	495		
					KA 87	DRS	90L4	99	496		
					KAF 87	DRS	90L4	110	495		
					16	1290	86.34	28600	2.1		
18	1190	79.34	28700	2.3	K 87	DRS	90L4	110	494		
					KF 87	DRS	90L4	120	495		
					KA 87	DRS	90L4	99	496		
					KAF 87	DRS	90L4	110	495		
					20	1050	70.46	28800	2.6		
22	940	63.00*	28800	2.9	K 87	DRS	90L4	110	494		
					KF 87	DRS	90L4	120	495		
					KA 87	DRS	90L4	99	496		
					KAF 87	DRS	90L4	110	495		
					24	1700	113.56	14200	0.90		
14	1450	97.05	16000	1.05	K 77	DRS	90L4	75	489		
					KF 77	DRS	90L4	83	490		
					KA 77	DRS	90L4	68	491		
					KAF 77	DRS	90L4	75	490		
					16	1330	88.97	16700	1.15		
24	870	58.34	18800	1.75	K 77	DRS	90L4	75	489		
					KF 77	DRS	90L4	83	490		
					KA 77	DRS	90L4	68	491		
					KAF 77	DRS	90L4	75	490		
					27	765	51.18	19100	2.0		
31	675	45.16	19300	2.3	K 77	DRS	90L4	75	489		
					KF 77	DRS	90L4	83	490		
					KA 77	DRS	90L4	68	491		
					KAF 77	DRS	90L4	75	490		
					35	600	40.04	19500	2.6		
40	525	35.20	19600	2.9	K 77	DRS	90L4	68	491		
					KF 77	DRS	90L4	75	490		
					KA 77	DRS	90L4	68	491		
					KAF 77	DRS	90L4	75	490		
					45	460	30.89	19800	3.3		
48	435	29.27	19800	3.5	K 77	DRS	90L4	75	489		
					KF 77	DRS	90L4	83	490		
					KA 77	DRS	90L4	68	491		
					KAF 77	DRS	90L4	75	490		
					55	380	25.62	19900	4.0		
23	910	60.66	9420	0.90	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					24	850	57.28	9940	0.95		
29	730	48.77	11000	1.10	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					32	665	44.32	11500	1.25		
36	575	38.39	12000	1.40	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					39	530	35.62	12200	1.55		
46	450	30.22	12600	1.80	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					51	405	27.28	12800	2.0		
58	360	24.00	12900	2.2	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					62	340	22.66	13000	2.3		
73	285	19.30	13000	2.6	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					80	260	17.54	13000	2.8		
92	225	15.19	13000	3.1	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					106	198	13.22	13000	3.4		
112	187	12.48	13000	2.8	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					132	160	10.63	13000	3.1		
145	145	9.66	13000	3.3	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					167	126	8.37	13000	3.5		
192	109	7.28	12800	3.8	K 67	DRS	90L4	50	484		
					KF 67	DRS	90L4	56	485		
					KA 67	DRS	90L4	47	486		
					KAF 67	DRS	90L4	53	485		
					269	78	5.20	11700	4.5		
32	665	44.43	4450	0.90	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					36	575	38.49	7820	1.05		
39	535	35.70	8140	1.10	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					46	450	30.28	8260	1.30		
51	410	27.34	8170	1.45	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					58	360	24.05	8040	1.65		
62	340	22.71	7980	1.75	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					72	290	19.34	7770	2.00		
80	260	17.57	7640	2.1	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					92	225	15.22	7440	2.3		
106	199	13.25	7230	2.6	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		
					KA 57	DRS	90L4	42	481		
					KAF 57	DRS	90L4	48	480		
					117	179	11.92	6900	2.3		
124	169	11.26	6820	2.5	K 57	DRS	90L4	44	479		
					KF 57	DRS	90L4	49	480		



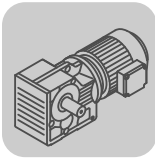
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						K	KF	KA	KAF		
2.2	54	385	25.91	5250	1.05	K	47	DRS	90L4	38	474
	64	325	21.81	5260	1.20	KF	47	DRS	90L4	42	475
	72	290	19.58	5240	1.35	KA	47	DRS	90L4	38	476
						KAF	47	DRS	90L4	40	475
	83	250	16.86	5190	1.50						
	88	235	15.86	5160	1.60						
	103	200	13.65	5080	1.75	K	47	DRS	90L4	38	474
	115	183	12.19	5000	1.90	KF	47	DRS	90L4	42	475
	119	177	11.77	4890	1.60	KA	47	DRS	90L4	38	476
	133	158	10.56	4810	1.75	KAF	47	DRS	90L4	40	475
	154	136	9.10	4700	2.0						
	107	196	13.08	2360	0.85						
	133	157	10.49	2430	1.00						
	157	134	8.91	2440	1.20	K	37	DRS	90L4	31	469
	176	119	7.96	2430	1.30	KF	37	DRS	90L4	34	470
	206	102	6.80	2410	1.45	KA	37	DRS	90L4	31	471
	220	96	6.37	2400	1.50	KAF	37	DRS	90L4	33	470
	261	80	5.36	2350	1.75						
352	60	3.98	2250	2.1							
3.0	0.50	50800	2818	190000	1.00	K	187R97	DRS	100M4	1780	523
						KH	187R97	DRS	100M4	1710	523
	0.46	57400	3062	190000	0.85						
	0.56	47000	2519	190000	1.05						
	0.62	42200	2268	190000	1.20						
	0.68	38100	2054	190000	1.30	K	187R97	DRS	100M4	1780	523
	0.77	33600	1821	190000	1.50	KH	187R97	DRS	100M4	1710	523
	0.87	29700	1605	190000	1.70						
	1.0	25400	1395	190000	1.95						
	1.2	22000	1196	190000	2.3						
	0.82	31900	1704	150000	1.00						
	0.99	26400	1408	150000	1.20						
	1.1	24200	1296	150000	1.30	K	167R97	DRS	100M4	1200	523
	1.3	20300	1101	150000	1.55	KH	167R97	DRS	100M4	1160	523
	1.5	17500	944	150000	1.85						
	1.7	15400	843	150000	2.1						
	1.8	13900	757	150000	2.3						
	1.1	22800	1229	109300	0.80						
	1.3	20300	1093	110900	0.90	K	157R97	DRS	100M4	800	523
	1.5	17500	942	112400	1.05	KF	157R97	DRS	100M4	880	523
	1.6	15800	854	113200	1.15	KA	157R97	DRS	100M4	770	523
	1.8	13800	756	114000	1.30	KAF	157R97	DRS	100M4	830	523
	2.5	10400	567	115200	1.70						
	2.8	9310	504	115500	1.95						
	2.6	9970	536	80700	1.30						
	3.0	8750	473	81200	1.50	K	127R87	DRS	100M4	510	523
	3.4	7860	418	81500	1.65	KF	127R87	DRS	100M4	550	523
	3.8	6880	367	81800	1.90	KA	127R87	DRS	100M4	480	523
	4.2	6170	330	82000	2.1	KAF	127R87	DRS	100M4	520	523
	4.9	5300	287	82200	2.4						
	1.8	14800	790	76300	0.90						
	2.0	13300	704	79000	1.00	K	127R77	DRS	100M4	490	523
	2.3	11400	610	80000	1.15	KF	127R77	DRS	100M4	530	523
	2.6	10300	549	80500	1.25	KA	127R77	DRS	100M4	460	523
	2.9	8960	477	81100	1.45	KAF	127R77	DRS	100M4	500	523
	3.4	7890	418	81500	1.65						
3.0	8650	461	65000	0.90							
3.4	7660	408	65000	1.05							
3.8	6860	364	65000	1.15							
4.4	6000	318	65000	1.35	K	107R77	DRS	100M4	330	523	
4.9	5400	286	65000	1.50	KF	107R77	DRS	100M4	340	523	
5.6	4730	251	65000	1.70	KA	107R77	DRS	100M4	300	523	
6.3	4160	222	65000	1.90	KAF	107R77	DRS	100M4	325	523	
7.1	3690	196	65000	2.2							
8.1	3300	174	65000	2.2							
9.1	2920	154	65000	2.5							
10	2650	140	65000	2.7							



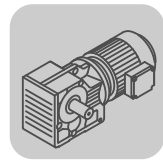
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]		
						K	KF	KA	KAF			DRS
3.0	5.4	4930	258	40000	0.85	K	97R57	DRS	100M4	200	523	
	6.0	4430	232	40000	0.95	KF	97R57	DRS	100M4	220	523	
	7.0	3800	199	40000	1.15	KA	97R57	DRS	100M4	180	523	
						KAF	97R57	DRS	100M4	205	523	
	6.6	4340	143.47*	65000	1.85	K	107	DRS	112M6	305	504	
	7.8	3680	121.46	65000	2.2	KF	107	DRS	112M6	315	505	
	8.4	3400	112.41*	65000	2.4	KA	107	DRS	112M6	275	506	
	9.4	3050	100.75	65000	2.6	KAF	107	DRS	112M6	300	505	
		9.8	2930	143.47*	65000	2.7	K	107	DRS	100M4	290	504
		12	2480	121.46	65000	3.2	KF	107	DRS	100M4	300	505
						KA	107	DRS	100M4	265	506	
						KAF	107	DRS	100M4	285	505	
	7.6	3750	123.93*	40000	1.15	K	97	DRS	112M6	190	499	
						KF	97	DRS	112M6	210	500	
						KA	97	DRS	112M6	170	501	
						KAF	97	DRS	112M6	195	500	
	9.0	3180	105.13	40000	1.35	K	97	DRS	112M6	190	499	
	9.8	2930	96.80	40000	1.45	KF	97	DRS	112M6	210	500	
	11	2620	86.52	40000	1.65	KA	97	DRS	112M6	170	501	
						KAF	97	DRS	112M6	195	500	
	8.0	3600	176.05*	40000	1.20	K	97	DRS	100M4	175	499	
	9.1	3130	153.21*	40000	1.35	KF	97	DRS	100M4	195	500	
	10.0	2870	140.28	40000	1.50	KA	97	DRS	100M4	155	501	
	11	2530	123.93*	40000	1.70	KAF	97	DRS	100M4	180	500	
	13	2150	105.13	40000	2.0							
	14	1980	96.80	40000	2.2	K	97	DRS	100M4	175	499	
	16	1770	86.52	40000	2.4	KF	97	DRS	100M4	195	500	
	18	1590	77.89*	40000	2.7	KA	97	DRS	100M4	155	501	
	20	1440	70.54	40000	3.0	KAF	97	DRS	100M4	180	500	
	22	1270	62.55	40000	3.4							
	25	1150	56.55	40000	3.7							
	9.5	3010	147.32*	26900	0.90	K	87	DRS	100M4	115	494	
	11	2590	126.91*	27400	1.05	KF	87	DRS	100M4	125	495	
	12	2360	115.82	27700	1.15	KA	87	DRS	100M4	105	496	
	14	2100	102.71*	28000	1.30	KAF	87	DRS	100M4	115	495	
	16	1760	86.34	28300	1.55							
	18	1620	79.34	28400	1.65							
	20	1440	70.46	28500	1.85	K	87	DRS	100M4	115	494	
	22	1280	63.00*	28600	2.1	KF	87	DRS	100M4	125	495	
	25	1150	56.64	28700	2.3	KA	87	DRS	100M4	105	496	
	28	1000	49.16	28800	2.7	KAF	87	DRS	100M4	115	495	
	32	900	44.02	28800	2.9							
	38	745	36.52*	28400	3.4							
	16	1820	88.97	13100	0.85							
	18	1590	78.07	15000	0.95	K	77	DRS	100M4	80	489	
	19	1510	73.99	15600	1.00	KF	77	DRS	100M4	88	490	
	22	1320	64.75	16800	1.15	KA	77	DRS	100M4	72	491	
	24	1190	58.34	17500	1.30	KAF	77	DRS	100M4	80	490	
	27	1040	51.18	18100	1.50							
	31	920	45.16	18600	1.70	K	77	DRS	100M4	80	489	
	35	810	40.04	18900	1.90	KF	77	DRS	100M4	88	490	
	40	720	35.20	19200	2.2	KA	77	DRS	100M4	72	491	
	45	630	30.89	19400	2.4	KAF	77	DRS	100M4	80	490	
	32	900	44.32	9450	0.90							
	36	785	38.39	10600	1.00	K	67	DRS	100M4	55	484	
	39	725	35.62	11100	1.15	KF	67	DRS	100M4	61	485	
	46	615	30.22	11800	1.35	KA	67	DRS	100M4	52	486	
	51	555	27.28	12100	1.45	KAF	67	DRS	100M4	58	485	
	58	490	24.00	12400	1.65							
	62	460	22.66	12600	1.70							
	73	390	19.30	12800	1.95							
	80	355	17.54	13000	2.1	K	67	DRS	100M4	55	484	
	92	310	15.19	13000	2.2	KF	67	DRS	100M4	61	485	
	106	270	13.22	13000	2.5	KA	67	DRS	100M4	52	486	
	112	255	12.48	13000	2.1	KAF	67	DRS	100M4	58	485	
	132	215	10.63	13000	2.3							
	145	198	9.66	13000	2.4							



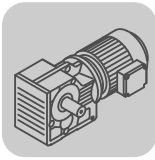
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
3.0	46	615	30.28	7180	0.95	K	57	DRS	100M4	49	479	
	51	555	27.34	7190	1.05	KF	57	DRS	100M4	54	480	
	58	490	24.05	7180	1.20	KA	57	DRS	100M4	47	481	
							KAF	57	DRS	100M4	53	480
		62	460	22.71	7160	1.30						
		72	395	19.34	7080	1.45						
		80	355	17.57	7020	1.55						
		92	310	15.22	6890	1.70						
		106	270	13.25	6750	1.90	K	57	DRS	100M4	49	479
		117	240	11.92	6420	1.70	KF	57	DRS	100M4	54	480
		124	230	11.26	6360	1.80	KA	57	DRS	100M4	47	481
		146	196	9.59	6200	2.1	KAF	57	DRS	100M4	53	480
		161	178	8.71	6090	2.2						
		186	154	7.55	5920	2.4						
		213	134	6.57	5750	2.6						
		298	96	4.69	5320	3.1						
		72	400	19.58	4430	1.00	K	47	DRS	100M4	43	474
		83	345	16.86	4490	1.10	KF	47	DRS	100M4	47	475
		88	320	15.86	4500	1.15	KA	47	DRS	100M4	42	476
							KAF	47	DRS	100M4	45	475
		103	275	13.65	4510	1.30						
		115	245	12.19	4490	1.40						
		119	240	11.77	4370	1.15						
		133	215	10.56	4350	1.30	K	47	DRS	100M4	43	474
		154	186	9.10	4290	1.50	KF	47	DRS	100M4	47	475
		164	175	8.56	4270	1.55	KA	47	DRS	100M4	42	476
		190	151	7.36	4190	1.65	KAF	47	DRS	100M4	45	475
		213	135	6.58	4120	1.80						
		241	119	5.81	4030	1.95						
		302	95	4.64	3860	2.2						
	157	182	8.91	2000	0.90							
	176	163	7.96	2040	0.95	K	37	DRS	100M4	37	469	
	206	139	6.80	2080	1.10	KF	37	DRS	100M4	39	470	
	220	130	6.37	2080	1.10	KA	37	DRS	100M4	36	471	
	261	110	5.36	2090	1.30	KAF	37	DRS	100M4	38	470	
	352	81	3.98	2050	1.55							
4.0	1.7	19700	835	190000	2.5	K	187R107	DRS	100LC4	1830	523	
	2.8	12400	520	190000	4.0	KH	187R107	DRS	100LC4	1760	523	
	0.57	61000	2519	190000	0.80							
	0.64	54800	2268	190000	0.90							
	0.70	49500	2054	190000	1.00							
	0.79	43700	1821	190000	1.15	K	187R97	DRS	100LC4	1780	523	
	0.90	38700	1605	190000	1.30	KH	187R97	DRS	100LC4	1720	523	
	1.0	33200	1395	190000	1.50							
	1.2	28700	1196	190000	1.75							
	1.4	25100	1046	190000	2.00							
	1.5	22600	945	190000	2.2							
	1.0	34200	1408	150000	0.95							
	1.1	31400	1296	150000	1.00							
	1.3	26400	1101	150000	1.20	K	167R97	DRS	100LC4	1200	523	
	1.5	22700	944	150000	1.40	KH	167R97	DRS	100LC4	1160	523	
	1.7	20000	843	150000	1.60							
	1.9	18100	757	150000	1.75							
	2.3	15100	632	150000	2.1							
	1.7	20500	854	110800	0.85	K	157R97	DRS	100LC4	810	523	
	1.9	18000	756	112200	1.00	KF	157R97	DRS	100LC4	890	523	
	2.6	13600	567	114100	1.30	KA	157R97	DRS	100LC4	770	523	
	2.9	12100	504	114600	1.50	KAF	157R97	DRS	100LC4	830	523	
	3.3	10300	434	115200	1.75							
	2.7	12900	536	79200	1.00							
	3.0	11300	473	80000	1.15	K	127R87	DRS	100LC4	510	523	
	3.5	10200	418	80600	1.25	KF	127R87	DRS	100LC4	560	523	
	3.9	8930	367	81100	1.45	KA	127R87	DRS	100LC4	485	523	
	4.4	8010	330	81500	1.60	KAF	127R87	DRS	100LC4	520	523	
	5.0	6890	287	81800	1.90							
	5.7	6090	253	82000	2.1							



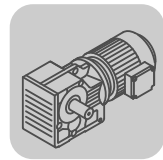
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
4.0	2.4	14900	610	76200	0.85	K	127R77	DRS	100LC4	495	523
	2.6	13400	549	78900	0.95	KF	127R77	DRS	100LC4	540	523
	3.0	11600	477	79900	1.10	KA	127R77	DRS	100LC4	465	523
	3.4	10200	418	80600	1.25	KAF	127R77	DRS	100LC4	500	523
	4.0	8890	364	65000	0.90						
	4.6	7770	318	65000	1.05						
	5.0	6990	286	65000	1.15	K	107R77	DRS	100LC4	335	523
	5.8	6130	251	65000	1.30	KF	107R77	DRS	100LC4	345	523
	6.5	5400	222	65000	1.50	KA	107R77	DRS	100LC4	305	523
	7.4	4780	196	65000	1.65	KAF	107R77	DRS	100LC4	330	523
8.3	4270	174	65000	1.70							
9.4	3780	154	65000	1.90							
10	3430	140	65000	2.1							
7.2	4930	199	40000	0.85	K	97R57	DRS	100LC4	205	523	
					KF	97R57	DRS	100LC4	225	523	
					KA	97R57	DRS	100LC4	185	523	
					KAF	97R57	DRS	100LC4	210	523	
6.4	5930	146.07	82100	2.2	K	127	DRS	132S6	470	509	
					KF	127	DRS	132S6	510	510	
					KA	127	DRS	132S6	440	511	
					KAF	127	DRS	132S6	475	510	
6.6	5830	143.47*	65000	1.35	K	107	DRS	132S6	305	504	
					KF	107	DRS	132S6	320	505	
					KA	107	DRS	132S6	280	506	
					KAF	107	DRS	132S6	305	505	
7.7	4930	121.46	65000	1.60	K	107	DRS	132S6	305	504	
					KF	107	DRS	132S6	320	505	
					KA	107	DRS	132S6	280	506	
					KAF	107	DRS	132S6	305	505	
8.4	4560	112.41*	65000	1.75	K	107	DRS	132S6	305	504	
					KF	107	DRS	132S6	320	505	
					KA	107	DRS	132S6	280	506	
					KAF	107	DRS	132S6	305	505	
9.3	4090	100.75	65000	1.95	K	107	DRS	132S6	305	504	
					KF	107	DRS	132S6	320	505	
					KA	107	DRS	132S6	280	506	
					KAF	107	DRS	132S6	305	505	
10	3690	90.96*	65000	2.2	K	107	DRS	132S6	305	504	
					KF	107	DRS	132S6	320	505	
					KA	107	DRS	132S6	280	506	
					KAF	107	DRS	132S6	305	505	
10	3790	143.47*	65000	2.1	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
12	3210	121.46	65000	2.5	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
13	2970	112.41*	65000	2.7	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
14	2660	100.75	65000	3.0	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
16	2400	90.96*	65000	3.3	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
17	2180	82.61	65000	3.7	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
20	1930	73.30	65000	4.1	K	107	DRS	100LC4	295	504	
					KF	107	DRS	100LC4	310	505	
					KA	107	DRS	100LC4	270	506	
					KAF	107	DRS	100LC4	290	505	
9.4	4050	153.21*	40000	1.05	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
10	3700	140.28	40000	1.15	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
12	3270	123.93*	40000	1.30	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
14	2770	105.13	40000	1.55	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
15	2550	96.80	40000	1.70	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
17	2280	86.52	40000	1.90	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
19	2050	77.89*	40000	2.1	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
20	1860	70.54	40000	2.3	K	97	DRS	100LC4	180	499	
					KF	97	DRS	100LC4	200	500	
					KA	97	DRS	100LC4	160	501	
					KAF	97	DRS	100LC4	185	500	
12	3060	115.82	26800	0.90	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
14	2710	102.71*	27300	1.00	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
17	2280	86.34	27800	1.20	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
18	2090	79.34	28000	1.30	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
21	1860	70.46	28200	1.45	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
23	1660	63.00*	28300	1.60	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87	DRS	100LC4	110	496	
					KAF	87	DRS	100LC4	120	495	
26	1490	56.64	28500	1.80	K	87	DRS	100LC4	120	494	
					KF	87	DRS	100LC4	130	495	
					KA	87</					



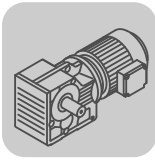
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
4.0	75	505	19.30	12400	1.50						
	82	460	17.54	12600	1.60						
	95	400	15.19	12800	1.75						
	109	345	13.22	13000	1.90	K	67	DRS	100LC4	60	484
	116	325	12.48	13000	1.60	KF	67	DRS	100LC4	66	485
	136	280	10.63	13000	1.80	KA	67	DRS	100LC4	57	486
	150	255	9.66	12800	1.90	KAF	67	DRS	100LC4	63	485
	173	220	8.37	12500	2.00						
	198	192	7.28	12100	2.2						
	278	138	5.20	11200	2.6						
	60	635	24.05	6130	0.95						
	64	600	22.71	6170	1.00						
	75	510	19.34	6220	1.10						
	82	460	17.57	6230	1.20						
	95	400	15.22	6200	1.35	K	57	DRS	100LC4	54	479
	109	350	13.25	6140	1.45	KF	57	DRS	100LC4	59	480
	121	315	11.92	5800	1.30	KA	57	DRS	100LC4	52	481
128	295	11.26	5780	1.40	KAF	57	DRS	100LC4	58	480	
151	250	9.59	5690	1.60							
166	230	8.71	5630	1.70							
191	200	7.55	5510	1.85							
220	174	6.57	5390	2.00							
308	124	4.69	5050	2.4							
5.5	0.79	60600	1821	190000	0.80						
	0.90	53500	1605	190000	0.95						
	1.0	46100	1395	190000	1.10						
	1.2	39800	1196	190000	1.25	K	187R97	DRS	132S4	1800	523
	1.4	34800	1046	190000	1.45	KH	187R97	DRS	132S4	1730	523
	1.5	31300	945	190000	1.60						
	2.0	24500	738	190000	2.0						
	2.3	20600	621	190000	2.4						
	1.3	36600	1101	150000	0.85						
	1.5	31500	944	150000	1.00						
	1.7	27900	843	150000	1.15						
	1.9	25100	757	150000	1.25	K	167R97	DRS	132S4	1220	523
	2.3	21000	632	150000	1.50	KH	167R97	DRS	132S4	1180	523
	2.6	18400	561	150000	1.75						
	3.0	16000	481	150000	2.0						
	3.4	13900	423	150000	2.3						
	2.2	21700	661	110100	0.85						
	2.6	18800	567	111700	0.95	K	157R97	DRS	132S4	820	523
	2.9	16700	504	112800	1.05	KF	157R97	DRS	132S4	900	523
	3.3	14300	434	113800	1.25	KA	157R97	DRS	132S4	790	523
	3.8	12400	379	114500	1.45	KAF	157R97	DRS	132S4	850	523
	4.3	11000	333	115000	1.65						
	3.5	14100	418	77700	0.90						
	3.9	12300	367	79600	1.05						
	4.4	11000	330	80200	1.15	K	127R87	DRS	132S4	530	523
	5.0	9540	287	80900	1.35	KF	127R87	DRS	132S4	570	523
	5.7	8440	253	81300	1.55	KA	127R87	DRS	132S4	500	523
	6.8	7090	213	81800	1.85	KAF	127R87	DRS	132S4	540	523
	7.2	6760	200	81800	1.75						
	8.7	5590	166	82200	2.1						
	9.8	4930	147	82300	2.4						
	6.5	7450	222	65000	1.05	K	107R77	DRS	132S4	350	523
	7.4	6600	196	65000	1.20	KF	107R77	DRS	132S4	360	523
	8.3	5900	174	65000	1.20	KA	107R77	DRS	132S4	320	523
	9.4	5220	154	65000	1.40	KAF	107R77	DRS	132S4	345	523
	10	4740	140	65000	1.50						
	7.0	7440	136.14	81600	1.75	K	127	DRS	160S6	490	509
7.8	6700	122.48	81900	1.95	KF	127	DRS	160S6	530	510	
8.7	6020	110.18	82100	2.2	KA	127	DRS	160S6	460	511	
11	4910	89.89	82300	2.6	KAF	127	DRS	160S6	500	510	
8.5	6140	112.41*	65000	1.30	K	107	DRS	160S6	335	504	
9.5	5510	100.75	65000	1.45	KF	107	DRS	160S6	350	505	
11	4970	90.96*	65000	1.60	KA	107	DRS	160S6	310	506	
					KAF	107	DRS	160S6	330	505	



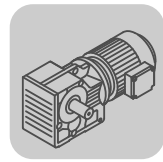
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B		m [kg]		
5.5	12	4510	82.61	65000	1.75	K 107 DRS 160S6	335	504	
						KF 107 DRS 160S6	350	505	
						KA 107 DRS 160S6	310	506	
						KAF 107 DRS 160S6	330	505	
	10	5210	143.47*	65000	1.55	K 107 DRS 132S4	310	504	
	12	4410	121.46	65000	1.80		320	505	
	13	4080	112.41*	65000	1.95		KA 107 DRS 132S4	280	506
	14	3660	100.75	65000	2.2		KAF 107 DRS 132S4	305	505
	16	3300	90.96*	65000	2.4	K 97 DRS 132S4	195	499	
	17	3000	82.61	65000	2.7		215	500	
	15	3510	96.80	40000	1.20		175	501	
	17	3140	86.52	40000	1.35		200	500	
	19	2830	77.89*	40000	1.50	K 97 DRS 132S4	195	499	
	20	2560	70.54	40000	1.70		215	500	
	23	2270	62.55	40000	1.90		175	501	
	26	2050	56.55	39700	2.1		200	500	
	30	1740	47.93*	38500	2.5	K 87 DRS 132S4	135	494	
	17	3130	86.34	26700	0.85		145	495	
	18	2880	79.34	27000	0.95		125	496	
	21	2560	70.46	27500	1.05		135	495	
	23	2280	63.00*	27400	1.20	K 87 DRS 132S4	135	494	
	26	2050	56.64	27200	1.30		145	495	
	29	1780	49.16	26800	1.50		125	496	
	33	1600	44.02	26500	1.60		135	495	
	40	1320	36.52*	25800	1.90	K 77 DRS 132S4	110	490	
	46	1140	31.39	25200	2.4		93	491	
	52	1010	27.88	24600	2.6		100	489	
	32	1640	45.16	14700	0.95		110	490	
	36	1450	40.04	16000	1.05	K 77 DRS 132S4	93	491	
	47	1120	30.89	17800	1.40		100	490	
	49	1060	29.27	18100	1.45		110	490	
	56	930	25.62	18600	1.65		93	491	
	63	830	23.08	18900	1.85	K 77 DRS 132S4	100	489	
	71	735	20.25	19200	2.0		110	490	
	81	645	17.87	19400	2.2		93	491	
	91	575	15.84	19200	2.4		100	490	
	107	490	13.52	18600	2.7	K 67 DRS 132S4	75	484	
	117	445	12.36	17900	2.2		81	485	
	133	390	10.84	17400	2.5		73	486	
	60	870	24.00	9820	0.90		78	485	
	64	820	22.66	10300	0.95	K 67 DRS 132S4	75	484	
	75	700	19.30	11300	1.10		81	485	
	82	635	17.54	11700	1.15		73	486	
	95	550	15.19	12200	1.25		78	485	
	109	480	13.22	12500	1.40	K 67 DRS 132S4	75	484	
	116	450	12.48	12600	1.15		81	485	
	136	385	10.63	12400	1.30		73	486	
	150	350	9.66	12200	1.35		78	485	
	173	300	8.37	11900	1.45	K 67 DRS 132S4	75	484	
	198	260	7.28	11600	1.60		81	485	
278	189	5.20	10800	1.85	73		486		
7.5	1.7	37700	835	190000	1.30		K 187R107 DRS 132M4	1860	523
2.0	32800	729	190000	1.50	1790	523			
2.3	27900	622	190000	1.80	K 187R97 DRS 132M4	1810		523	
1.2	54500	1196	190000	0.90		1740	523		
1.4	47700	1046	190000	1.05		K 167R97 DRS 132M4	1230	523	
1.5	43000	945	190000	1.15			1190	523	
2.0	33600	738	190000	1.50			K 167R97 DRS 132M4	1230	523
2.3	28200	621	190000	1.75				1190	523
2.8	23900	527	190000	2.1	K 167R97 DRS 132M4	1230		523	
1.7	38300	843	150000	0.85		1190		523	
1.9	34400	757	150000	0.95		K 167R97 DRS 132M4		1230	523
2.3	28800	632	150000	1.10			1190	523	
2.6	25300	561	150000	1.25			K 167R97 DRS 132M4	1230	523
3.0	21900	481	150000	1.45	1190			523	
3.4	19100	423	150000	1.65	K 167R97 DRS 132M4	1230		523	
3.9	16700	369	150000	1.90		1190	523		

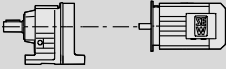



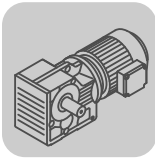
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
7.5	3.3	19700	434	111300	0.90	K	157R97	DRS	132M4	830	523
	3.8	17100	379	112600	1.05	KF	157R97	DRS	132M4	910	523
	4.3	15100	333	113500	1.20	KA	157R97	DRS	132M4	800	523
	5.0	13100	291	114300	1.35	KAF	157R97	DRS	132M4	860	523
	4.4	15100	330	75700	0.85						
	5.0	13000	287	79100	1.00	K	127R87	DRS	132M4	540	523
	5.7	11500	253	79900	1.10	KF	127R87	DRS	132M4	580	523
	6.8	9720	213	80800	1.35	KA	127R87	DRS	132M4	510	523
	7.2	9260	200	81000	1.30	KAF	127R87	DRS	132M4	550	523
	8.7	7660	166	81600	1.55						
9.8	6760	147	81800	1.75							
5.8	12300	164.50	150000	2.6	K	167	DRS	160M6	1130	519	
7.1	10100	134.99	150000	3.2	KH	167	DRS	160M6	1090	520	
6.4	11200	150.41	114900	1.60	K	157	DRS	160M6	730	514	
7.8	9170	122.39	115500	1.95	KF	157	DRS	160M6	810	515	
9.5	7510	100.22	115900	2.4	KA	157	DRS	160M6	700	516	
10	6870	91.65	116000	2.6	KAF	157	DRS	160M6	750	515	
12	5980	79.75	116200	3.0							
7.0	10200	136.14	80600	1.25	K	127	DRS	160M6	500	509	
7.8	9180	122.48	81000	1.40	KF	127	DRS	160M6	540	510	
8.7	8260	110.18	81400	1.55	KA	127	DRS	160M6	470	511	
11	6740	89.89	81900	1.95	KAF	127	DRS	160M6	510	510	
9.9	7240	146.07	81700	1.80							
11	6740	136.14	81900	1.95	K	127	DRS	132M4	480	509	
12	6070	122.48	82000	2.1	KF	127	DRS	132M4	520	510	
13	5460	110.18	82200	2.4	KA	127	DRS	132M4	455	511	
16	4450	89.89	82400	2.9	KAF	127	DRS	132M4	490	510	
18	4060	81.98	82500	3.2							
20	3510	70.95*	82600	3.7							
10	7110	143.47*	65000	1.15	K	107	DRS	132M4	320	504	
12	6020	121.46	65000	1.35	KF	107	DRS	132M4	330	505	
13	5570	112.41*	65000	1.45	KA	107	DRS	132M4	295	506	
					KAF	107	DRS	132M4	315	505	
14	4990	100.75	65000	1.60							
16	4500	90.96*	64100	1.75							
17	4090	82.61	63100	1.95	K	107	DRS	132M4	320	504	
20	3630	73.30	61800	2.2	KF	107	DRS	132M4	330	505	
22	3290	66.52*	60700	2.4	KA	107	DRS	132M4	295	506	
25	2830	57.17*	59000	2.8	KAF	107	DRS	132M4	315	505	
29	2470	49.90	57300	3.2							
34	2090	42.33*	55300	3.5							
39	1830	37.00*	53700	3.9							
15	4790	96.80	38300	0.90	K	97	DRS	132M4	205	499	
17	4280	86.52	38300	1.00	KF	97	DRS	132M4	225	500	
19	3860	77.89*	38100	1.10	KA	97	DRS	132M4	190	501	
20	3490	70.54	37900	1.25	KAF	97	DRS	132M4	215	500	
23	3100	62.55	37500	1.40							
26	2800	56.55	37100	1.55	K	97	DRS	132M4	205	499	
30	2370	47.93*	36300	1.80	KF	97	DRS	132M4	225	500	
35	2070	41.87	35600	2.1	KA	97	DRS	132M4	190	501	
38	1890	38.30	35100	2.3	KAF	97	DRS	132M4	215	500	
42	1690	34.23	34400	2.5							
23	3120	63.00*	24100	0.85	K	87	DRS	132M4	145	494	
26	2800	56.64	24200	0.95	KF	87	DRS	132M4	155	495	
29	2430	49.16	24200	1.10	KA	87	DRS	132M4	135	496	
33	2180	44.02	24100	1.20	KAF	87	DRS	132M4	150	495	
40	1810	36.52*	23800	1.40							
46	1550	31.39	23500	1.75							
52	1380	27.88	23100	1.90							
58	1230	24.92	22800	2.0	K	87	DRS	132M4	145	494	
64	1110	22.41	22400	2.1	KF	87	DRS	132M4	155	495	
74	960	19.45	21900	2.4	KA	87	DRS	132M4	135	496	
83	860	17.42	21500	2.6	KAF	87	DRS	132M4	150	495	
90	790	16.00	20600	2.3							
100	715	14.45	20700	2.9							



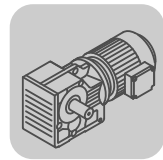
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]			
7.5	47	1530	30.89	15500	1.00								
	49	1450	29.27	16000	1.05	K	77	DRS	132M4	110	489		
	56	1260	25.62	17100	1.20	KF	77	DRS	132M4	120	490		
	63	1140	23.08	17700	1.35	KA	77	DRS	132M4	105	491		
	71	1000	20.25	18300	1.50	KAF	77	DRS	132M4	110	490		
	81	880	17.87	18500	1.65								
	91	780	15.84	18200	1.80								
	107	670	13.52	17700	2.0	K	77	DRS	132M4	110	489		
	117	610	12.36	17000	1.65	KF	77	DRS	132M4	120	490		
	133	535	10.84	16600	1.85	KA	77	DRS	132M4	105	491		
	151	470	9.56	16300	2.00	KAF	77	DRS	132M4	110	490		
	170	420	8.48	15900	2.1								
	200	355	7.24	15400	2.3								
	9.2	1.8	45800	835	190000	1.10							
		2.0	39900	729	190000	1.25	K	187R107	DRS	132MC4	1860	523	
		2.4	34000	622	190000	1.45	KH	187R107	DRS	132MC4	1790	523	
2.8		28800	520	190000	1.75								
3.2		25000	454	190000	2.00								
1.4		57800	1046	190000	0.85								
1.6		52200	945	190000	0.95								
2.0		40800	738	190000	1.20	K	187R97	DRS	132MC4	1810	523		
2.4		34300	621	190000	1.45	KH	187R97	DRS	132MC4	1750	523		
2.8		29000	527	190000	1.70								
4.6		17600	318	150000	1.80								
5.3		15300	278	150000	2.1	K	167R107	DRS	132MC4	1280	523		
6.0		13200	244	150000	2.4	KH	167R107	DRS	132MC4	1240	523		
6.9		11500	213	150000	2.8								
7.1		11200	206	150000	2.8								
2.3		34900	632	150000	0.90								
2.6		30800	561	150000	1.05	K	167R97	DRS	132MC4	1230	523		
3.0		26600	481	150000	1.20	KH	167R97	DRS	132MC4	1190	523		
3.5		23200	423	150000	1.40								
4.0		20300	369	150000	1.60								
3.8		20800	385	110600	0.85								
4.5		17500	325	112400	1.05	K	157R107	DRS	132MC4	880	523		
4.9		16300	299	113000	1.10	KF	157R107	DRS	132MC4	960	523		
5.8		13800	253	114000	1.30	KA	157R107	DRS	132MC4	850	523		
6.4		12400	230	114600	1.45	KAF	157R107	DRS	132MC4	910	523		
3.9		20800	379	110600	0.85	K	157R97	DRS	132MC4	840	523		
4.4		18300	333	112000	1.00	KF	157R97	DRS	132MC4	920	523		
5.0		15900	291	113100	1.15	KA	157R97	DRS	132MC4	800	523		
						KAF	157R97	DRS	132MC4	860	523		
5.8		14000	253	77900	0.95	K	127R87	DRS	132MC4	540	523		
6.9		11700	213	79800	1.10	KF	127R87	DRS	132MC4	590	523		
7.3		11200	200	80100	1.05	KA	127R87	DRS	132MC4	520	523		
8.8		9290	166	81000	1.30	KAF	127R87	DRS	132MC4	550	523		
10.0		8200	147	81400	1.45								
11		8160	136.14	81400	1.60	K	127	DRS	132MC4	485	509		
12		7340	122.48	81700	1.75	KF	127	DRS	132MC4	530	510		
13		6600	110.18	81900	1.95	KA	127	DRS	132MC4	455	511		
16		5390	89.89	82200	2.4	KAF	127	DRS	132MC4	495	510		
18		4910	81.98	82300	2.6								
13		6740	112.41*	62300	1.20	K	107	DRS	132MC4	325	504		
15		6040	100.75	61700	1.30	KF	107	DRS	132MC4	335	505		
16		5450	90.96*	61000	1.45	KA	107	DRS	132MC4	295	506		
						KAF	107	DRS	132MC4	320	505		
18		4950	82.61	60300	1.60								
20		4390	73.30	59300	1.80	K	107	DRS	132MC4	325	504		
22		3980	66.52*	58400	2.0	KF	107	DRS	132MC4	335	505		
26		3420	57.17*	57000	2.3	KA	107	DRS	132MC4	295	506		
29		2990	49.90	55500	2.6	KAF	107	DRS	132MC4	320	505		
35	2530	42.33*	53800	2.9									
19	4670	77.89*	35100	0.90	K	97	DRS	132MC4	210	499			
21	4220	70.54	35100	1.00	KF	97	DRS	132MC4	230	500			
23	3750	62.55	35000	1.15	KA	97	DRS	132MC4	190	501			
26	3390	56.55	34800	1.25	KAF	97	DRS	132MC4	215	500			



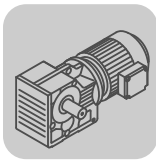
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
9.2	31	2870	47.93*	34400	1.50						
	35	2510	41.87	33900	1.70						
	38	2290	38.30	33500	1.85	K	97	DRS	132MC4	210	499
	43	2050	34.23	33000	2.1	KF	97	DRS	132MC4	230	500
	48	1840	30.82	32400	2.3	KA	97	DRS	132MC4	190	501
	53	1670	27.91	31900	2.6	KAF	97	DRS	132MC4	215	500
	59	1480	24.75	31200	2.9						
	30	2940	49.16	22000	0.90	K	87	DRS	132MC4	150	494
	33	2630	44.02	22200	1.00	KF	87	DRS	132MC4	160	495
	40	2190	36.52*	22200	1.15	KA	87	DRS	132MC4	140	496
	47	1880	31.39	22100	1.45	KAF	87	DRS	132MC4	150	495
	53	1670	27.88	21900	1.55						
	59	1490	24.92	21600	1.65						
	65	1340	22.41	21400	1.70						
	75	1160	19.45	21000	1.95	K	87	DRS	132MC4	150	494
	84	1040	17.42	20600	2.1	KF	87	DRS	132MC4	160	495
	92	950	16.00	19700	1.90	KA	87	DRS	132MC4	140	496
	101	860	14.45	20000	2.4	KAF	87	DRS	132MC4	150	495
	117	750	12.56	19500	2.7						
	131	665	11.17	18600	2.2						
147	595	10.00	18200	2.5							
63	1380	23.08	16500	1.10	K	77	DRS	132MC4	115	489	
72	1210	20.25	17400	1.25	KF	77	DRS	132MC4	120	490	
82	1070	17.87	17600	1.35	KA	77	DRS	132MC4	105	491	
93	940	15.84	17300	1.45	KAF	77	DRS	132MC4	115	490	
108	810	13.52	17000	1.65							
119	740	12.36	16200	1.35	K	77	DRS	132MC4	115	489	
135	645	10.84	16000	1.50	KF	77	DRS	132MC4	120	490	
153	570	9.56	15600	1.65	KA	77	DRS	132MC4	105	491	
173	505	8.48	15300	1.75	KAF	77	DRS	132MC4	115	490	
202	430	7.24	14900	1.90							
11.0	1.8	55200	835	190000	0.90						
	2.0	48000	729	190000	1.05						
	2.4	40900	622	190000	1.20	K	187R107	DRS	160M4	1880	523
	2.8	34700	520	190000	1.45	KH	187R107	DRS	160M4	1810	523
	3.2	30200	454	190000	1.65						
	4.1	23300	355	190000	2.1						
	2.0	49000	738	190000	1.00	K	187R97	DRS	160M4	1830	523
	2.4	41200	621	190000	1.20	KH	187R97	DRS	160M4	1770	523
	2.8	34800	527	190000	1.45						
	4.6	21200	318	150000	1.50						
	5.3	18400	278	150000	1.75	K	167R107	DRS	160M4	1300	523
	6.0	16000	244	150000	2.0	KH	167R107	DRS	160M4	1260	523
	6.8	13900	213	150000	2.3						
	7.1	13600	206	150000	2.4						
	2.6	37000	561	150000	0.85						
	3.0	31900	481	150000	1.00	K	167R97	DRS	160M4	1250	523
	3.4	27900	423	150000	1.15	KH	167R97	DRS	160M4	1210	523
	4.0	24400	369	150000	1.30						
	4.4	22000	333	109900	0.80	K	157R97	DRS	160M4	860	523
	5.0	19200	291	111500	0.95	KF	157R97	DRS	160M4	940	523
						KA	157R97	DRS	160M4	820	523
						KAF	157R97	DRS	160M4	880	523
	6.8	14100	213	77600	0.90	K	127R87	DRS	160M4	560	523
	7.3	13400	200	78900	0.90	KF	127R87	DRS	160M4	610	523
	8.8	11100	166	80100	1.05	KA	127R87	DRS	160M4	540	523
	10.0	9860	147	80700	1.20	KAF	127R87	DRS	160M4	570	523
	8.9	11800	164.50	150000	2.7	K	167	DRS	160M4	1130	519
	11	9710	134.99	150000	3.3	KH	167	DRS	160M4	1090	520
	9.7	10800	150.41	115100	1.65	K	157	DRS	160M4	730	514
	12	8800	122.39	115600	2.0	KF	157	DRS	160M4	810	515
15	7210	100.22	115900	2.5	KA	157	DRS	160M4	700	516	
16	6590	91.65	116100	2.7	KAF	157	DRS	160M4	750	515	



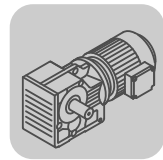
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
11.0	11	9790	136.14	80800	1.35							
	12	8810	122.48	81200	1.50	K	127	DRS	160M4	500	509	
	13	7920	110.18	81500	1.65	KF	127	DRS	160M4	540	510	
	16	6460	89.89	81900	2.0	KA	127	DRS	160M4	470	511	
	18	5890	81.98	82100	2.2	KAF	127	DRS	160M4	510	510	
	21	5100	70.95*	82300	2.6							
	13	8080	112.41*	57700	1.00	K	107	DRS	160M4	345	504	
	14	7240	100.75	58200	1.10	KF	107	DRS	160M4	355	505	
	16	6540	90.96*	57900	1.20	KA	107	DRS	160M4	315	506	
	18	5940	82.61	57500	1.35	KAF	107	DRS	160M4	340	505	
	20	5270	73.30	56800	1.50							
	22	4780	66.52*	56100	1.65	K	107	DRS	160M4	345	504	
	26	4110	57.17*	55000	1.95	KF	107	DRS	160M4	355	505	
	29	3590	49.90	53900	2.2	KA	107	DRS	160M4	315	506	
	34	3040	42.33*	52400	2.4	KAF	107	DRS	160M4	340	505	
	39	2660	37.00*	51100	2.7							
	21	5070	70.54	32200	0.85	K	97	DRS	160M4	230	499	
	23	4500	62.55	32500	0.95	KF	97	DRS	160M4	250	500	
	26	4060	56.55	32500	1.05	KA	97	DRS	160M4	210	501	
	30	3440	47.93*	32400	1.25	KAF	97	DRS	160M4	235	500	
	35	3010	41.87	32200	1.45							
	38	2750	38.30	32000	1.55	K	97	DRS	160M4	230	499	
	43	2460	34.23	31600	1.75	KF	97	DRS	160M4	250	500	
	47	2210	30.82	31200	1.95	KA	97	DRS	160M4	210	501	
	52	2000	27.91	30800	2.1	KAF	97	DRS	160M4	235	500	
	59	1780	24.75	30200	2.4							
	65	1600	22.37	29700	2.7							
	33	3160	44.02	20100	0.80	K	87	DRS	160M4	170	494	
	40	2620	36.52*	20500	0.95	KF	87	DRS	160M4	180	495	
	47	2250	31.39	20600	1.20	KA	87	DRS	160M4	160	496	
	52	2000	27.88	20600	1.30	KAF	87	DRS	160M4	170	495	
	59	1790	24.92	20500	1.40							
	65	1610	22.41	20300	1.45							
	75	1390	19.45	20100	1.65							
	84	1250	17.42	19800	1.75							
	91	1150	16.00	18800	1.55	K	87	DRS	160M4	170	494	
	101	1030	14.45	19300	2.0	KF	87	DRS	160M4	180	495	
	116	900	12.56	18900	2.2	KA	87	DRS	160M4	160	496	
	131	800	11.17	18000	1.85	KAF	87	DRS	160M4	170	495	
	146	715	10.00	17600	2.1							
	176	595	8.29	17100	2.4							
	202	515	7.21	16600	2.5							
	63	1660	23.08	14600	0.95							
	72	1450	20.25	16000	1.05							
	82	1280	17.87	16600	1.15							
	92	1130	15.84	16500	1.25	K	77	DRS	160M4	135	489	
	108	970	13.52	16200	1.40	KF	77	DRS	160M4	145	490	
	118	880	12.36	15500	1.15	KA	77	DRS	160M4	130	491	
	135	775	10.84	15300	1.25	KAF	77	DRS	160M4	135	490	
	153	685	9.56	15100	1.35							
	172	610	8.48	14800	1.45							
	202	520	7.24	14400	1.55							
	15.0	2.4	55900	622	190000	0.90						
		2.8	47400	520	190000	1.05	K	187R107	DRS	160MC4	1890	523
		3.2	41200	454	190000	1.20	KH	187R107	DRS	160MC4	1820	523
		4.1	31900	355	190000	1.55						
		5.6	23700	261	190000	2.1						
		4.6	28900	318	150000	1.10						
		5.3	25200	278	150000	1.25						
		6.0	21800	244	150000	1.45						
6.9		19000	213	150000	1.70	K	167R107	DRS	160MC4	1300	523	
7.1		18600	206	150000	1.70	KH	167R107	DRS	160MC4	1270	523	
8.1		16000	180	150000	2.00							
9.2		14500	160	150000	2.2							

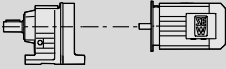



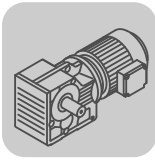
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B						
										m [kg]	
15.0	6.4	20500	230	110800	0.90						
	6.9	19300	213	111500	0.95	K	157R107	DRS	160MC4	910	523
	7.8	16600	187	112800	1.10	KF	157R107	DRS	160MC4	990	523
	9.3	14100	157	113900	1.25	KA	157R107	DRS	160MC4	870	523
	12	11000	122	115000	1.60	KAF	157R107	DRS	160MC4	930	523
	14	9670	107	115400	1.85						
	8.9	16000	164.50	150000	2.00	K	167	DRS	160MC4	1130	519
	11	13100	134.99	150000	2.4	KH	167	DRS	160MC4	1090	520
	9.7	14700	150.41	113700	1.20	K	157	DRS	160MC4	740	514
	12	11900	122.39	114700	1.50	KF	157	DRS	160MC4	820	515
15	9790	100.22	114100	1.85	KA	157	DRS	160MC4	700	516	
16	8960	91.65	112400	2.0	KAF	157	DRS	160MC4	760	515	
18	7790	79.75	109500	2.3							
11	13300	136.14	79000	1.00	K	127	DRS	160MC4	500	509	
12	11900	122.48	79700	1.10	KF	127	DRS	160MC4	550	510	
13	10700	110.18	80300	1.20	KA	127	DRS	160MC4	475	511	
					KAF	127	DRS	160MC4	510	510	
16	8780	89.89	81200	1.50							
18	8010	81.98	81500	1.60	K	127	DRS	160MC4	500	509	
21	6930	70.95*	81500	1.85	KF	127	DRS	160MC4	550	510	
23	6120	62.60	79900	2.1	KA	127	DRS	160MC4	475	511	
27	5280	54.07	77900	2.5	KAF	127	DRS	160MC4	510	510	
31	4670	47.82	76200	2.8							
16	8890	90.96*	48200	0.90	K	107	DRS	160MC4	350	504	
18	8070	82.61	49400	1.00	KF	107	DRS	160MC4	360	505	
20	7160	73.30	50500	1.10	KA	107	DRS	160MC4	320	506	
22	6500	66.52*	51000	1.25	KAF	107	DRS	160MC4	345	505	
26	5590	57.17*	50600	1.45							
29	4870	49.90	50000	1.60	K	107	DRS	160MC4	350	504	
35	4130	42.33*	49100	1.80	KF	107	DRS	160MC4	360	505	
40	3610	37.00*	48200	2.00	KA	107	DRS	160MC4	320	506	
45	3190	32.69	47300	2.2	KAF	107	DRS	160MC4	345	505	
47	3050	31.28*	46900	2.2							
51	2830	29.00	46300	2.5							
31	4680	47.93*	28100	0.90	K	97	DRS	160MC4	235	499	
35	4090	41.87	28400	1.05	KF	97	DRS	160MC4	255	500	
38	3740	38.30	28500	1.15	KA	97	DRS	160MC4	215	501	
43	3340	34.23	28500	1.30	KAF	97	DRS	160MC4	240	500	
48	3010	30.82	28400	1.45							
53	2720	27.91	28200	1.60	K	97	DRS	160MC4	235	499	
59	2410	24.75	28000	1.80	KF	97	DRS	160MC4	255	500	
65	2180	22.37	27700	1.95	KA	97	DRS	160MC4	215	501	
77	1850	18.96	27200	2.3	KAF	97	DRS	160MC4	240	500	
88	1610	16.56	26600	2.7							
47	3060	31.39	17300	0.90							
53	2720	27.88	17600	0.95	K	87	DRS	160MC4	175	494	
59	2430	24.92	17800	1.05	KF	87	DRS	160MC4	185	495	
65	2190	22.41	18000	1.05	KA	87	DRS	160MC4	165	496	
75	1900	19.45	18000	1.20	KAF	87	DRS	160MC4	175	495	
84	1700	17.42	18000	1.30							
92	1560	16.00	16800	1.15							
101	1410	14.45	17800	1.50	K	87	DRS	160MC4	175	494	
117	1220	12.56	17600	1.65	KF	87	DRS	160MC4	185	495	
131	1090	11.17	16600	1.35	KA	87	DRS	160MC4	165	496	
147	970	10.00	16400	1.55	KAF	87	DRS	160MC4	175	495	
177	810	8.29	16000	1.75							
203	705	7.21	15700	1.85							
18.5	2.8	58700	520	190000	0.85						
	3.2	51200	454	190000	1.00	K	187R107	DRS	180M4	1930	523
	4.1	39600	355	190000	1.25	KH	187R107	DRS	180M4	1860	523
	5.6	29400	261	190000	1.70						
	6.6	24900	221	190000	2.0						



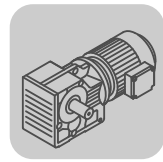
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]							
18.5	4.6	35900	318	150000	0.90	K	167R107	DRS	180M4	1350	523						
	5.3	31300	278	150000	1.00												
	6.0	27100	244	150000	1.20												
	6.8	23700	213	150000	1.35												
	7.1	23100	206	150000	1.40							KH					
	8.1	19900	180	150000	1.60												
	9.2	18000	160	150000	1.80												
	11	15200	135	150000	2.1												
	12	13200	118	150000	2.4												
	7.8	20700	187	110700	0.85							K	157R107	DRS	180M4	960	523
	9.3	17600	157	112400	1.00							KF	157R107	DRS	180M4	1030	523
	12	13700	122	113900	1.30							KA	157R107	DRS	180M4	920	523
14	12000	107	112100	1.50	KAF	157R107	DRS	180M4	980	523							
8.1	21700	179.86	190000	2.3	K	187	DRS	180M4	1760	521							
8.8	19900	165.21	190000	2.5													
10	17400	144.59	190000	2.9													
11	15600	129.69	190000	3.2							KH						
11	16300	134.99	150000	1.95													
13	13200	109.83	150000	2.4													
17	10600	87.86	150000	3.0	KH	167	DRS	180M4	1140	520							
12	14800	122.39	111700	1.20	K	157	DRS	180M4	780	514							
15	12100	100.22	109200	1.50													
16	11000	91.65	107900	1.60													
18	9650	79.75	105600	1.85													
21	8510	70.38	103400	2.1													
24	7380	61.02	100800	2.4													
27	6560	54.29	98600	2.7													
31	5660	46.79	95600	3.2													
38	4600	38.02	91400	3.9							KF						
13	13300	110.18	79000	1.00													
16	10800	89.89	79000	1.20													
18	9910	81.98	78500	1.30	KA	127	DRS	180M4	520	511							
21	8580	70.95*	77500	1.50	KAF	127	DRS	180M4	560	510							
23	7570	62.60	76400	1.70													
27	6540	54.07	74900	2.00													
31	5780	47.82	73500	2.2													
36	4860	40.19	71300	2.7													
40	4380	36.25	70000	3.0													
47	3790	31.37	68000	3.4													
53	3340	27.68	66300	3.9													
20	8860	73.30	42700	0.90							K	107	DRS	180M4	395	504	
22	8040	66.52*	44200	1.00							KF	107	DRS	180M4	405	505	
26	6910	57.17*	45700	1.15	KA	107	DRS	180M4	365	506							
29	6030	49.90	46600	1.30	KAF	107	DRS	180M4	390	505							
34	5120	42.33*	46300	1.45	K	107	DRS	180M4	395	504							
39	4470	37.00*	45700	1.60													
45	3950	32.69	45100	1.80													
47	3780	31.28*	44900	1.80													
50	3500	29.00	44400	2.0													
55	3180	26.32	43800	2.3													
65	2730	22.62	42800	2.6													
74	2380	19.74	41700	3.0													
87	2020	16.75	40500	3.5							KF						
35	5060	41.87	25100	0.85													
47	3720	30.82	26000	1.15													
52	3370	27.91	26000	1.25													
59	2990	24.75	26000	1.45	KA	97	DRS	180M4	260	501							
65	2700	22.37	25900	1.60	KAF	97	DRS	180M4	285	500							
77	2290	18.96	25700	1.85													
88	2000	16.56	25300	2.2													
105	1670	13.85	24800	2.6													
122	1450	11.99	24300	2.7													



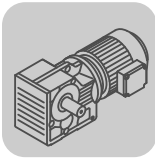
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
18.5	59	3010	24.92	15500	0.85						
	65	2710	22.41	15900	0.85						
	75	2350	19.45	16200	1.00						
	84	2100	17.42	16400	1.05	K	87	DRS	180M4	220	494
	101	1740	14.45	16500	1.20	KF	87	DRS	180M4	230	495
	116	1510	12.56	16400	1.30	KA	87	DRS	180M4	210	496
	131	1350	11.17	15400	1.10	KAF	87	DRS	180M4	220	495
	146	1200	10.00	15300	1.25						
	176	1000	8.29	15200	1.40						
	202	870	7.21	15000	1.50						
22	3.2	61000	454	190000	0.80						
	4.1	47200	355	190000	1.05						
	5.6	35000	261	190000	1.40	K	187R107	DRS	180L4	1950	523
	6.6	29700	221	190000	1.70	KH	187R107	DRS	180L4	1880	523
	7.6	25900	193	190000	1.95						
	8.9	21800	163	190000	2.3						
	5.3	37300	278	150000	0.85						
	6.0	32400	244	150000	1.00						
	6.8	28200	213	150000	1.15	K	167R107	DRS	180L4	1370	523
	7.1	27500	206	150000	1.15	KH	167R107	DRS	180L4	1330	523
8.1	23800	180	150000	1.35							
9.2	21400	160	150000	1.50							
11	18100	135	150000	1.75							
12	15800	118	150000	2.0							
9.3	21000	157	109400	0.85	K	157R107	DRS	180L4	970	523	
12	16400	122	108100	1.10	KF	157R107	DRS	180L4	1050	523	
14	14300	107	107000	1.25	KA	157R107	DRS	180L4	940	523	
					KAF	157R107	DRS	180L4	1000	523	
8.1	25800	179.86	190000	1.95							
8.8	23700	165.21	190000	2.1	K	187	DRS	180L4	1780	521	
10	20800	144.59	190000	2.4	KH	187	DRS	180L4	1710	522	
11	18600	129.69	190000	2.7							
11	19400	134.99	150000	1.65							
13	15800	109.83	150000	2.0	K	167	DRS	180L4	1190	519	
17	12600	87.86	150000	2.5	KH	167	DRS	180L4	1160	520	
19	11200	78.14	150000	2.8							
12	17600	122.39	105500	1.00							
15	14400	100.22	104100	1.25							
16	13100	91.65	103300	1.35	K	157	DRS	180L4	800	514	
18	11400	79.75	101600	1.55	KF	157	DRS	180L4	880	515	
21	10100	70.38	99900	1.80	KA	157	DRS	180L4	760	516	
24	8780	61.02	97700	2.0	KAF	157	DRS	180L4	820	515	
27	7810	54.29	95800	2.3							
31	6730	46.79	93300	2.7							
38	5470	38.02	89500	3.3							
16	12900	89.89	73900	1.00	K	127	DRS	180L4	570	509	
18	11700	81.98	73800	1.10	KF	127	DRS	180L4	610	510	
21	10200	70.95*	73400	1.25	KA	127	DRS	180L4	540	511	
23	9000	62.60	72800	1.45	KAF	127	DRS	180L4	580	510	
27	7770	54.07	71800	1.65							
31	6880	47.82	70700	1.90							
36	5780	40.19	69000	2.2	K	127	DRS	180L4	570	509	
40	5210	36.25	67900	2.5	KF	127	DRS	180L4	610	510	
47	4510	31.37	66200	2.9	KA	127	DRS	180L4	540	511	
53	3980	27.68	64700	3.3	KAF	127	DRS	180L4	580	510	
61	3430	23.91	62800	3.8							
69	3040	21.15	61200	4.3							
26	8220	57.17*	39600	0.95	K	107	DRS	180L4	415	504	
29	7180	49.90	41500	1.10	KF	107	DRS	180L4	425	505	
34	6090	42.33*	42800	1.20	KA	107	DRS	180L4	385	506	
					KAF	107	DRS	180L4	410	505	



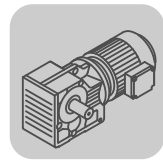
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
22	39	5320	37.00*	43200	1.35						
	45	4700	32.69	42900	1.55						
	47	4500	31.28*	42800	1.50						
	50	4170	29.00	42500	1.75						
	55	3780	26.32	42000	1.90	K	107	DRS	180L4	415	504
	65	3250	22.62	41200	2.2	KF	107	DRS	180L4	425	505
	74	2840	19.74	40400	2.5	KA	107	DRS	180L4	385	506
	87	2400	16.75	39300	2.9	KAF	107	DRS	180L4	410	505
	100	2100	14.64	38400	3.3						
	109	1930	13.43	36800	2.2						
	125	1680	11.73	35900	2.6						
	147	1430	9.94	34800	2.9						
	47	4430	30.82	23500	0.95	K	97	DRS	180L4	300	499
	52	4010	27.91	23800	1.05	KF	97	DRS	180L4	320	500
	59	3560	24.75	24100	1.20	KA	97	DRS	180L4	280	501
	65	3210	22.37	24200	1.35	KAF	97	DRS	180L4	305	500
	77	2720	18.96	24200	1.60						
	88	2380	16.56	24000	1.80	K	97	DRS	180L4	300	499
	105	1990	13.85	23700	2.2	KF	97	DRS	180L4	320	500
	122	1720	11.99	23300	2.2	KA	97	DRS	180L4	280	501
140	1490	10.41	21800	1.90	KAF	97	DRS	180L4	305	500	
168	1250	8.71	21400	2.1							
75	2790	19.45	14400	0.80							
84	2500	17.42	14800	0.90							
101	2070	14.45	15100	1.00	K	87	DRS	180L4	240	494	
116	1800	12.56	15300	1.10	KF	87	DRS	180L4	250	495	
131	1600	11.17	14200	0.95	KA	87	DRS	180L4	225	496	
146	1430	10.00	14200	1.05	KAF	87	DRS	180L4	240	495	
176	1190	8.29	14300	1.15							
202	1030	7.21	14200	1.25							
30	5.6	47600	261	190000	1.05						
	6.6	40300	221	190000	1.25	K	187R107	DRS	180LC4	1960	523
	7.6	35200	193	190000	1.40	KH	187R107	DRS	180LC4	1890	523
	9.0	29700	163	190000	1.70						
	6.9	38400	213	150000	0.85						
	7.1	37400	206	150000	0.85						
	8.2	32400	180	150000	1.00	K	167R107	DRS	180LC4	1380	523
	9.2	29100	160	150000	1.10	KH	167R107	DRS	180LC4	1340	523
	11	24600	135	150000	1.30						
	12	21500	118	150000	1.50						
	8.2	35000	179.86	190000	1.45						
	8.9	32100	165.21	190000	1.55						
	10	28100	144.59	190000	1.75						
	11	25200	129.69	190000	2.00	K	187	DRS	180LC4	1790	521
	13	21900	112.60	190000	2.3	KH	187	DRS	180LC4	1720	522
	14	19900	102.16	190000	2.5						
	17	17100	88.00	190000	2.9						
	13	21400	109.83	150000	1.50						
	17	17100	87.86	150000	1.85						
	19	15200	78.14	150000	2.1	K	167	DRS	180LC4	1200	519
	22	13200	68.07	150000	2.4	KH	167	DRS	180LC4	1170	520
	24	11800	60.74	150000	2.7						
	15	19500	100.22	92700	0.90						
	16	17800	91.65	92800	1.00						
	18	15500	79.75	92400	1.15						
	21	13700	70.38	91800	1.30						
	24	11800	61.02	90700	1.50	K	157	DRS	180LC4	810	514
	27	10500	54.29	89500	1.70	KF	157	DRS	180LC4	890	515
	31	9110	46.79	87800	1.95	KA	157	DRS	180LC4	770	516
39	7400	38.02	85100	2.4	KAF	157	DRS	180LC4	830	515	
47	6100	31.30	82200	3.0							



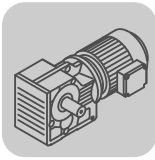
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
30	21	13800	70.95*	64200	0.95						
	23	12200	62.60	64600	1.05						
	27	10500	54.07	64700	1.25						
	31	9310	47.82	64400	1.40	K	127	DRS	180LC4	580	509
	37	7830	40.19	63700	1.65	KF	127	DRS	180LC4	620	510
	41	7060	36.25	63100	1.85	KA	127	DRS	180LC4	550	511
	47	6110	31.37	62000	2.1	KAF	127	DRS	180LC4	590	510
	53	5390	27.68	61000	2.4						
	62	4650	23.91	59600	2.8						
	35	8240	42.33*	32400	0.90	K	107	DRS	180LC4	425	504
	40	7200	37.00*	34700	1.00	KF	107	DRS	180LC4	435	505
	47	6090	31.28*	36600	1.10	KA	107	DRS	180LC4	395	506
						KAF	107	DRS	180LC4	420	505
	51	5650	29.00	37200	1.25						
	56	5120	26.32	37700	1.40						
	65	4400	22.62	37700	1.65						
	74	3840	19.74	37400	1.85	K	107	DRS	180LC4	425	504
	88	3260	16.75	36700	2.2	KF	107	DRS	180LC4	435	505
	100	2850	14.64	36100	2.4	KA	107	DRS	180LC4	395	506
109	2610	13.43	34400	1.65	KAF	107	DRS	180LC4	420	505	
125	2280	11.73	33800	1.90							
148	1930	9.94	33000	2.2							
169	1690	8.69	32200	2.4							
59	4820	24.75	19600	0.90							
66	4350	22.37	20100	1.00							
78	3690	18.96	20700	1.15	K	97	DRS	180LC4	310	499	
89	3220	16.56	21000	1.35	KF	97	DRS	180LC4	330	500	
106	2690	13.85	21200	1.60	KA	97	DRS	180LC4	290	501	
123	2330	11.99	21100	1.65	KAF	97	DRS	180LC4	315	500	
141	2020	10.41	19500	1.40							
169	1690	8.71	19400	1.55							
37	5.6	58800	261	190000	0.85						
	6.6	49800	221	190000	1.00	K	187R107	DRS	225S4	2080	523
	7.6	43500	193	190000	1.15	KH	187R107	DRS	225S4	2010	523
	9.0	36700	163	190000	1.35						
	8.2	40000	180	150000	0.80						
	9.2	35900	160	150000	0.90	K	167R107	DRS	225S4	1500	523
	11	30400	135	150000	1.05	KH	167R107	DRS	225S4	1460	523
	12	26600	118	150000	1.20						
	8.2	43200	179.86	190000	1.15						
	8.9	39700	165.21	190000	1.25						
	10	34700	144.59	190000	1.45						
	11	31100	129.69	190000	1.60	K	187	DRS	225S4	1910	521
	13	27000	112.60	190000	1.85	KH	187	DRS	225S4	1840	522
	14	24500	102.16	190000	2.0						
	17	21100	88.00	190000	2.4						
	13	26300	109.83	150000	1.20						
	17	21100	87.86	150000	1.50						
	19	18700	78.14	150000	1.70	K	167	DRS	225S4	1320	519
	22	16300	68.07	150000	1.95	KH	167	DRS	225S4	1290	520
	24	14500	60.74	150000	2.2						
	28	12400	51.77	150000	2.6						
	16	22000	91.65	83600	0.80	K	157	DRS	225S4	930	514
	18	19100	79.75	84500	0.95	KF	157	DRS	225S4	1010	515
						KA	157	DRS	225S4	890	516
						KAF	157	DRS	225S4	950	515
	21	16900	70.38	84800	1.05						
	24	14600	61.02	84600	1.25	K	157	DRS	225S4	930	514
	27	13000	54.29	84100	1.40	KF	157	DRS	225S4	1010	515
	31	11200	46.79	83200	1.60	KA	157	DRS	225S4	890	516
	39	9130	38.02	81300	1.95	KAF	157	DRS	225S4	950	515
47	7520	31.30	79100	2.4							
23	15000	62.60	57500	0.85	K	127	DRS	225S4	700	509	
27	12900	54.07	58500	1.00	KF	127	DRS	225S4	740	510	
31	11400	47.82	59000	1.15	KA	127	DRS	225S4	670	511	
37	9650	40.19	59100	1.35	KAF	127	DRS	225S4	710	510	



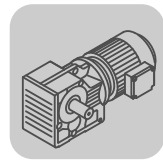
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]		
37	41	8710	36.25	59000	1.50							
	47	7530	31.37	58500	1.70							
	53	6650	27.68	57800	1.95							
	62	5740	23.91	56900	2.3	K	127	DRS	225S4	700	509	
	70	5080	21.15	56000	2.6	KF	127	DRS	225S4	740	510	
	83	4270	17.77	54500	3.0	KA	127	DRS	225S4	670	511	
	102	3440	14.35	52500	3.5	KAF	127	DRS	225S4	710	510	
	115	3070	12.79	50200	2.8							
	137	2580	10.74	48600	3.1							
	169	2080	8.68	46600	3.5							
	40	8890	37.00*	25800	0.80							
	47	7510	31.28*	29700	0.90							
	51	6960	29.00	30900	1.05							
	56	6320	26.32	32200	1.15							
	65	5430	22.62	33600	1.30	K	107	DRS	225S4	540	504	
	74	4740	19.74	34400	1.50	KF	107	DRS	225S4	550	505	
	88	4020	16.75	34500	1.75	KA	107	DRS	225S4	520	506	
	100	3510	14.64	34200	1.95	KAF	107	DRS	225S4	540	505	
109	3220	13.43	32300	1.35								
125	2810	11.73	32000	1.55								
148	2380	9.94	31400	1.75								
169	2080	8.69	30900	1.95								
45	6.7	60200	221	190000	0.85	K	187R107	DRS	225M4	2100	523	
	7.6	52600	193	190000	0.95	KH	187R107	DRS	225M4	2030	523	
	9.0	44400	163	190000	1.10							
	11	36800	135	150000	0.85	K	167R107	DRS	225M4	1520	523	
	13	32100	118	150000	1.00	KH	167R107	DRS	225M4	1480	523	
	8.2	52200	179.86	190000	0.95							
	9.0	47900	165.21	190000	1.05							
	10	41900	144.59	190000	1.20							
	11	37600	129.69	190000	1.35	K	187	DRS	225M4	1930	521	
	13	32600	112.60	190000	1.55	KH	187	DRS	225M4	1860	522	
	14	29600	102.16	190000	1.70							
	17	25500	88.00	190000	1.95							
	20	21400	73.96	187400	2.3							
	13	31800	109.83	150000	1.00							
	17	25500	87.86	150000	1.25							
	19	22600	78.14	150000	1.40	K	167	DRS	225M4	1340	519	
	22	19700	68.07	150000	1.60	KH	167	DRS	225M4	1310	520	
	24	17600	60.74	148900	1.80							
	29	15000	51.77	145200	2.1							
	34	12400	42.89	140400	2.6							
	21	20400	70.38	76800	0.90							
	24	17700	61.02	77700	1.00							
	27	15700	54.29	78000	1.15							
	32	13500	46.79	77800	1.30	K	157	DRS	225M4	950	514	
	39	11000	38.02	76900	1.65	KF	157	DRS	225M4	1030	515	
	47	9080	31.30	75400	2.00	KA	157	DRS	225M4	910	516	
	54	8020	27.62	74300	2.2	KAF	157	DRS	225M4	970	515	
	62	6950	23.95	72800	2.6							
	69	6180	21.31	71400	2.9							
	81	5330	18.37	69600	3.4							
	31	13800	47.82	52800	0.95	K	127	DRS	225M4	720	509	
	37	11600	40.19	53900	1.10	KF	127	DRS	225M4	760	510	
	41	10500	36.25	54200	1.25	KA	127	DRS	225M4	690	511	
						KAF	127	DRS	225M4	730	510	
	47	9100	31.37	54400	1.45							
	53	8030	27.68	54200	1.60							
	62	6930	23.91	53800	1.85	K	127	DRS	225M4	720	509	
	70	6130	21.15	53200	2.1	KF	127	DRS	225M4	760	510	
	83	5150	17.77	52200	2.5	KA	127	DRS	225M4	690	511	
	103	4160	14.35	50600	2.9	KAF	127	DRS	225M4	730	510	
	116	3710	12.79	48300	2.3							
	138	3110	10.74	47000	2.6							
	171	2510	8.68	45200	2.9							
	51	8410	29.00	22900	0.85	K	107	DRS	225M4	560	504	
	56	7630	26.32	25300	0.95	KF	107	DRS	225M4	580	505	
	65	6560	22.62	28100	1.10	KA	107	DRS	225M4	540	506	
	75	5730	19.74	29800	1.25	KAF	107	DRS	225M4	560	505	

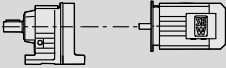



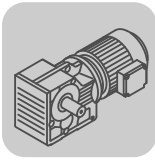
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
45	88	4860	16.75	31100	1.45						
	101	4240	14.64	31700	1.60	K	107	DRS	225M4	560	504
	110	3890	13.43	29900	1.10	KF	107	DRS	225M4	580	505
	126	3400	11.73	29900	1.25	KA	107	DRS	225M4	540	506
	149	2880	9.94	29600	1.45	KAF	107	DRS	225M4	560	505
	170	2520	8.69	29300	1.60						
55	10	51300	144.59	190000	0.95						
	11	46000	129.69	190000	1.10						
	13	39900	112.60	188500	1.25	K	187	DRS	225MC4	1940	521
	14	36200	102.16	187000	1.40	KH	187	DRS	225MC4	1870	522
	17	31200	88.00	184200	1.60						
	20	26200	73.96	180100	1.90						
	23	22700	64.04	176200	2.2						
	17	31100	87.86	145300	1.05						
	19	27700	78.14	144600	1.15						
	22	24100	68.07	143200	1.30	K	167	DRS	225MC4	1360	519
	24	21500	60.74	141700	1.50	KH	167	DRS	225MC4	1320	520
	29	18300	51.77	139100	1.75						
	34	15200	42.89	135400	2.1						
	40	12900	36.61	131900	2.5						
	24	21600	61.02	69000	0.85						
	27	19200	54.29	70300	0.95						
	32	16600	46.79	71200	1.10						
	39	13400	38.02	71500	1.35	K	157	DRS	225MC4	960	514
	47	11100	31.30	71000	1.60	KF	157	DRS	225MC4	1040	515
	54	9800	27.62	70400	1.85	KA	157	DRS	225MC4	930	516
	62	8490	23.95	69400	2.1	KAF	157	DRS	225MC4	990	515
	69	7560	21.31	68400	2.4						
	81	6510	18.37	67000	2.8						
	99	5290	14.92	64700	3.4						
117	4490	12.65	62800	3.8							
37	14200	40.19	47400	0.90	K	127	DRS	225MC4	730	509	
47	11100	31.37	49300	1.15	KF	127	DRS	225MC4	770	510	
53	9820	27.68	49700	1.30	KA	127	DRS	225MC4	700	511	
					KAF	127	DRS	225MC4	740	510	
62	8480	23.91	49900	1.55							
70	7500	21.15	49800	1.75	K	127	DRS	225MC4	730	509	
83	6300	17.77	49300	2.1	KF	127	DRS	225MC4	770	510	
103	5090	14.35	48300	2.4	KA	127	DRS	225MC4	700	511	
116	4530	12.79	45900	1.90	KAF	127	DRS	225MC4	740	510	
138	3810	10.74	45000	2.1							
171	3070	8.68	43600	2.4							
75	11	62700	129.69	164100	0.80						
	13	54400	112.60	166100	0.90						
	14	49400	102.16	166600	1.00						
	17	42500	88.00	166600	1.15	K	187	DV	280S4	2200	521
	20	35700	73.96	165300	1.40	KH	187	DV	280S4	2130	522
	23	30900	64.04	163400	1.60						
	28	25800	53.36	160100	1.95						
	33	22000	45.50*	156700	2.3						
	19	37800	78.14	126100	0.85						
	22	32900	68.07	127100	0.95						
	24	29300	60.74	127300	1.10						
	29	25000	51.77	126800	1.30	K	167	DV	280S4	1620	519
	34	20700	42.89	125200	1.55	KH	167	DV	280S4	1580	520
	40	17700	36.61	123200	1.80						
	46	15600	32.25	121300	2.0						
	51	13900	28.77	119300	2.3						
	60	11800	24.52	116300	2.7						
	39	18300	38.02	60800	1.00						
	47	15100	31.30	62200	1.20						
	54	13300	27.62	62600	1.35	K	157	DV	280S4	1220	514
	62	11500	23.95	62600	1.55	KF	157	DV	280S4	1300	515
	69	10300	21.31	62400	1.75	KA	157	DV	280S4	1190	516
	81	8880	18.37	61800	2.0	KAF	157	DV	280S4	1250	515
	99	7220	14.92	60500	2.5						
117	6120	12.65	59300	2.8							



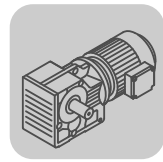
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						K		DV			
75	47	15100	31.37	39200	0.85						
	53	13300	27.68	40800	0.95						
	62	11500	23.91	42200	1.10						
	70	10200	21.15	42900	1.25	K	127	DV	280S4	990	509
	83	8590	17.77	43500	1.50	KF	127	DV	280S4	1030	510
	103	6940	14.35	43700	1.75	KA	127	DV	280S4	960	511
	116	6180	12.79	41100	1.40	KAF	127	DV	280S4	1000	510
	138	5190	10.74	41000	1.55						
171	4190	8.68	40400	1.70							
90	14	59300	102.16	151300	0.85						
	17	51100	88.00	153400	1.00						
	20	42900	73.96	154200	1.15						
	23	37100	64.04	153800	1.35	K	187	DV	280M4	2200	521
	28	30900	53.36	152200	1.60	KH	187	DV	280M4	2140	522
	33	26400	45.50*	149900	1.90						
	35	24600	42.51	148700	2.0						
	38	22300	38.57	146900	2.2						
	22	39500	68.07	115100	0.80						
	24	35200	60.74	116600	0.90						
	29	30000	51.77	117600	1.05						
	34	24900	42.89	117600	1.30						
	40	21200	36.61	116700	1.50	K	167	DV	280M4	1620	519
	46	18700	32.25	115500	1.70	KH	167	DV	280M4	1580	520
	51	16700	28.77	114200	1.90						
	60	14200	24.52	111900	2.2						
	73	11700	20.32	108800	2.7						
	85	10000	17.34	106000	3.2						
	39	22000	38.02	52700	0.80						
	62	13900	23.95	57500	1.30	K	157	DV	280M4	1230	514
	69	12300	21.31	57900	1.45	KF	157	DV	280M4	1310	515
	81	10600	18.37	57900	1.70	KA	157	DV	280M4	1190	516
	99	8660	14.92	57400	2.1	KAF	157	DV	280M4	1250	515
	117	7340	12.65	56600	2.3						
62	13800	23.91	36400	0.95							
70	12200	21.15	37800	1.05							
83	10300	17.77	39200	1.25	K	127	DV	280M4	990	509	
103	8330	14.35	40200	1.45	KF	127	DV	280M4	1040	510	
116	7420	12.79	37600	1.15	KA	127	DV	280M4	970	511	
138	6230	10.74	38000	1.30	KAF	127	DV	280M4	1000	510	
171	5030	8.68	38000	1.45							
110	17	62300	88.00	135900	0.80						
	20	52400	73.96	139500	0.95						
	23	45300	64.04	141000	1.10	K	187	DRS	315K4	2450	521
	28	37800	53.36	141500	1.30	KH	187	DRS	315K4	2380	522
	33	32200	45.50*	140800	1.55						
	35	30100	42.51	140200	1.65	K	187	DRS	315K4/ERF/NS	2450	521
						KH	187	DRS	315K4/ERF/NS	2380	522
	38	27300	38.57	139200	1.85	K	187	DRS	315K4	2450	521
	45	23500	33.23	137100	2.1	KH	187	DRS	315K4	2380	522
	53	19700	27.92	134100	2.5						
	29	36600	51.77	105400	0.85	K	167	DRS	315K4	1870	519
	35	30400	42.89	107500	1.05	KH	167	DRS	315K4	1830	520
	40	25900	36.61	108100	1.25						
	46	22800	32.25	107900	1.40	K	167	DRS	315K4/ERF/NS	1870	519
						KH	167	DRS	315K4/ERF/NS	1830	520
	52	20300	28.77	107400	1.55						
	60	17300	24.52	106100	1.85	K	167	DRS	315K4	1870	519
	73	14400	20.32	104000	2.2	KH	167	DRS	315K4	1830	520
	85	12200	17.34	101800	2.6						
	62	16900	23.95	50800	1.05	K	157	DRS	315K4/ERF/NS	1470	514
						KF	157	DRS	315K4/ERF/NS	1550	515
						KA	157	DRS	315K4/ERF/NS	1440	516
						KAF	157	DRS	315K4/ERF/NS	1500	515
	70	15100	21.31	51800	1.20	K	157	DRS	315K4	1470	514
81	13000	18.37	52700	1.40	KF	157	DRS	315K4	1550	515	
99	10500	14.92	53200	1.70	KA	157	DRS	315K4	1440	516	
117	8970	12.65	53000	1.90	KAF	157	DRS	315K4	1500	515	



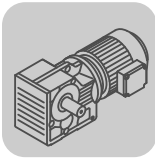
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
						K	KH	DRS	315S4		
132	20	62900	73.96	123200	0.80	K	187	DRS	315S4	2530	521
						KH	187	DRS	315S4	2460	522
	23	54500	64.04	127000	0.90	K	187	DRS	315S4	2530	521
		45400	53.36	129800	1.10	KH	187	DRS	315S4	2460	522
	33	38700	45.50*	130800	1.30	K	187	DRS	315S4	2530	521
						KH	187	DRS	315S4	2460	522
	35	36200	42.51	130900	1.40	K	187	DRS	315S4/ERF/NS	2530	521
		32800	38.57	130700	1.50	KH	187	DRS	315S4/ERF/NS	2460	522
	45	28200	33.23	129800	1.75	K	187	DRS	315S4	2530	521
		53	23700	27.92	128000	2.1	KH	187	DRS	315S4	2460
	61	20500	24.18	125900	2.3	K	187	DRS	315S4	2530	521
		73	17100	20.15	122800	2.6	KH	187	DRS	315S4	2460
	86	14600	17.18	119800	2.8	K	187	DRS	315S4	2530	521
						KH	187	DRS	315S4	2460	522
	34	36500	42.89	96300	0.90	K	167	DRS	315S4	1950	519
		40	31100	36.61	98500	1.05	KH	167	DRS	315S4	1910
	46	27400	32.25	99500	1.15	K	167	DRS	315S4/ERF/NS	1950	519
		51	24500	28.77	99900	1.30	KH	167	DRS	315S4/ERF/NS	1910
	60	20800	24.52	99800	1.55	K	167	DRS	315S4	1950	519
		73	17300	20.32	98800	1.85	KH	167	DRS	315S4	1910
85	14700	17.34	97300	2.2	K	167	DRS	315S4	1950	519	
					KH	167	DRS	315S4	1910	520	
62	20300	23.95	43300	0.90	K	157	DRS	315S4/ERF/NS	1550	514	
	69	18100	21.31	45200	1.00	KF	157	DRS	315S4/ERF/NS	1630	515
81	15600	18.37	47000	1.15	KA	157	DRS	315S4/ERF/NS	1520	516	
	99	12700	14.92	48500	1.40	KAF	157	DRS	315S4/ERF/NS	1580	515
117	10700	12.65	49100	1.60	K	157	DRS	315S4	1550	514	
					KF	157	DRS	315S4	1630	515	
160	28	54900	53.36	114900	0.90	KA	157	DRS	315S4	1520	516
	33	46800	45.50*	118100	1.05	KAF	157	DRS	315S4	1580	515
45	34200	33.23	120500	1.45	K	157	DRS	315M4	1710	514	
	53	28700	27.92	120100	1.75	KH	157	DRS	315M4	1790	515
61	24900	24.18	119200	1.90	K	157	DRS	315M4	1680	516	
	74	20700	20.15	117200	2.1	KH	157	DRS	315M4	1730	515
86	17600	17.18	114900	2.3	K	157	DRS	315M4	1710	514	
					KH	157	DRS	315M4	1790	515	
41	37700	36.61	86500	0.85	K	167	DRS	315M4	2110	519	
	60	25200	24.52	91700	1.25	KH	167	DRS	315M4	2070	520
73	20900	20.32	92000	1.55	K	167	DRS	315M4	2110	519	
	86	17800	17.34	91600	1.80	KH	167	DRS	315M4	2070	520
81	18900	18.37	39800	0.95	K	157	DRS	315M4	1710	514	
	99	15300	14.92	42600	1.15	KF	157	DRS	315M4	1790	515
117	13000	12.65	44100	1.30	KA	157	DRS	315M4	1680	516	
					KAF	157	DRS	315M4	1730	515	
200	33	58600	45.50*	99900	0.85	K	187	DRS	315L4	2770	521
						KH	187	DRS	315L4	2700	522
	45	42800	33.23	107300	1.15	K	187	DRS	315L4/ERF/NS	2770	521
						KH	187	DRS	315L4/ERF/NS	2700	522
	53	36000	27.92	109000	1.40	K	187	DRS	315L4	2770	521
		61	31100	24.18	109500	1.55	KH	187	DRS	315L4	2700
	74	25900	20.15	109200	1.70	K	187	DRS	315L4	2770	521
		86	22100	17.18	108100	1.85	KH	187	DRS	315L4	2700
	60	31600	24.52	80100	1.00	K	167	DRS	315L4/ERF/NS	2190	519
						KH	167	DRS	315L4/ERF/NS	2150	520
	73	26200	20.32	82400	1.20	K	167	DRS	315L4	2190	519
		85	22300	17.34	83400	1.45	KH	167	DRS	315L4	2150
	99	19200	14.92	34200	0.95	K	157	DRS	315L4	1790	514
		117	16300	12.65	36900	1.05	KF	157	DRS	315L4	1870
						KA	157	DRS	315L4	1760	516
						KAF	157	DRS	315L4	1810	515


11.4 K..R..DRS [Nm]

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
200	0.20	6832	5640							
	0.23	5922	5640							
	0.25	5491	5640							
	0.29	4759	5640							
	0.33	4160	5640							
	0.38	3645	5640							
	0.43	3205	5640		K	37R17	DR	63S4	19	523
	0.49	2801	5640		KF	37R17	DR	63S4	22	523
	0.56	2454	5640		KA	37R17	DR	63S4	19	523
	0.64	2166	5640		KAF	37R17	DR	63S4	21	523
	0.73	1891	5640							
	0.83	1660	5640							
	0.94	1466	5640							
	1.1	1288	5640							
	1.2	1136	5640							
	1.4	996	5640							
	1.6	876	5640							
	1.8	761	5640							
	2.1	671	5640		K	37R17	DR	63S4	19	523
	2.4	585	5640		KF	37R17	DR	63S4	21	523
	2.7	512	5640		KA	37R17	DR	63S4	19	523
	3.1	451	5640		KAF	37R17	DR	63S4	20	523
	3.5	396	5640							
	4.0	346	5640							
	4.5	304	5640							
	4.9	267	5640		K	37R17	DR	63M4	19	523
	5.6	234	5640		KF	37R17	DR	63M4	21	523
	6.4	205	5640		KA	37R17	DR	63M4	19	523
	7.3	181	5640		KAF	37R17	DR	63M4	20	523
	8.1	160	5640		K	37R17	DR	63L4	20	523
	9.5	136	5640		KF	37R17	DR	63L4	22	523
	10	127	5640		KA	37R17	DR	63L4	19	523
					KAF	37R17	DR	63L4	21	523
	12	110	5640		K	37R17	DRS	71S4	21	523
					KF	37R17	DRS	71S4	24	523
	14	96	5640		KA	37R17	DRS	71S4	21	523
				KAF	37R17	DRS	71S4	23	523	
400	0.14	10138	5920							
	0.16	8534	5920							
	0.18	7662	5920							
	0.20	6826	5920							
	0.23	5983	5920							
	0.27	5159	5920							
	0.30	4601	5920		K	47R37	DR	63S4	34	523
	0.35	3940	5920		KF	47R37	DR	63S4	37	523
	0.40	3477	5920		KA	47R37	DR	63S4	33	523
	0.45	3043	5920		KAF	47R37	DR	63S4	36	523
	0.51	2733	5920							
	0.59	2354	5920							
	0.67	2063	5920							
	0.76	1819	5920							
	0.87	1586	5920							
	0.99	1388	5920							
	1.1	1222	5920							
	1.3	1097	5920		K	47R37	DR	63S4	33	523
	1.5	945	5920		KF	47R37	DR	63S4	36	523
	1.7	831	5920		KA	47R37	DR	63S4	32	523
	1.9	718	5920		KAF	47R37	DR	63S4	35	523
	2.2	639	5920							
	2.4	552	5920		K	47R37	DR	63M4	33	523
	2.7	495	5920		KF	47R37	DR	63M4	36	523
	3.1	426	5920		KA	47R37	DR	63M4	32	523
	3.5	375	5920		KAF	47R37	DR	63M4	35	523
	4.0	327	5920		K	47R37	DR	63L4	34	523
	4.5	289	5920		KF	47R37	DR	63L4	37	523
	5.1	256	5920		KA	47R37	DR	63L4	33	523
					KAF	47R37	DR	63L4	36	523



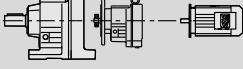

$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
400	6.2 7.0	225 198	5920 5920	K	47R37	DRS	71S4	36	523
				KF	47R37	DRS	71S4	39	523
				KA	47R37	DRS	71S4	35	523
				KAF	47R37	DRS	71S4	38	523
	8.1 9.0 11	171 153 131	5920 5920 5920	K	47R37	DRS	71M4	37	523
				KF	47R37	DRS	71M4	40	523
				KA	47R37	DRS	71M4	36	523
				KAF	47R37	DRS	71M4	39	523
	600	0.11	12169	7630					
		0.12	11162	7630					
		0.15	9503	7630					
		0.16	8547	7630					
0.19		7277	7630						
0.21		6478	7630						
0.24		5662	7630	K	57R37	DR	63S4	39	523
0.27		5033	7630	KF	57R37	DR	63S4	44	523
0.32		4340	7630	KA	57R37	DR	63S4	37	523
0.36		3854	7630	KAF	57R37	DR	63S4	43	523
0.41		3390	7630						
0.47		2924	7630						
0.53		2593	7630						
0.61		2249	7630						
0.70		1986	7630						
0.79		1743	7630						
0.90		1539	7630	K	57R37	DR	63S4	39	523
1.0		1354	7630	KF	57R37	DR	63S4	44	523
1.2		1174	7630	KA	57R37	DR	63S4	37	523
1.3		1036	7630	KAF	57R37	DR	63S4	43	523
1.5		906	7630						
1.6		806	7630	K	57R37	DR	63M4	39	523
1.9		699	7630	KF	57R37	DR	63M4	44	523
2.2		615	7630	KA	57R37	DR	63M4	37	523
				KAF	57R37	DR	63M4	43	523
2.4		544	7630	K	57R37	DR	63L4	40	523
2.8		473	7630	KF	57R37	DR	63L4	45	523
3.1		421	7630	KA	57R37	DR	63L4	38	523
				KAF	57R37	DR	63L4	43	523
3.8		362	7630	K	57R37	DRS	71S4	42	523
4.3		319	7630	KF	57R37	DRS	71S4	47	523
4.9		280	7630	KA	57R37	DRS	71S4	40	523
				KAF	57R37	DRS	71S4	45	523
5.6		246	7630	K	57R37	DRS	71M4	43	523
6.4		215	7630	KF	57R37	DRS	71M4	48	523
7.2		192	7630	KA	57R37	DRS	71M4	41	523
				KAF	57R37	DRS	71M4	47	523
8.4		166	7630	K	57R37	DRS	80S4	45	523
9.7		145	7630	KF	57R37	DRS	80S4	50	523
11		129	7630	KA	57R37	DRS	80S4	43	523
				KAF	57R37	DRS	80S4	49	523
13		111	7630	K	57R37	DRS	80M4	48	523
14		97	7630	KF	57R37	DRS	80M4	53	523
				KA	57R37	DRS	80M4	46	523
				KAF	57R37	DRS	80M4	51	523
820		0.11	12139	10300					
		0.12	11134	10300					
		0.15	9479	10300					
		0.17	8173	10300					
		0.19	7259	10300					
		0.21	6462	10300					
		0.24	5648	10300	K	67R37	DR	63S4	45
	0.28	4846	10300	KF	67R37	DR	63S4	51	523
	0.32	4329	10300	KA	67R37	DR	63S4	43	523
	0.37	3750	10300	KAF	67R37	DR	63S4	48	523
	0.42	3315	10300						
	0.47	2917	10300						
	0.55	2532	10300						
	0.62	2244	10300						
	0.70	1981	10300						

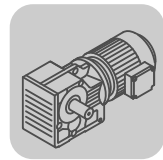


K..DRS
K..R..DRS [Nm]

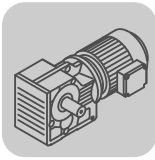


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$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
820	0.79	1739	10300	K	67R37	DR	63S4	45	523	
	0.90	1535	10300	KF	67R37	DR	63S4	51	523	
	1.0	1351	10300	KA	67R37	DR	63S4	42	523	
	1.2	1171	10300	KAF	67R37	DR	63S4	48	523	
	1.3	1034	10300	K	67R37	DR	63M4	45	523	
	1.5	903	10300	KF	67R37	DR	63M4	51	523	
	1.7	793	10300	KA	67R37	DR	63M4	42	523	
	1.9	697	10300	KAF	67R37	DR	63M4	48	523	
	2.1	613	10300	K	67R37	DR	63L4	46	523	
	2.4	542	10300	KF	67R37	DR	63L4	51	523	
	2.9	471	10300	KA	67R37	DR	63L4	43	523	
	3.3	420	10300	KAF	67R37	DR	63L4	49	523	
	3.8	361	10300	K	67R37	DRS	71S4	48	523	
	4.3	323	10300	KF	67R37	DRS	71S4	53	523	
	5.0	279	10300	KA	67R37	DRS	71S4	45	523	
	5.6	246	10300	KAF	67R37	DRS	71S4	51	523	
	6.4	217	10300	K	67R37	DRS	71M4	49	523	
	7.3	191	10300	KF	67R37	DRS	71M4	54	523	
				KA	67R37	DRS	71M4	46	523	
				KAF	67R37	DRS	71M4	52	523	
				K	67R37	DRS	80S4	51	523	
				KF	67R37	DRS	80S4	57	523	
				KA	67R37	DRS	80S4	48	523	
				KAF	67R37	DRS	80S4	54	523	
	1550	0.09	15310	15400						
		0.10	14043	15400						
		0.12	11955	15400						
		0.14	10217	15400						
		0.16	8809	15400						
		0.18	7528	15400	K	77R37	DR	63S4	69	523
		0.21	6606	15400	KF	77R37	DR	63S4	78	523
		0.24	5774	15400	KA	77R37	DR	63S4	62	523
		0.27	5089	15400	KAF	77R37	DR	63S4	70	523
		0.31	4489	15400						
		0.35	3961	15400						
		0.40	3485	15400						
0.48		2901	15400							
0.51		2717	15400							
0.56		2370	15400	K	77R37	DR	63M4	69	523	
				KF	77R37	DR	63M4	78	523	
				KA	77R37	DR	63M4	62	523	
				KAF	77R37	DR	63M4	70	523	
0.64		2050	15400	K	77R37	DR	63M4	69	523	
0.75		1772	15400	KF	77R37	DR	63M4	77	523	
0.87		1514	15400	KA	77R37	DR	63M4	62	523	
0.95		1388	15400	KAF	77R37	DR	63M4	70	523	
1.1		1218	15400	K	77R37	DR	63L4	70	523	
1.2		1053	15400	KF	77R37	DR	63L4	78	523	
				KA	77R37	DR	63L4	62	523	
				KAF	77R37	DR	63L4	70	523	
1.5		924	15400	K	77R37	DRS	71S4	72	523	
1.7		815	15400	KF	77R37	DRS	71S4	80	523	
2.0		709	15400	KA	77R37	DRS	71S4	64	523	
				KAF	77R37	DRS	71S4	72	523	
2.2		622	15400	K	77R37	DRS	71M4	73	523	
2.5		552	15400	KF	77R37	DRS	71M4	81	523	
2.8		485	15400	KA	77R37	DRS	71M4	65	523	
				KAF	77R37	DRS	71M4	73	523	
3.3		428	15400	K	77R37	DRS	80S4	75	523	
3.8		367	15400	KF	77R37	DRS	80S4	83	523	
			KA	77R37	DRS	80S4	68	523		
			KAF	77R37	DRS	80S4	76	523		
4.3	328	15400	K	77R37	DRS	80M4	78	523		
4.9	290	15400	KF	77R37	DRS	80M4	86	523		
5.6	252	15400	KA	77R37	DRS	80M4	70	523		
			KAF	77R37	DRS	80M4	78	523		

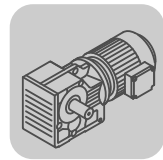


$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
2700	0.09	14829	27300						
	0.10	13168	27300						
	0.12	11737	27300						
	0.14	10217	27300						
	0.15	9073	27300	K	87R57	DR	63S4	120	523
	0.18	7854	27300	KF	87R57	DR	63S4	130	523
	0.20	6832	27300	KA	87R57	DR	63S4	105	523
	0.23	5930	27300	KAF	87R57	DR	63S4	120	523
	0.26	5240	27300						
	0.30	4562	27300						
	0.33	4037	27300	K	87R57	DR	63M4	120	523
	0.37	3609	27300	KF	87R57	DR	63M4	130	523
	0.42	3107	27300	KA	87R57	DR	63M4	105	523
	0.48	2728	27300	KAF	87R57	DR	63M4	120	523
	0.55	2371	27300	K	87R57	DR	63L4	120	523
				KF	87R57	DR	63L4	130	523
				KA	87R57	DR	63L4	105	523
				KAF	87R57	DR	63L4	120	523
	0.62	2088	27300	K	87R57	DR	63L4	120	523
	0.70	1854	27300	KF	87R57	DR	63L4	125	523
				KA	87R57	DR	63L4	105	523
				KAF	87R57	DR	63L4	120	523
	0.83	1657	27300	K	87R57	DRS	71S4	120	523
	0.97	1415	27300	KF	87R57	DRS	71S4	130	523
	1.1	1229	27300	KA	87R57	DRS	71S4	110	523
				KAF	87R57	DRS	71S4	120	523
	1.3	1078	27300	K	87R57	DRS	71M4	120	523
	1.4	951	27300	KF	87R57	DRS	71M4	130	523
	1.6	837	27300	KA	87R57	DRS	71M4	110	523
				KAF	87R57	DRS	71M4	120	523
	1.9	726	27300	K	87R57	DRS	80S4	125	523
	2.2	638	27300	KF	87R57	DRS	80S4	135	523
				KA	87R57	DRS	80S4	110	523
				KAF	87R57	DRS	80S4	125	523
	2.5	562	27300	K	87R57	DRS	80M4	125	523
	3.0	474	27300	KF	87R57	DRS	80M4	135	523
	3.3	426	27300	KA	87R57	DRS	80M4	115	523
				KAF	87R57	DRS	80M4	125	523
	3.7	373	27300	K	87R57	DRS	90M4	130	523
	4.2	330	27300	KF	87R57	DRS	90M4	140	523
	4.8	294	27300	KA	87R57	DRS	90M4	120	523
				KAF	87R57	DRS	90M4	130	523
	5.6	250	27300	K	87R57	DRS	90L4	135	523
	5.9	236	27300	KF	87R57	DRS	90L4	145	523
7.0	201	27300	KA	87R57	DRS	90L4	120	523	
			KAF	87R57	DRS	90L4	135	523	
4300	0.08	18091	40000						
	0.08	16666	40000						
	0.09	14897	40000						
	0.10	13182	40000						
	0.12	11677	40000						
	0.13	10317	40000						
	0.15	9083	40000						
	0.17	8054	40000						
	0.20	6970	40000						
	0.22	6027	40000	K	97R57	DR	63M4	180	523
	0.24	5391	40000	KF	97R57	DR	63M4	200	523
	0.28	4669	40000	KA	97R57	DR	63M4	160	523
	0.32	4082	40000	KAF	97R57	DR	63M4	185	523
	0.36	3583	40000	K	97R57	DR	63L4	180	523
	0.42	3108	40000	KF	97R57	DR	63L4	200	523
	0.47	2757	40000	KA	97R57	DR	63L4	160	523
				KAF	97R57	DR	63L4	185	523
	0.57	2419	40000	K	97R57	DRS	71S4	180	523
	0.65	2123	40000	KF	97R57	DRS	71S4	200	523
				KA	97R57	DRS	71S4	160	523
			KAF	97R57	DRS	71S4	185	523	

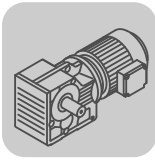

K..DRS
K..R..DRS [Nm]


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$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
4300	0.74 0.85 0.96 1.1	1856	40000	K	97R57	DRS	71M4	180	523	
		1625	40000	KF	97R57	DRS	71M4	200	523	
		1430	40000	KA	97R57	DRS	71M4	165	523	
		1261	40000	KAF	97R57	DRS	71M4	190	523	
	1.3 1.5	1102	40000	K	97R57	DRS	80S4	185	523	
		957	40000	KF	97R57	DRS	80S4	205	523	
				KA	97R57	DRS	80S4	165	523	
				KAF	97R57	DRS	80S4	190	523	
	1.6 1.9 2.2	855	40000	K	97R57	DRS	80M4	185	523	
		743	40000	KF	97R57	DRS	80M4	205	523	
		652	40000	KA	97R57	DRS	80M4	170	523	
				KAF	97R57	DRS	80M4	195	523	
	2.4 2.8	573	40000	K	97R57	DRS	90M4	190	523	
		504	40000	KF	97R57	DRS	90M4	210	523	
				KA	97R57	DRS	90M4	175	523	
				KAF	97R57	DRS	90M4	200	523	
	3.2 3.7 4.1	437	40000	K	97R57	DRS	90L4	195	523	
		382	40000	KF	97R57	DRS	90L4	215	523	
		342	40000	KA	97R57	DRS	90L4	175	523	
				KAF	97R57	DRS	90L4	200	523	
	4.6 5.4 6.0	305	40000	K	97R57	DRS	100M4	200	523	
		258	40000	KF	97R57	DRS	100M4	220	523	
		232	40000	KA	97R57	DRS	100M4	180	523	
				KAF	97R57	DRS	100M4	205	523	
	7.2	199	40000	K	97R57	DRS	100LC4	205	523	
				KF	97R57	DRS	100LC4	225	523	
				KA	97R57	DRS	100LC4	185	523	
				KAF	97R57	DRS	100LC4	210	523	
	8000	0.10	14311	65000	K	107R77	DR	63S4	310	523
					KF	107R77	DR	63S4	320	523
					KA	107R77	DR	63S4	280	523
					KAF	107R77	DR	63S4	305	523
		0.11 0.12 0.14 0.16	12211	65000	K	107R77	DR	63M4	310	523
			10677	65000	KF	107R77	DR	63M4	320	523
			9524	65000	KA	107R77	DR	63M4	280	523
			8328	65000	KAF	107R77	DR	63M4	305	523
0.18 0.21 0.23		7270	65000	K	107R77	DR	63L4	310	523	
		6184	65000	KF	107R77	DR	63L4	320	523	
		5662	65000	KA	107R77	DR	63L4	285	523	
				KAF	107R77	DR	63L4	305	523	
0.27 0.32 0.36		5138	65000	K	107R77	DRS	71S4	310	523	
		4359	65000	KF	107R77	DRS	71S4	325	523	
		3810	65000	KA	107R77	DRS	71S4	285	523	
				KAF	107R77	DRS	71S4	310	523	
0.41 0.46 0.53		3358	65000	K	107R77	DRS	71M4	315	523	
		2977	65000	KF	107R77	DRS	71M4	325	523	
		2599	65000	KA	107R77	DRS	71M4	285	523	
				KAF	107R77	DRS	71M4	310	523	
0.61 0.72		2286	65000	K	107R77	DRS	80S4	315	523	
		1939	65000	KF	107R77	DRS	80S4	330	523	
				KA	107R77	DRS	80S4	290	523	
				KAF	107R77	DRS	80S4	310	523	
0.82 0.91 1.1		1713	65000	K	107R77	DRS	80M4	315	523	
		1554	65000	KF	107R77	DRS	80M4	330	523	
		1336	65000	KA	107R77	DRS	80M4	290	523	
				KAF	107R77	DRS	80M4	315	523	
1.2 1.4 1.5		1166	65000	K	107R77	DRS	90M4	320	523	
		1030	65000	KF	107R77	DRS	90M4	335	523	
		904	65000	KA	107R77	DRS	90M4	295	523	
				KAF	107R77	DRS	90M4	320	523	
1.8 2.0 2.3		793	65000	K	107R77	DRS	90L4	325	523	
		696	65000	KF	107R77	DRS	90L4	335	523	
		615	65000	KA	107R77	DRS	90L4	295	523	
				KAF	107R77	DRS	90L4	320	523	
2.7 3.0		522	65000	K	107R77	DRS	100M4	330	523	
		461	65000	KF	107R77	DRS	100M4	340	523	
				KA	107R77	DRS	100M4	300	523	
				KAF	107R77	DRS	100M4	325	523	



$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
8000	3.5 4.0	408	65000	K	107R77	DRS	100LC4	335	523	
		KF	107R77	DRS	100LC4	345	523			
		KA	107R77	DRS	100LC4	305	523			
		KAF	107R77	DRS	100LC4	330	523			
	4.6 5.0 5.8	318	65000	K	107R77	DRS	132S4	345	523	
		KF	107R77	DRS	132S4	360	523			
		KA	107R77	DRS	132S4	320	523			
		KAF	107R77	DRS	132S4	345	523			
	13000	0.08 0.08 0.09 0.11	17550	79200	K	127R77	DR	63M4	470	523
			KF	127R77	DR	63M4	510	523		
			KA	127R77	DR	63M4	440	523		
			KAF	127R77	DR	63M4	480	523		
0.12 0.13 0.15		10915	79200	K	127R77	DR	63L4	470	523	
		KF	127R77	DR	63L4	510	523			
		KA	127R77	DR	63L4	440	523			
		KAF	127R77	DR	63L4	480	523			
0.18 0.21		7482	79200	K	127R77	DRS	71S4	470	523	
		KF	127R77	DRS	71S4	510	523			
		KA	127R77	DRS	71S4	445	523			
		KAF	127R77	DRS	71S4	480	523			
0.24 0.27 0.31		5804	79200	K	127R77	DRS	71M4	475	523	
		KF	127R77	DRS	71M4	520	523			
		KA	127R77	DRS	71M4	445	523			
		KAF	127R77	DRS	71M4	485	523			
0.36 0.42 0.47		3889	79200	K	127R77	DRS	80S4	475	523	
		KF	127R77	DRS	80S4	520	523			
		KA	127R77	DRS	80S4	450	523			
		KAF	127R77	DRS	80S4	485	523			
0.54 0.62		2607	79200	K	127R77	DRS	80M4	480	523	
		KF	127R77	DRS	80M4	520	523			
		KA	127R77	DRS	80M4	450	523			
		KAF	127R77	DRS	80M4	490	523			
0.73		1926	79200	K	127R77	DRS	80M4	480	523	
				KF	127R77	DRS	80M4	520	523	
				KA	127R77	DRS	80M4	450	523	
				KAF	127R77	DRS	80M4	485	523	
0.79 0.90		1757 1541	79200	K	127R77	DRS	90M4	480	523	
				KF	127R77	DRS	90M4	520	523	
				KA	127R77	DRS	90M4	455	523	
				KAF	127R77	DRS	90M4	490	523	
1.0 1.2 1.4		1342 1177 1025	79200	K	127R77	DRS	90L4	485	523	
				KF	127R77	DRS	90L4	530	523	
				KA	127R77	DRS	90L4	455	523	
				KAF	127R77	DRS	90L4	495	523	
1.6 1.8 2.0		899 790 704	79200	K	127R77	DRS	100M4	490	523	
				KF	127R77	DRS	100M4	530	523	
				KA	127R77	DRS	100M4	460	523	
				KAF	127R77	DRS	100M4	500	523	
2.4 2.6		610 549	79200	K	127R77	DRS	100LC4	495	523	
				KF	127R77	DRS	100LC4	540	523	
				KA	127R77	DRS	100LC4	465	523	
				KAF	127R77	DRS	100LC4	500	523	
3.0 3.4		477 418	79200	K	127R77	DRS	132S4	510	523	
				KF	127R77	DRS	132S4	550	523	
				KA	127R77	DRS	132S4	480	523	
				KAF	127R77	DRS	132S4	520	523	
2.7 3.0 3.5		536 473 418	79200	K	127R87	DRS	132S4	530	523	
				KF	127R87	DRS	132S4	570	523	
				KA	127R87	DRS	132S4	500	523	
				KAF	127R87	DRS	132S4	540	523	
3.9 4.4 5.0		367 330 287	79200	K	127R87	DRS	132M4	540	523	
				KF	127R87	DRS	132M4	580	523	
	KA			127R87	DRS	132M4	510	523		
	KAF			127R87	DRS	132M4	550	523		
5.8	253	79200	K	127R87	DRS	132MC4	540	523		
			KF	127R87	DRS	132MC4	590	523		
			KA	127R87	DRS	132MC4	520	523		
			KAF	127R87	DRS	132MC4	550	523		

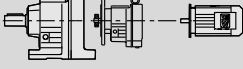



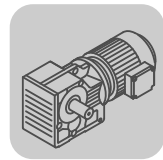
K..DRS

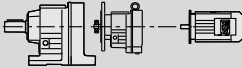

K..R..DRS [Nm]

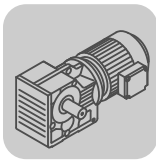


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$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]		
18000	0.08	17679	112200							
	0.09	15729	112200							
	0.09	14721	112200	K	157R97	DRS	71M4	790	523	
	0.11	13097	112200	KF	157R97	DRS	71M4	870	523	
	0.12	11368	112200	KA	157R97	DRS	71M4	750	523	
	0.14	10114	112200	KAF	157R97	DRS	71M4	810	523	
	0.16	8718	112200							
	0.18	7734	112200							
		0.28	5074	112200	K	157R97	DRS	80S4	790	523
		0.31	4514	112200	KF	157R97	DRS	80S4	870	523
					KA	157R97	DRS	80S4	760	523
					KAF	157R97	DRS	80S4	810	523
		0.35	3979	112200	K	157R97	DRS	80M4	800	523
		0.40	3516	112200	KF	157R97	DRS	80M4	870	523
		0.46	3051	112200	KA	157R97	DRS	80M4	760	523
					KAF	157R97	DRS	80M4	820	523
		0.53	2610	112200	K	157R97	DRS	90M4	800	523
		0.60	2322	112200	KF	157R97	DRS	90M4	880	523
					KA	157R97	DRS	90M4	760	523
					KAF	157R97	DRS	90M4	820	523
		0.69	2029	112200	K	157R97	DRS	90L4	800	523
		0.78	1805	112200	KF	157R97	DRS	90L4	880	523
					KA	157R97	DRS	90L4	760	523
					KAF	157R97	DRS	90L4	820	523
		0.84	1659	112200	K	157R97	DRS	90L4	800	523
		1.0	1365	112200	KF	157R97	DRS	90L4	880	523
					KA	157R97	DRS	90L4	760	523
					KAF	157R97	DRS	90L4	820	523
		1.1	1229	112200	K	157R97	DRS	100M4	800	523
		1.3	1093	112200	KF	157R97	DRS	100M4	880	523
					KA	157R97	DRS	100M4	770	523
					KAF	157R97	DRS	100M4	830	523
		1.5	942	112200	K	157R97	DRS	100LC4	810	523
		1.7	854	112200	KF	157R97	DRS	100LC4	890	523
		1.9	756	112200	KA	157R97	DRS	100LC4	770	523
					KAF	157R97	DRS	100LC4	830	523
		2.2	661	112200	K	157R97	DRS	132S4	820	523
		2.6	567	112200	KF	157R97	DRS	132S4	900	523
					KA	157R97	DRS	132S4	780	523
					KAF	157R97	DRS	132S4	840	523
		2.9	504	112200	K	157R97	DRS	132M4	830	523
		3.3	434	112200	KF	157R97	DRS	132M4	910	523
					KA	157R97	DRS	132M4	800	523
					KAF	157R97	DRS	132M4	860	523
		3.9	379	112200	K	157R97	DRS	132MC4	840	523
		4.4	333	112200	KF	157R97	DRS	132MC4	920	523
					KA	157R97	DRS	132MC4	800	523
					KAF	157R97	DRS	132MC4	860	523
	5.0	291	112200	K	157R97	DRS	160M4	860	523	
				KF	157R97	DRS	160M4	940	523	
				KA	157R97	DRS	160M4	820	523	
				KAF	157R97	DRS	160M4	880	523	
	3.8	385	112200	K	157R107	DRS	132MC4	880	523	
				KF	157R107	DRS	132MC4	960	523	
				KA	157R107	DRS	132MC4	850	523	
				KAF	157R107	DRS	132MC4	910	523	
	4.5	325	112200	K	157R107	DRS	160M4	910	523	
	4.9	299	112200	KF	157R107	DRS	160M4	980	523	
				KA	157R107	DRS	160M4	870	523	
				KAF	157R107	DRS	160M4	930	523	
	5.8	253	112200	K	157R107	DRS	160MC4	910	523	
	6.4	230	112200	KF	157R107	DRS	160MC4	990	523	
	6.9	213	112200	KA	157R107	DRS	160MC4	870	523	
				KAF	157R107	DRS	160MC4	930	523	



$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
32000	0.07	19723	150000						
	0.08	17406	150000						
	0.09	15000	150000	K	167R97	DRS	71M4	1180	523
	0.10	13238	150000	KH	167R97	DRS	71M4	1150	523
	0.12	11573	150000						
	0.13	10264	150000						
	0.16	8628	150000	K	167R97	DRS	80S4	1190	523
				KH	167R97	DRS	80S4	1150	523
	0.21	6562	150000	K	167R97	DRS	80M4	1190	523
	0.26	5355	150000	KH	167R97	DRS	80M4	1150	523
	0.29	4788	150000	K	167R97	DRS	90M4	1190	523
	0.34	4079	150000	KH	167R97	DRS	90M4	1150	523
	0.41	3376	150000	K	167R97	DRS	90L4	1190	523
	0.51	2755	150000	KH	167R97	DRS	90L4	1160	523
	0.62	2263	150000	K	167R97	DRS	100M4	1200	523
				KH	167R97	DRS	100M4	1160	523
	0.64	2182	150000	K	167R97	DRS	100M4	1200	523
				KH	167R97	DRS	100M4	1160	523
	0.85	1704	150000	K	167R97	DRS	100LC4	1200	523
	1.0	1408	150000	KH	167R97	DRS	100LC4	1160	523
	1.1	1296	150000	K	167R97	DRS	132S4	1210	523
	1.3	1101	150000	KH	167R97	DRS	132S4	1180	523
	1.5	944	150000						
	1.7	843	150000	K	167R97	DRS	132M4	1230	523
	1.9	757	150000	KH	167R97	DRS	132M4	1190	523
	2.3	632	150000	K	167R97	DRS	132MC4	1230	523
				KH	167R97	DRS	132MC4	1190	523
	2.6	561	150000	K	167R97	DRS	160M4	1250	523
				KH	167R97	DRS	160M4	1210	523
	3.0	481	150000	K	167R97	DRS	160MC4	1260	523
	3.5	423	150000	KH	167R97	DRS	160MC4	1220	523
	4.0	369	150000						
4.6	318	150000	K	167R107	DRS	180M4	1350	523	
			KH	167R107	DRS	180M4	1310	523	
5.3	278	150000	K	167R107	DRS	180L4	1370	523	
6.0	244	150000	KH	167R107	DRS	180L4	1330	523	
6.9	213	150000	K	167R107	DRS	180LC4	1380	523	
7.1	206	150000	KH	167R107	DRS	180LC4	1340	523	
8.2	180	150000							
9.2	160	150000	K	167R107	DRS	225S4	1500	523	
			KH	167R107	DRS	225S4	1460	523	
11	135	150000	K	167R107	DRS	225M4	1520	523	
13	118	150000	KH	167R107	DRS	225M4	1480	523	
50000	0.04	32625	190000						
	0.05	27165	190000						
	0.06	24353	190000	K	187R97	DRS	71M4	1770	523
	0.07	19144	190000	KH	187R97	DRS	71M4	1700	523
	0.08	16978	190000						
	0.10	14272	190000						
	0.11	13116	190000	K	187R97	DRS	80S4	1770	523
	0.12	11647	190000	KH	187R97	DRS	80S4	1700	523
	0.14	10413	190000						
	0.15	9363	190000	K	187R97	DRS	80M4	1770	523
	0.17	8126	190000	KH	187R97	DRS	80M4	1700	523
	0.19	7343	190000						
	0.21	6747	190000	K	187R97	DRS	90M4	1770	523
	0.23	5991	190000	KH	187R97	DRS	90M4	1710	523
	0.26	5358	190000						
	0.29	4817	190000	K	187R97	DRS	90L4	1780	523
0.32	4370	190000	KH	187R97	DRS	90L4	1710	523	
0.39	3609	190000							
0.46	3062	190000	K	187R97	DRS	100M4	1780	523	
			KH	187R97	DRS	100M4	1710	523	
0.57	2519	190000	K	187R97	DRS	100LC4	1780	523	
0.64	2268	190000	KH	187R97	DRS	100LC4	1720	523	



K..DRS

K..R..DRS [Nm]



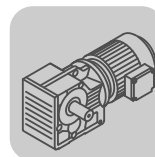
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$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
50000	0.70	2054	190000						
	0.79	1821	190000	K	187R97	DRS	132S4	1800	523
	0.90	1605	190000	KH	187R97	DRS	132S4	1730	523
	1.0	1395	190000	K	187R97	DRS	132M4	1810	523
	1.2	1196	190000	KH	187R97	DRS	132M4	1740	523
	1.4	1046	190000	K	187R97	DRS	132MC4	1810	523
	1.6	945	190000	KH	187R97	DRS	132MC4	1750	523
	2.0	738	190000	K	187R97	DRS	160MC4	1840	523
	2.4	621	190000	KH	187R97	DRS	160MC4	1770	523
	2.8	527	190000	K	187R97	DRS	180M4	1880	523
				KH	187R97	DRS	180M4	1820	523
	1.8	835	190000	K	187R107	DRS	160M4	1880	523
				KH	187R107	DRS	160M4	1810	523
	2.0	729	190000	K	187R107	DRS	160MC4	1890	523
	2.4	622	190000	KH	187R107	DRS	160MC4	1820	523
	2.8	520	190000	K	187R107	DRS	180M4	1930	523
	3.2	454	190000	KH	187R107	DRS	180M4	1860	523
	4.1	355	190000	K	187R107	DRS	180LC4	1960	523
				KH	187R107	DRS	180LC4	1890	523
	5.6	261	190000	K	187R107	DRS	225S4	2080	523
				KH	187R107	DRS	225S4	2010	523
	6.7	221	190000	K	187R107	DRS	225M4	2100	523
	7.6	193	190000	KH	187R107	DRS	225M4	2030	523
	9.0	163	190000	K	187R107	DRS	225MC4	2110	523
			KH	187R107	DRS	225MC4	2050	523	



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K..DRS
K..DRS [mm]

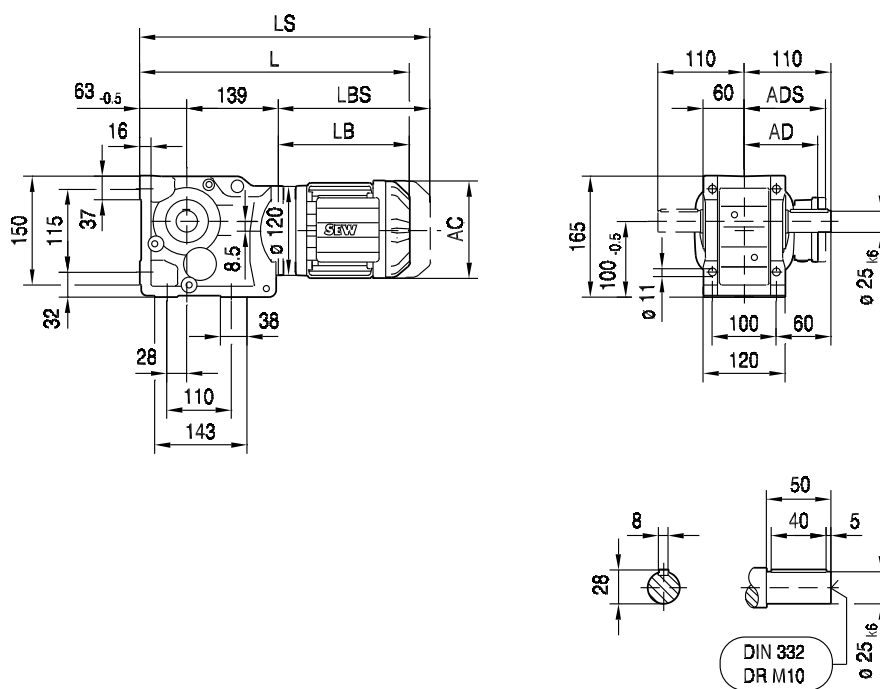


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11.5 K..DRS [mm]

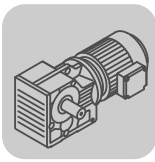
33 078 00 06 ^L

K37..



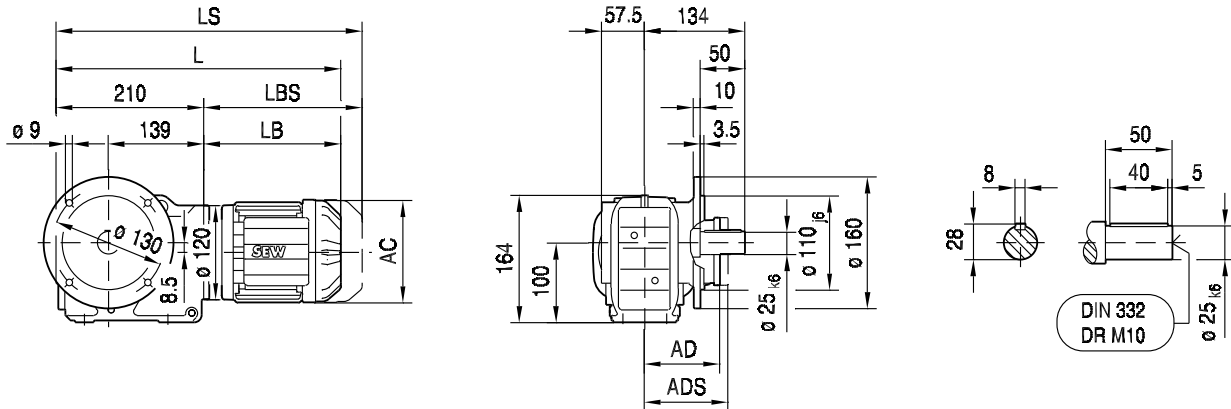
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(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	393	405	430	439	470	474	494	524
LS	448	473	498	520	551	567	587	617
LB	191	203	228	237	268	272	292	322
LBS	246	271	296	318	349	365	385	415

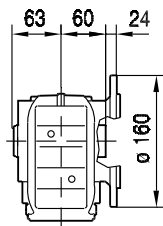


33 079 00 06

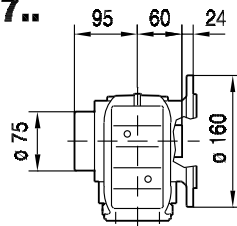
KF37..



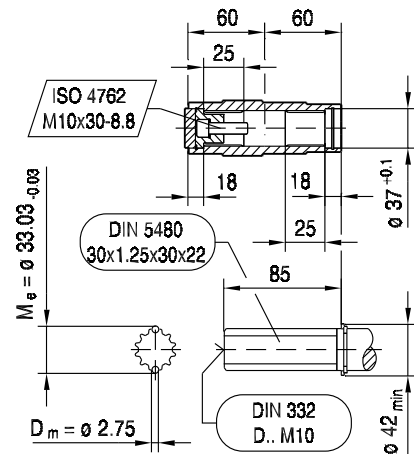
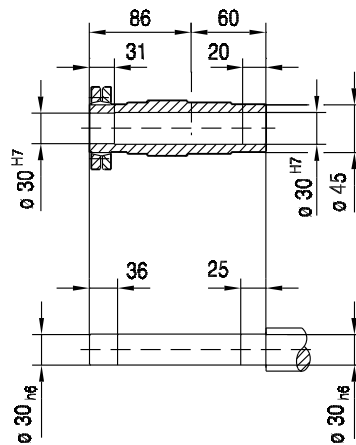
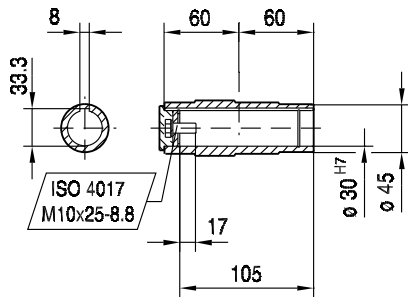
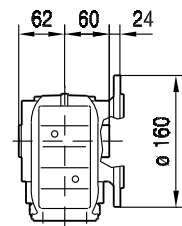
KAF37..



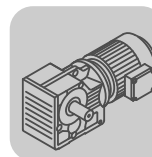
KHF37..



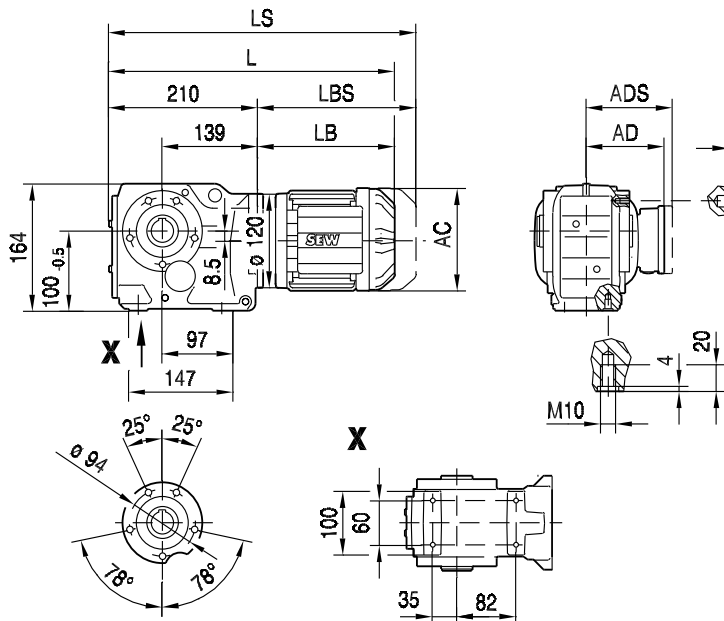
KVF37..



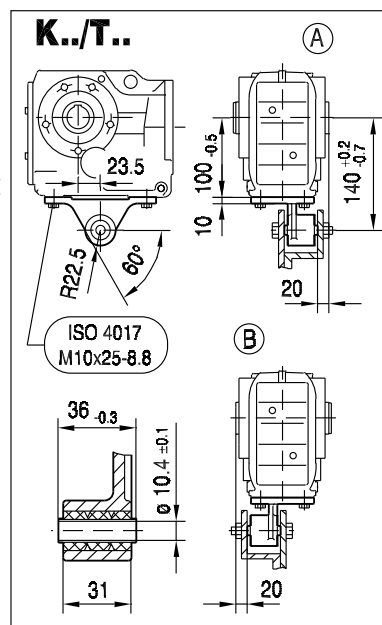
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	401	413	438	447	478	482	502	532
LS	456	481	506	528	559	575	595	625
LB	191	203	228	237	268	272	292	322
LBS	246	271	296	318	349	365	385	415



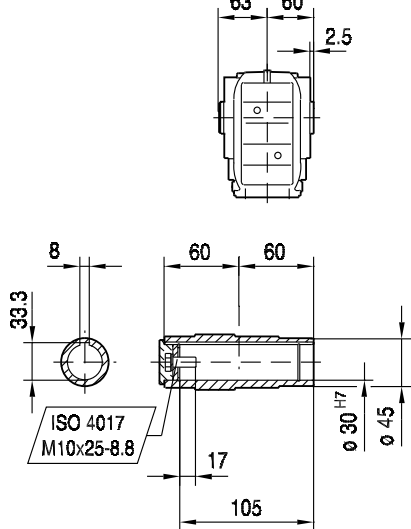
KA37..



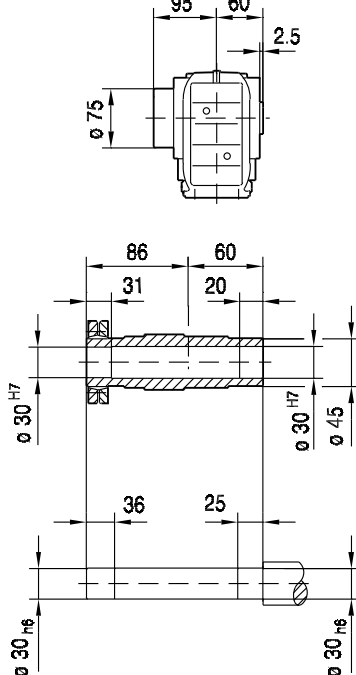
33 080 00 06



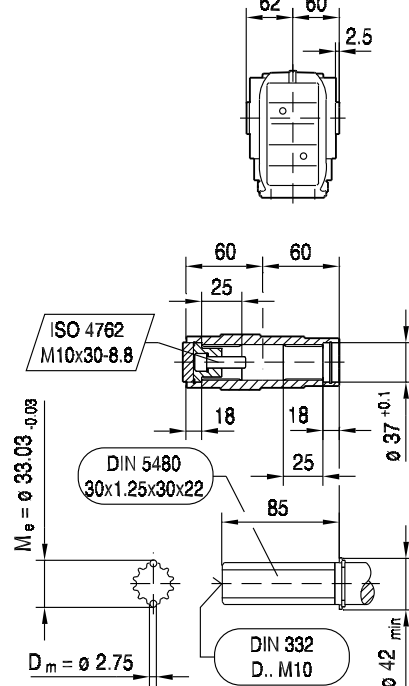
KA37..



KH37..

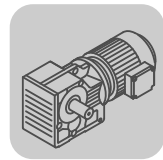


KV37..



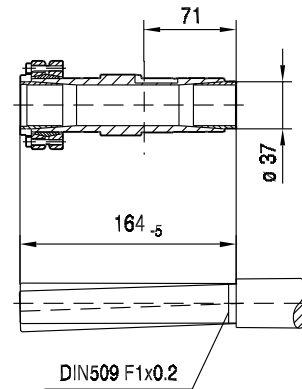
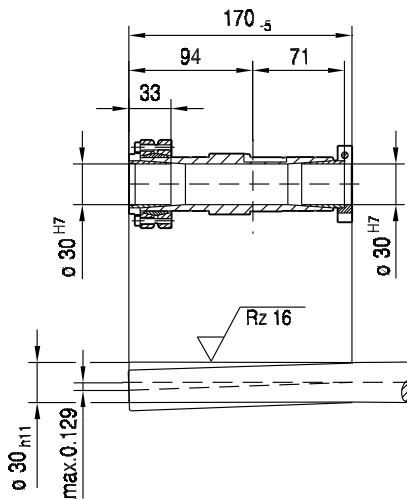
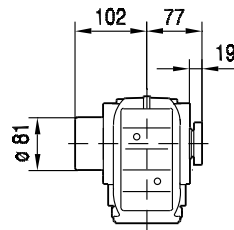
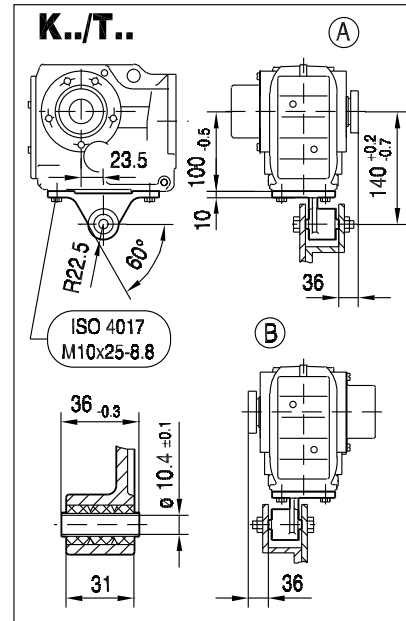
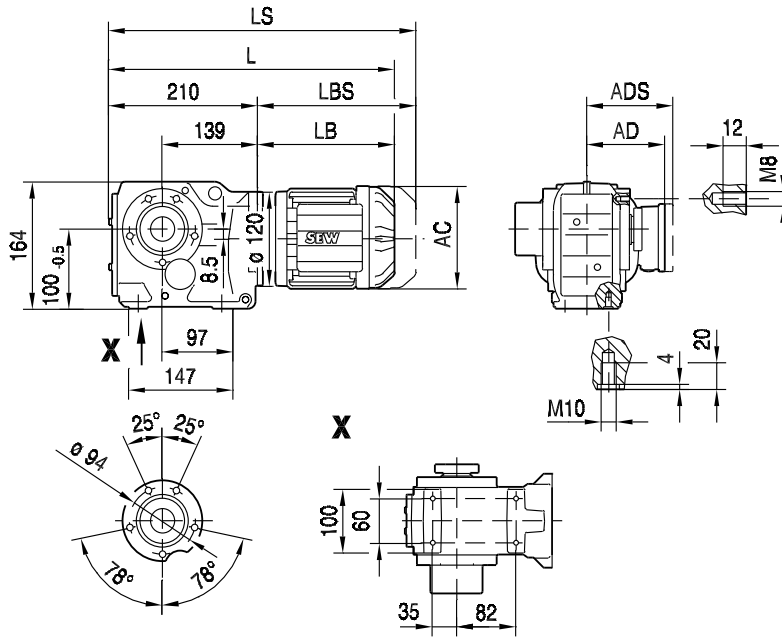
11

(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	401	413	438	447	478	482	502	532
LS	456	481	506	528	559	575	595	625
LB	191	203	228	237	268	272	292	322
LBS	246	271	296	318	349	365	385	415



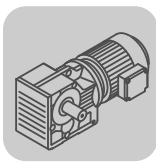
KT37..

33 082 00 06

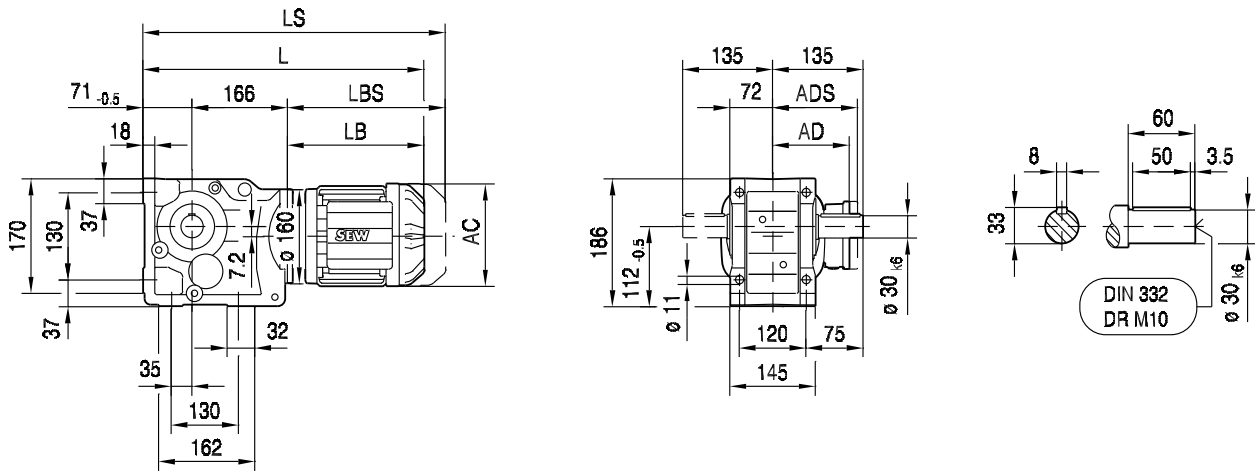


11

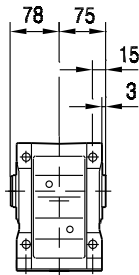
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	401	413	438	447	478	482	502	532
LS	456	481	506	528	559	575	595	625
LB	191	203	228	237	268	272	292	322
LBS	246	271	296	318	349	365	385	415



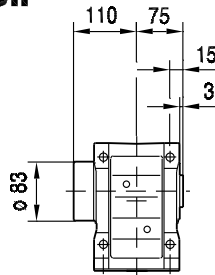
K47..



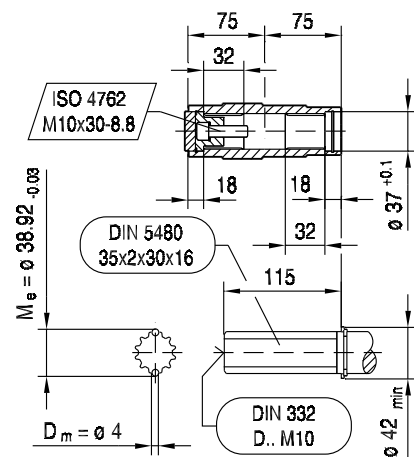
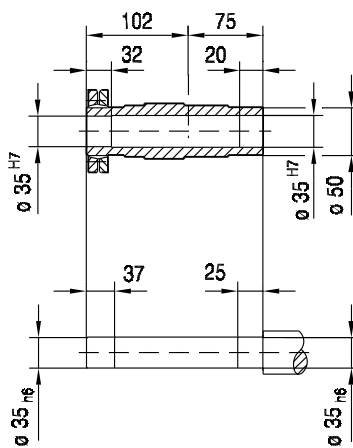
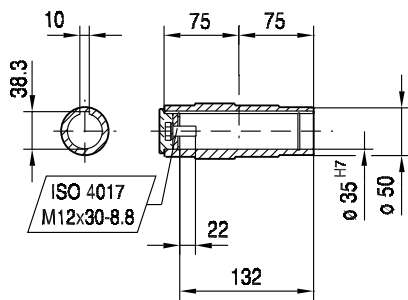
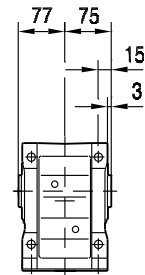
KA47B..



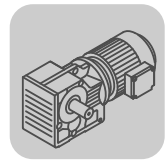
KH47B..



KV47B..

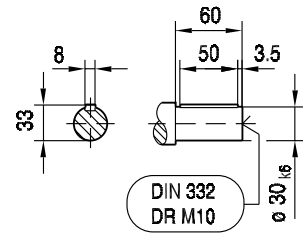
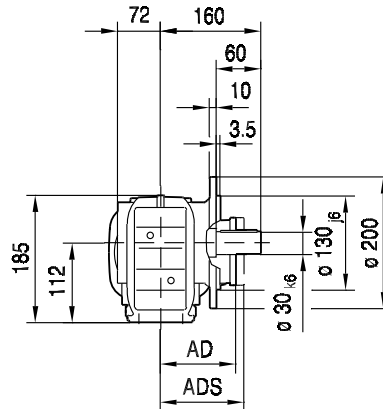
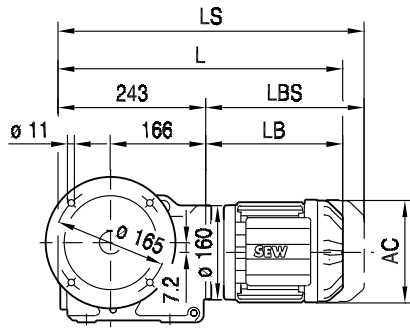


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	422	433	458	467	498	500	520	550
LS	477	501	526	548	579	593	613	643
LB	185	196	221	230	261	263	283	313
LBS	240	264	289	311	342	356	376	406



KF47..

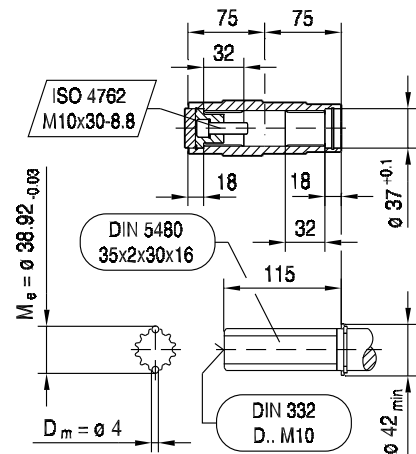
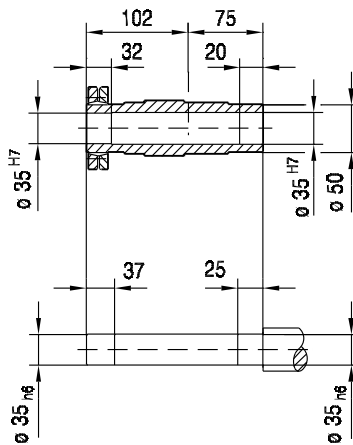
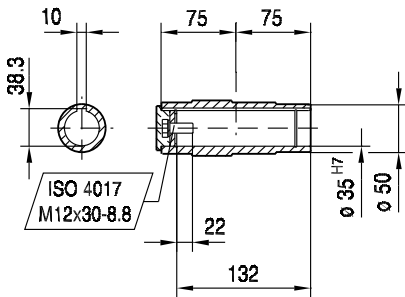
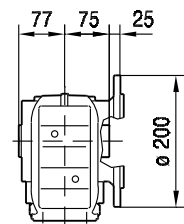
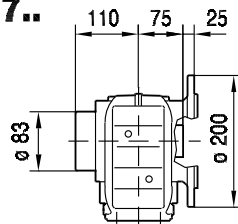
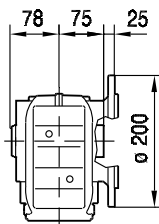
33 084 00 06



KAF47..

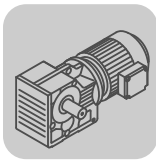
KHF47..

KVF47..



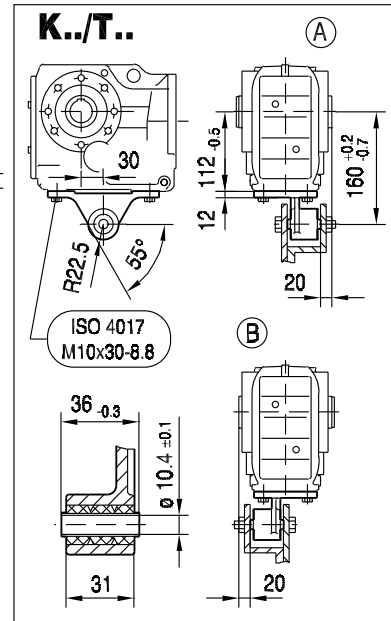
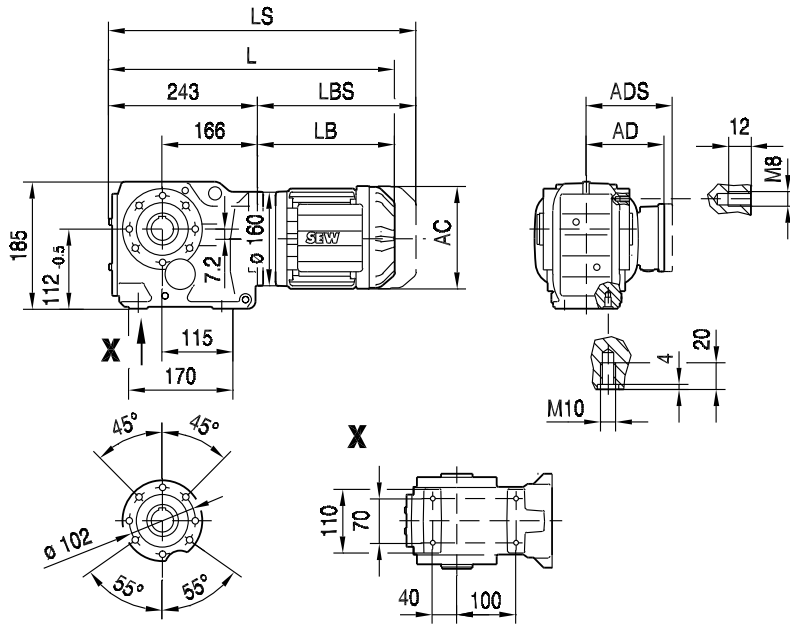
11

(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	428	439	464	473	504	506	526	556
LS	483	507	532	554	585	599	619	649
LB	185	196	221	230	261	263	283	313
LBS	240	264	289	311	342	356	376	406

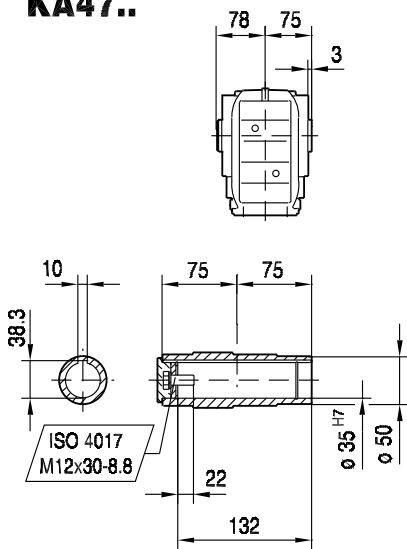


33 085 00 06

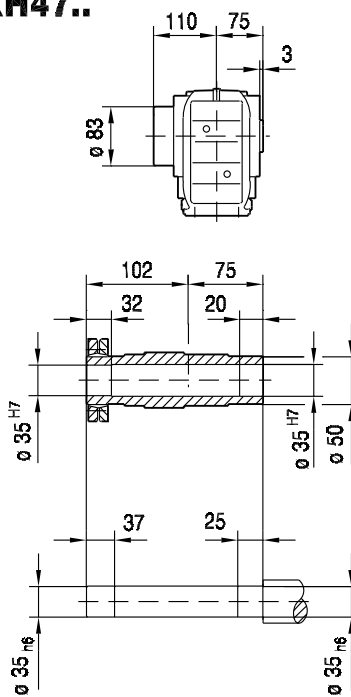
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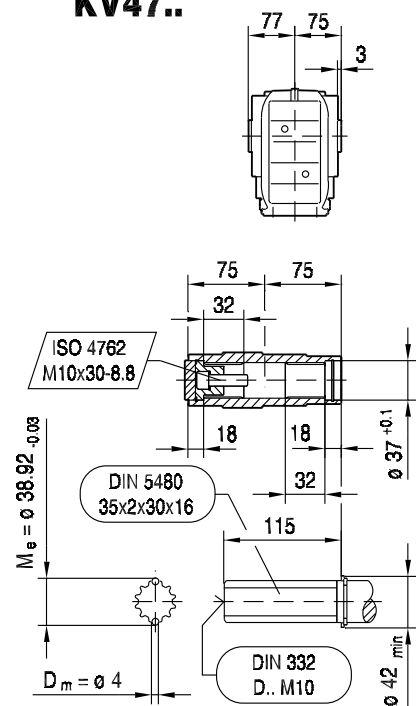
KA47..



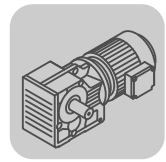
KH47..



KV47..

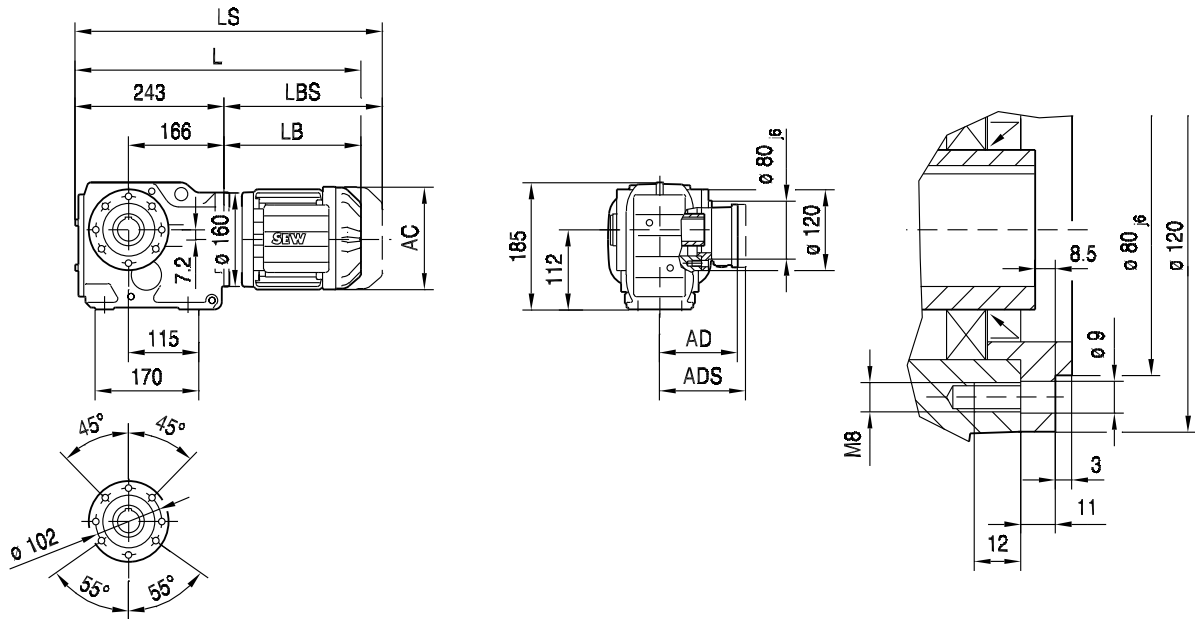


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	428	439	464	473	504	506	526	556
LS	483	507	532	554	585	599	619	649
LB	185	196	221	230	261	263	283	313
LBS	240	264	289	311	342	356	376	406

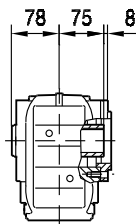


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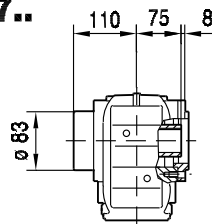
33 086 00 06



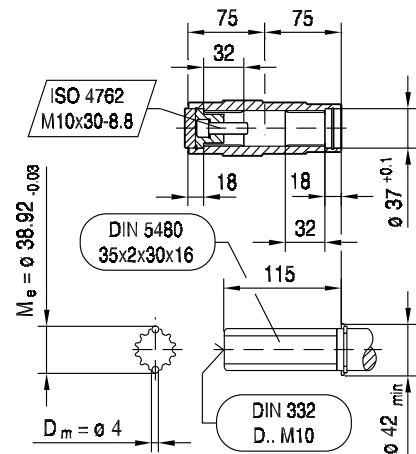
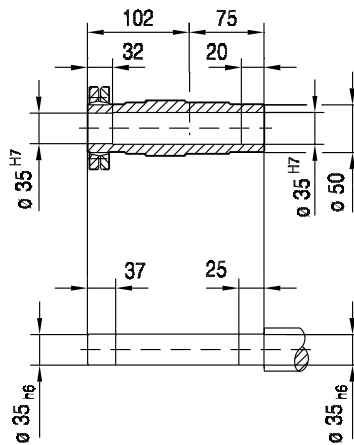
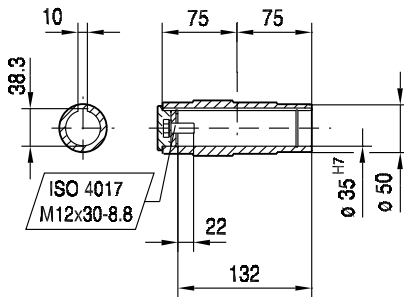
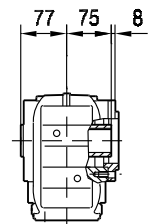
KAZ47..



KHZ47..

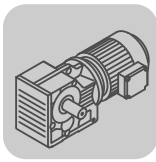


KVZ47..



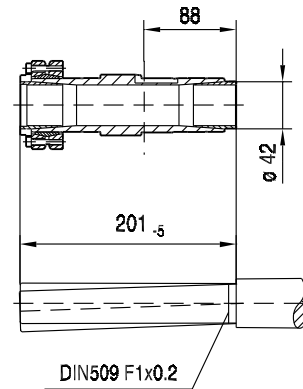
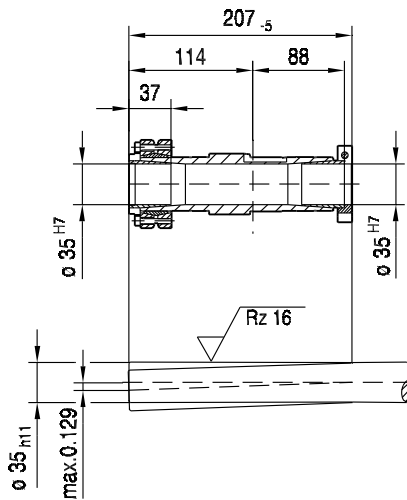
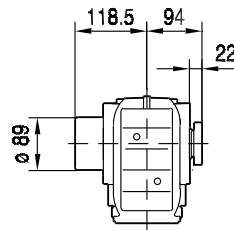
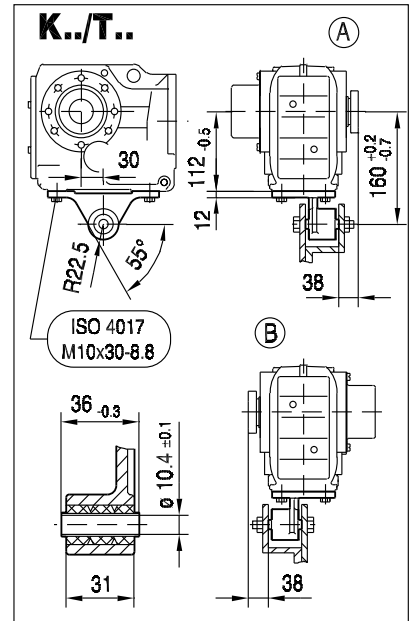
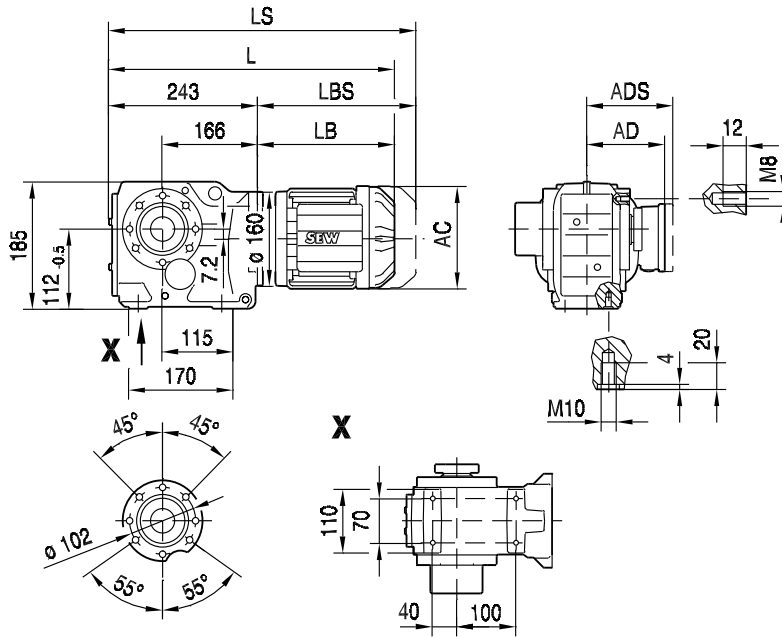
11

(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	428	439	464	473	504	506	526	556
LS	483	507	532	554	585	599	619	649
LB	185	196	221	230	261	263	283	313
LBS	240	264	289	311	342	356	376	406

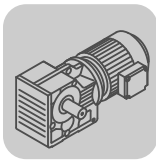


33 087 00 06

KT47..

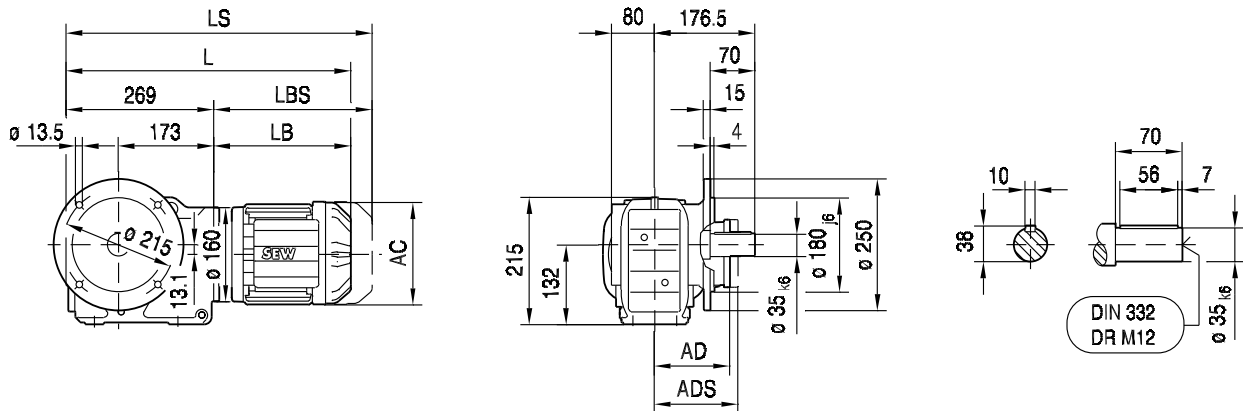


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M
AC	132	139	139	156	156	179	179	197
AD	105	119	119	128	128	140	140	157
ADS	105	129	129	139	139	150	150	158
L	428	439	464	473	504	506	526	556
LS	483	507	532	554	585	599	619	649
LB	185	196	221	230	261	263	283	313
LBS	240	264	289	311	342	356	376	406

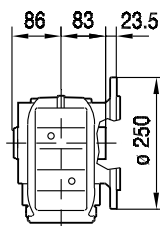


33 089 00 06

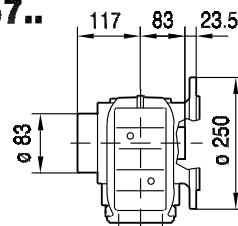
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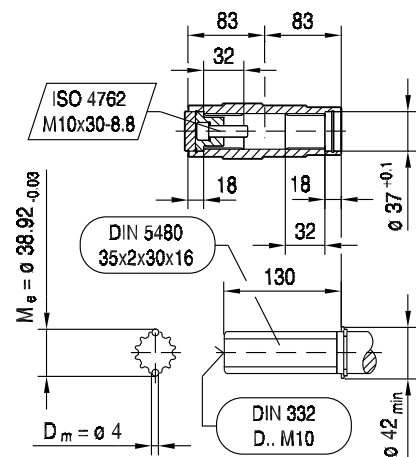
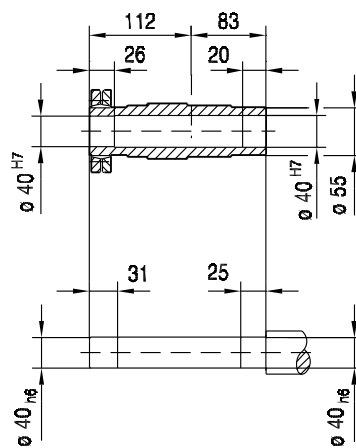
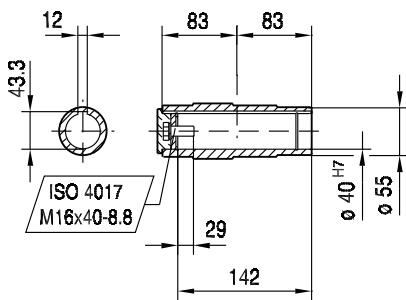
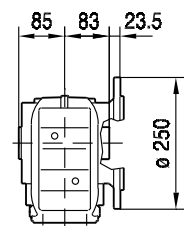
KAF57..



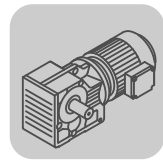
KHF57..



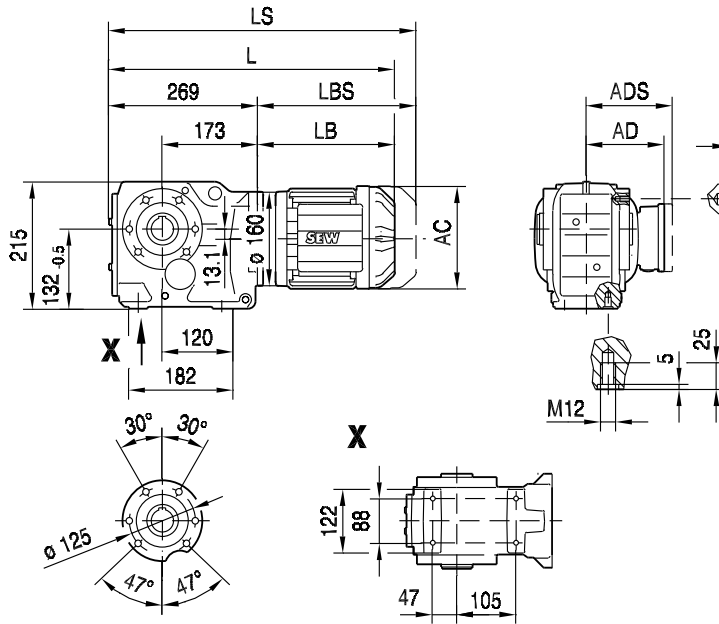
KVF57..



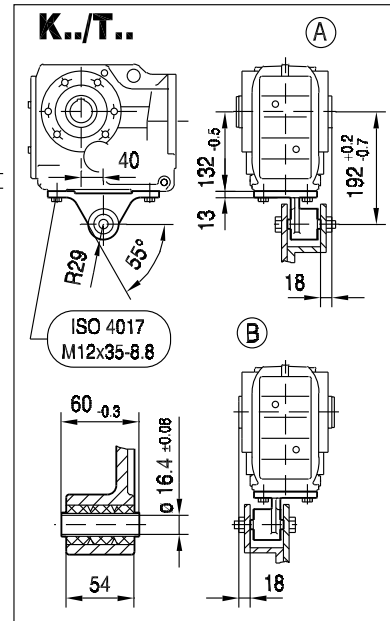
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	156	179	179	197	197
AD	105	119	119	128	128	140	140	157	157
ADS	105	129	129	139	139	150	150	158	158
L	454	465	490	499	530	532	552	582	612
LS	509	533	558	580	611	625	645	675	705
LB	185	196	221	230	261	263	283	313	343
LBS	240	264	289	311	342	356	376	406	436



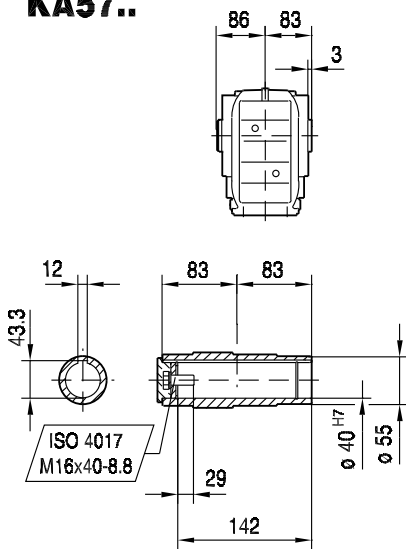
KA57..



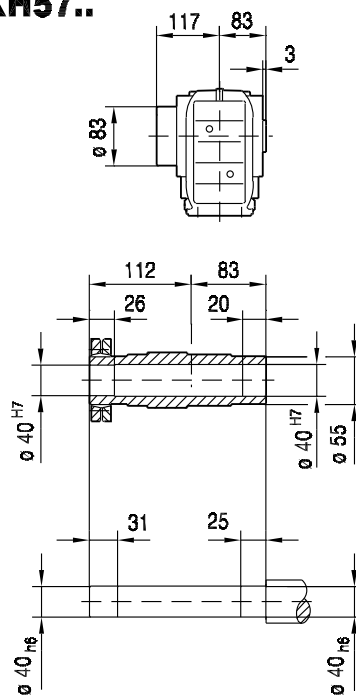
33 090 00 06



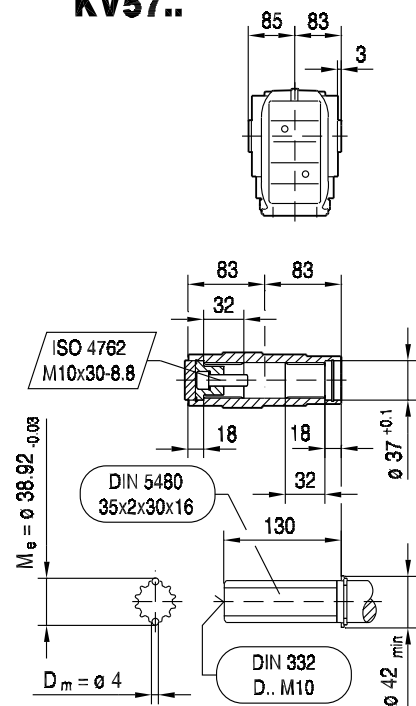
KA57..



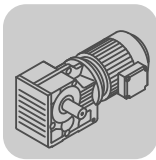
KH57..



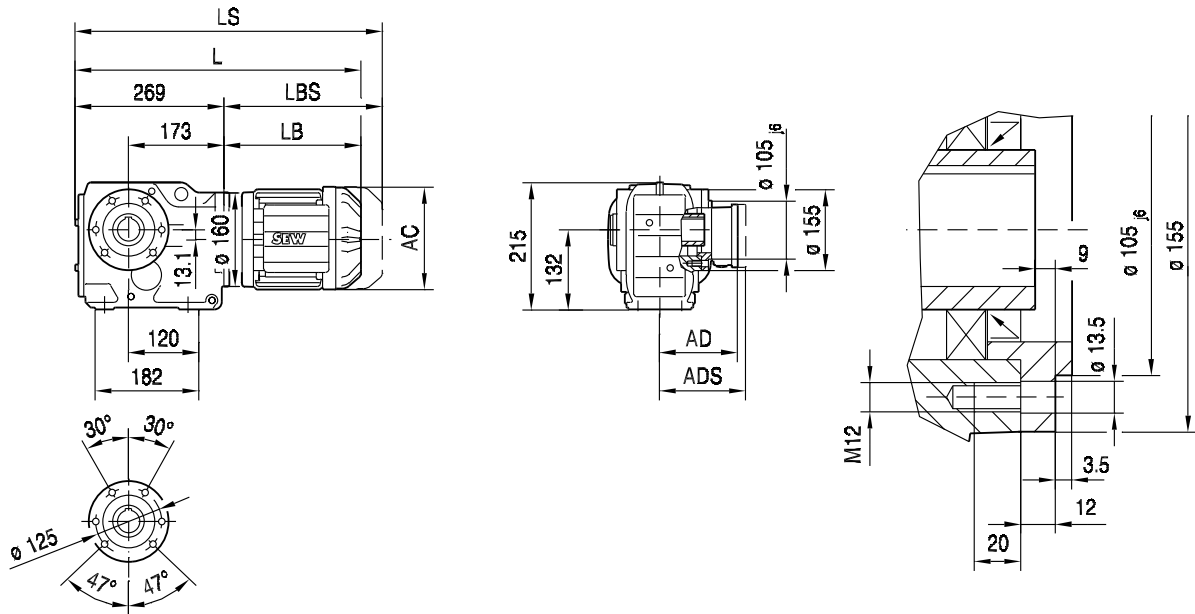
KV57..



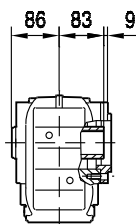
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	156	179	179	197	197
AD	105	119	119	128	128	140	140	157	157
ADS	105	129	129	139	139	150	150	158	158
L	454	465	490	499	530	532	552	582	612
LS	509	533	558	580	611	625	645	675	705
LB	185	196	221	230	261	263	283	313	343
LBS	240	264	289	311	342	356	376	406	436



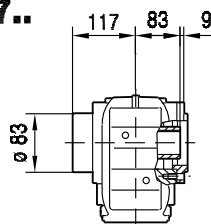
KAZ57..



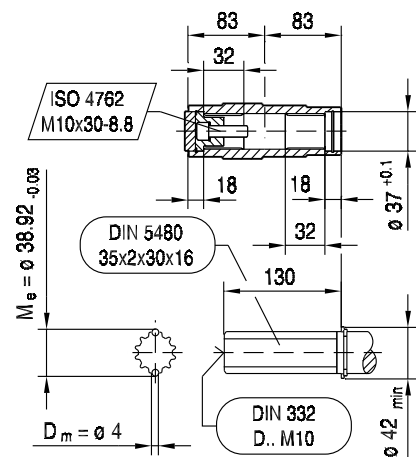
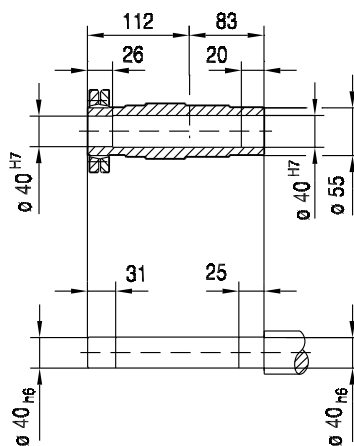
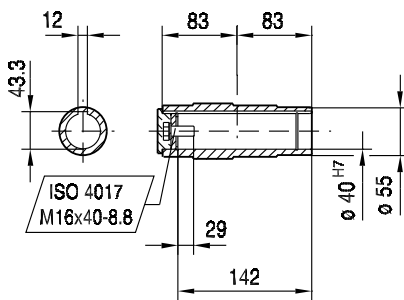
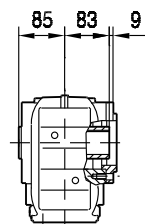
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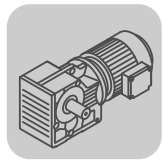
KHZ57..



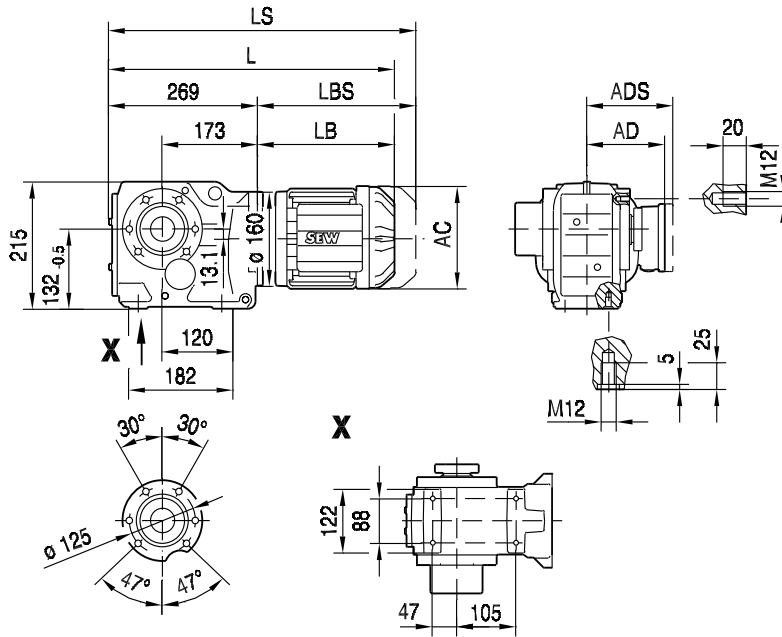
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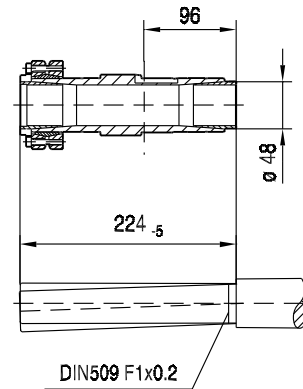
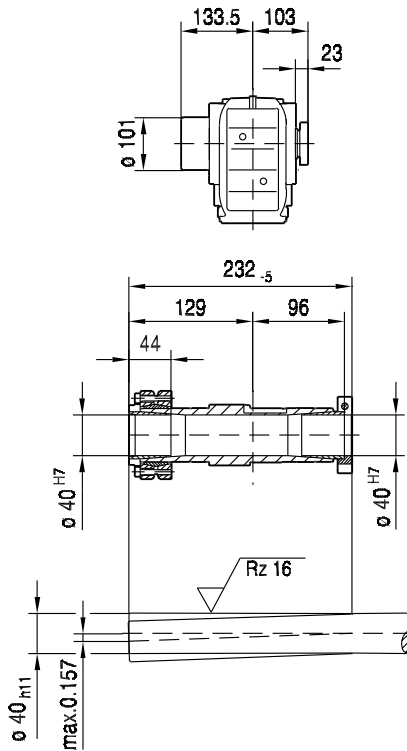
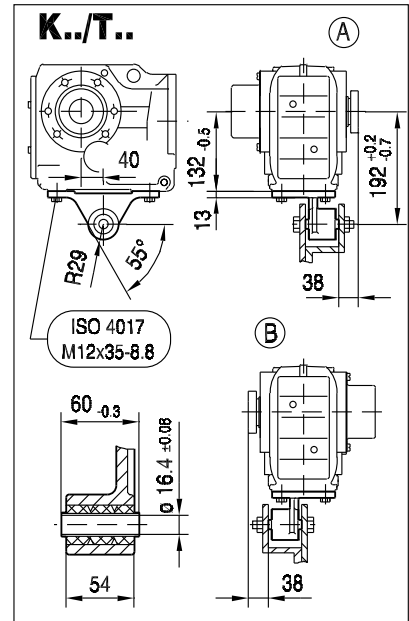
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	156	179	179	197	197
AD	105	119	119	128	128	140	140	157	157
ADS	105	129	129	139	139	150	150	158	158
L	454	465	490	499	530	532	552	582	612
LS	509	533	558	580	611	625	645	675	705
LB	185	196	221	230	261	263	283	313	343
LBS	240	264	289	311	342	356	376	406	436



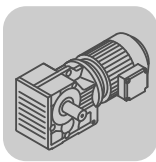
KT57..



33 092 00 06

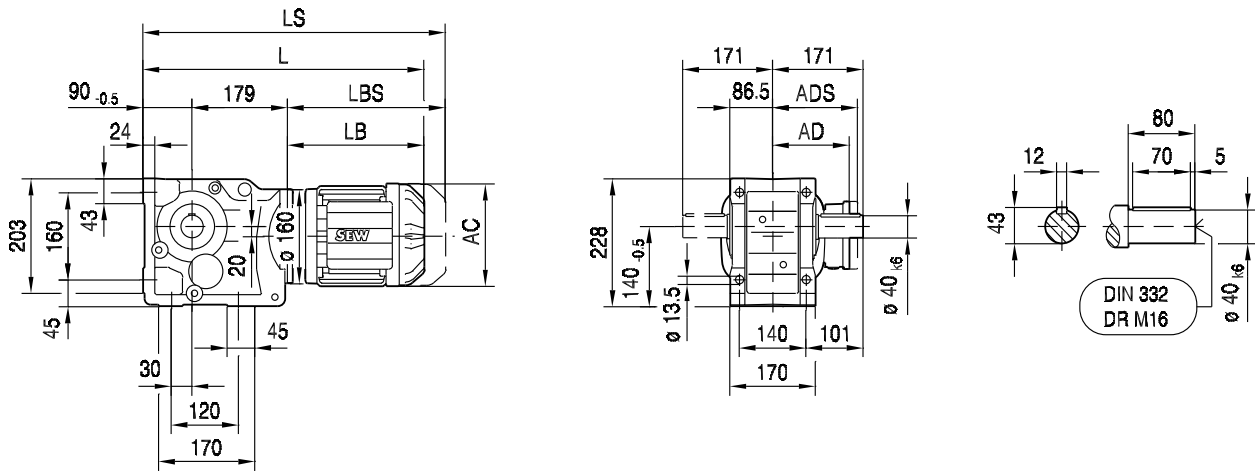


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC
AC	132	139	139	156	156	179	179	197	197
AD	105	119	119	128	128	140	140	157	157
ADS	105	129	129	139	139	150	150	158	158
L	454	465	490	499	530	532	552	582	612
LS	509	533	558	580	611	625	645	675	705
LB	185	196	221	230	261	263	283	313	343
LBS	240	264	289	311	342	356	376	406	436

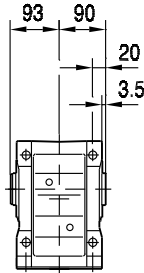


33 093 00 06

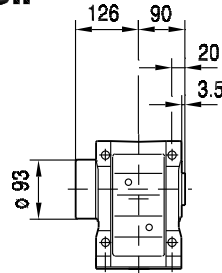
K67..



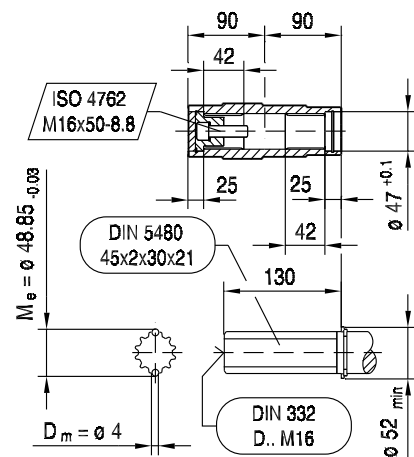
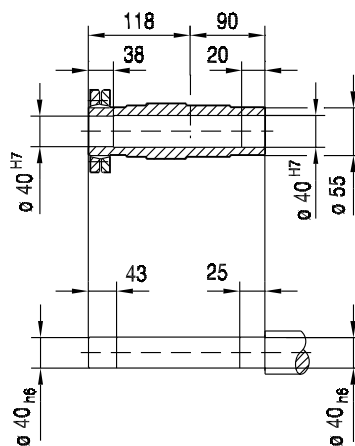
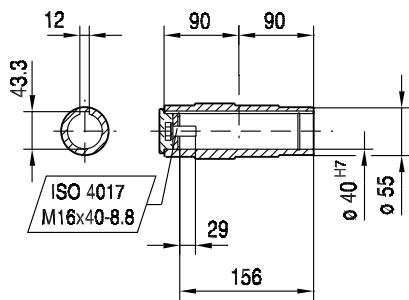
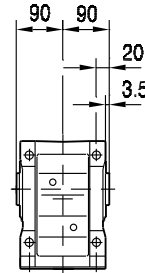
KA67B..



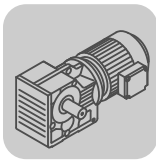
KH67B..



KV67B..

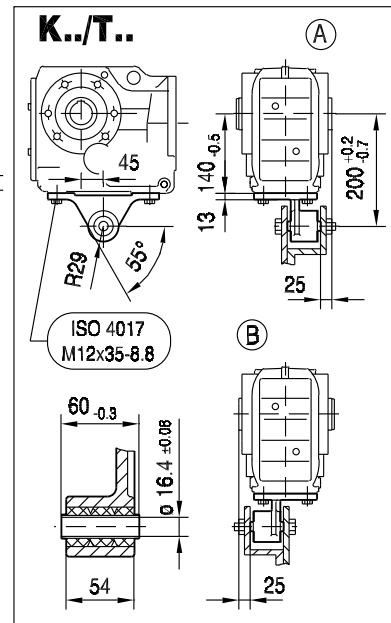
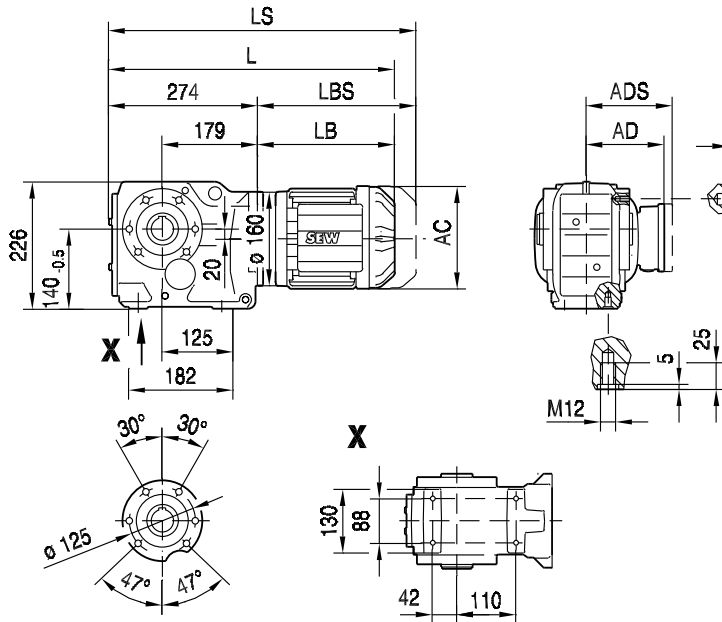


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S
AC	132	139	139	156	156	179	179	197	197	221
AD	105	119	119	128	128	140	140	157	157	170
ADS	105	129	129	139	139	150	150	158	158	172
L	454	465	490	499	530	532	552	582	612	659
LS	509	533	558	580	611	625	645	675	705	771
LB	185	196	221	230	261	263	283	313	343	390
LBS	240	264	289	311	342	356	376	406	436	502

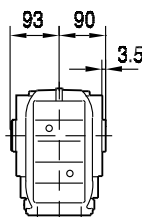


33 095 00 06

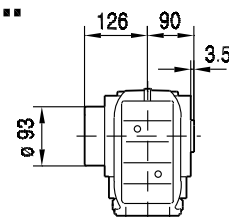
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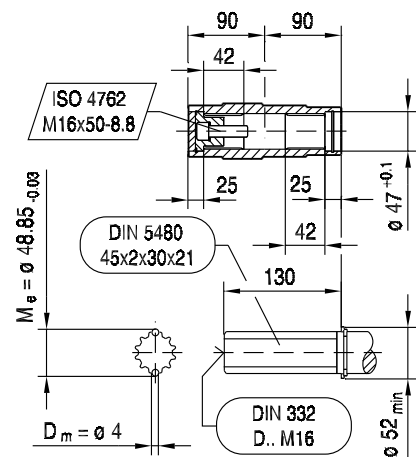
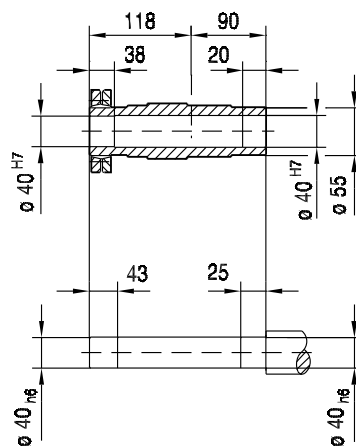
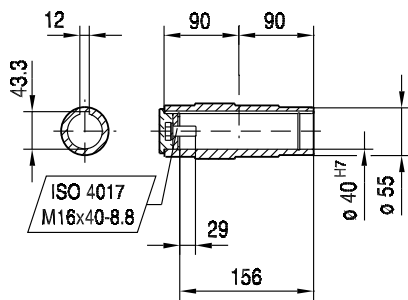
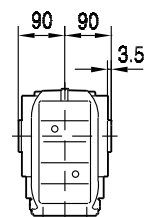
KA67..



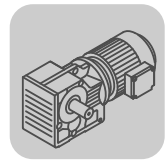
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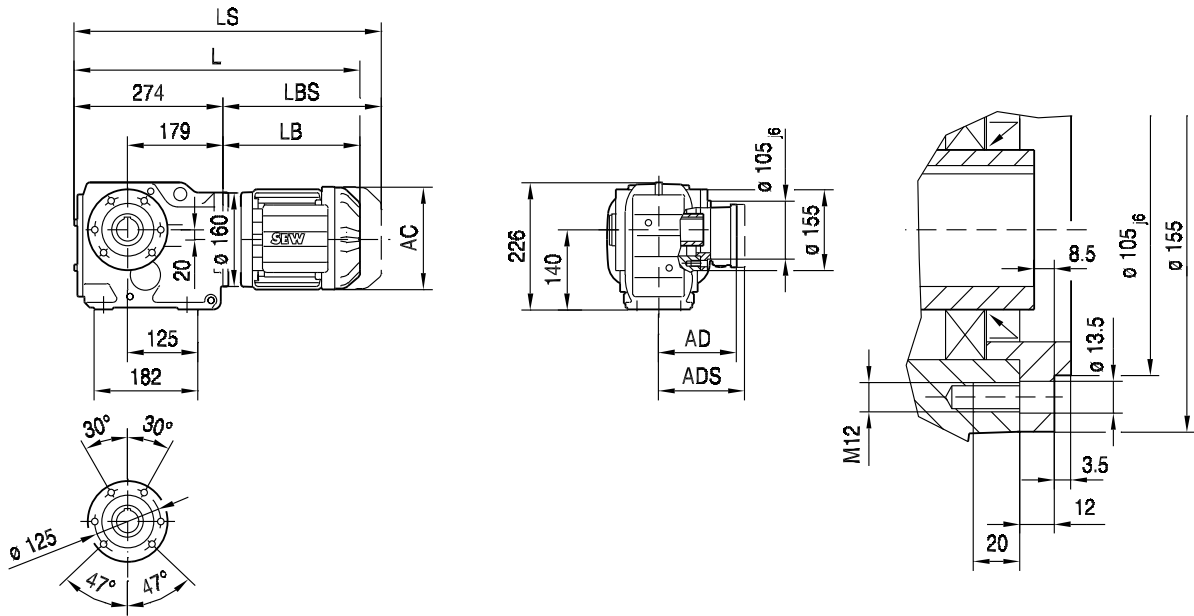


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S
AC	132	139	139	156	156	179	179	197	197	221
AD	105	119	119	128	128	140	140	157	157	170
ADS	105	129	129	139	139	150	150	158	158	172
L	459	470	495	504	535	537	557	587	617	664
LS	514	538	563	585	616	630	650	680	710	776
LB	185	196	221	230	261	263	283	313	343	390
LBS	240	264	289	311	342	356	376	406	436	502

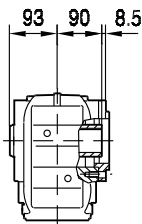


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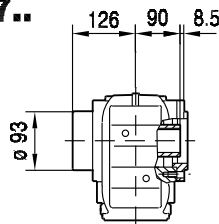
33 096 00 06



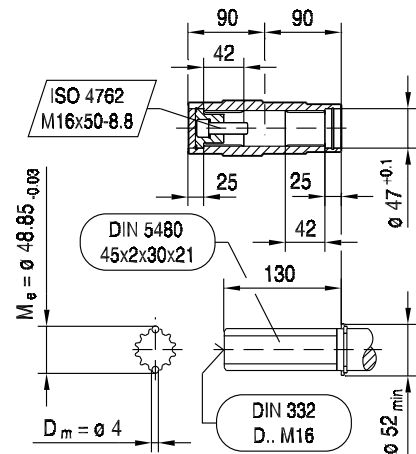
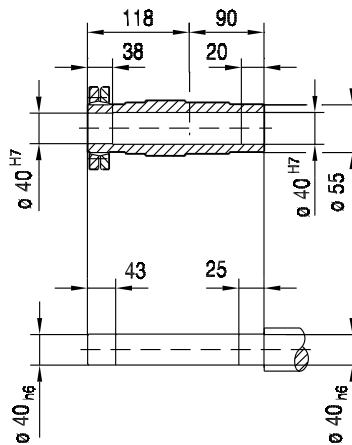
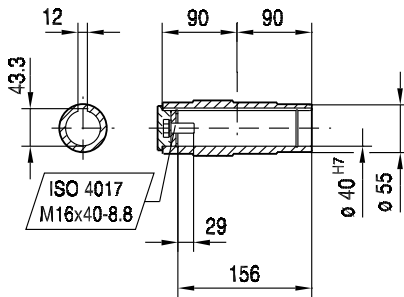
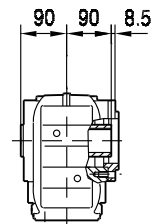
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KHZ67..

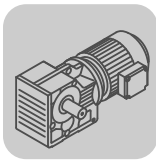


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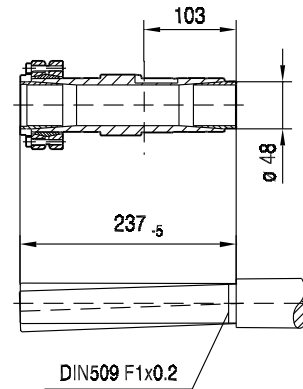
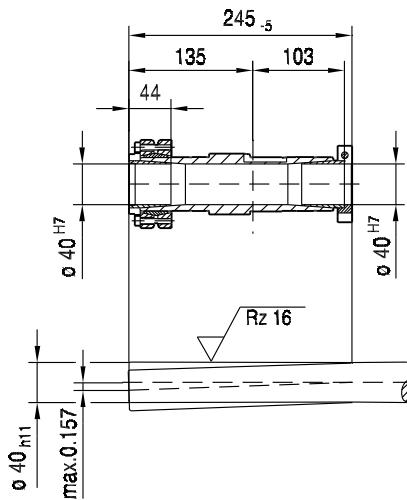
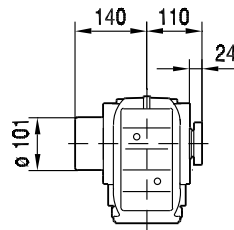
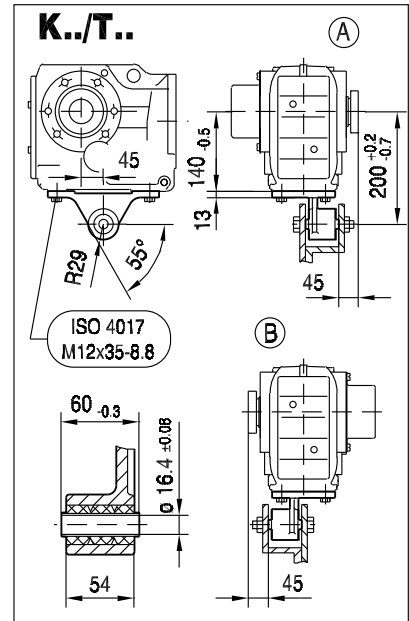
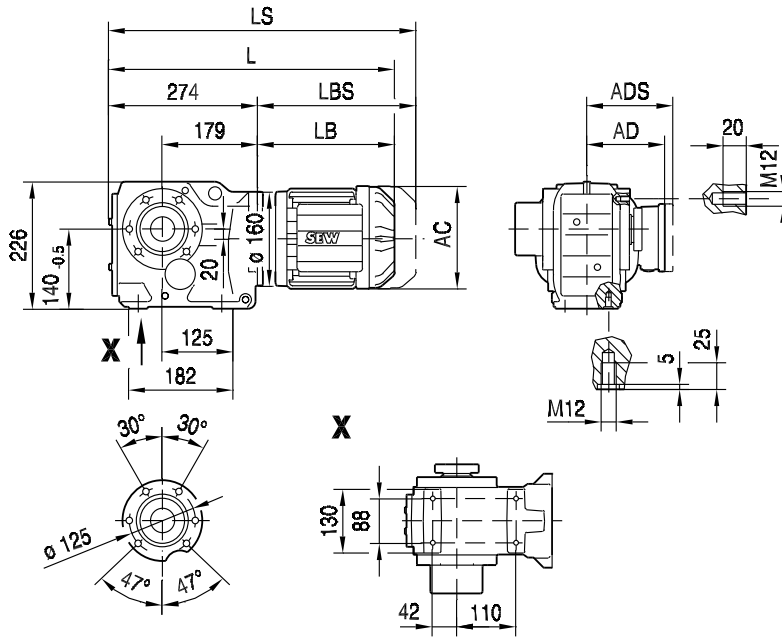
11

(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S
AC	132	139	139	156	156	179	179	197	197	221
AD	105	119	119	128	128	140	140	157	157	170
ADS	105	129	129	139	139	150	150	158	158	172
L	459	470	495	504	535	537	557	587	617	664
LS	514	538	563	585	616	630	650	680	710	776
LB	185	196	221	230	261	263	283	313	343	390
LBS	240	264	289	311	342	356	376	406	436	502

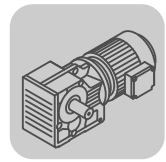


33 097 00 06

KT67..

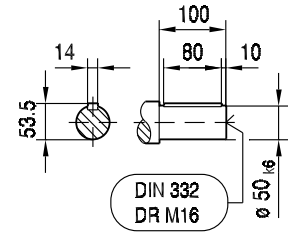
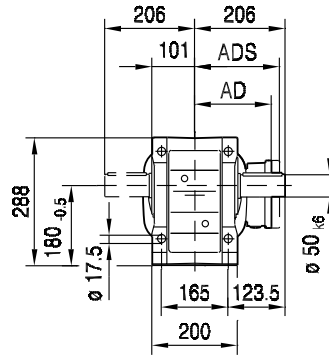
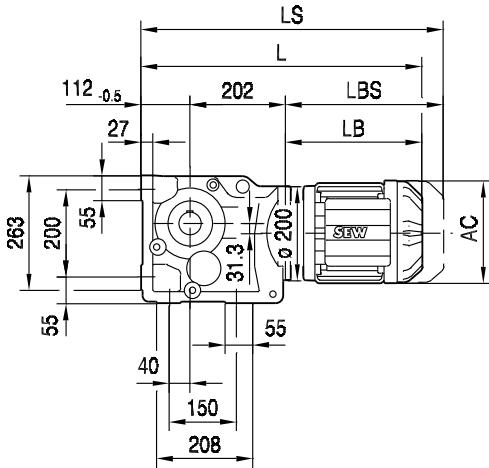


(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S
AC	132	139	139	156	156	179	179	197	197	221
AD	105	119	119	128	128	140	140	157	157	170
ADS	105	129	129	139	139	150	150	158	158	172
L	459	470	495	504	535	537	557	587	617	664
LS	514	538	563	585	616	630	650	680	710	776
LB	185	196	221	230	261	263	283	313	343	390
LBS	240	264	289	311	342	356	376	406	436	502

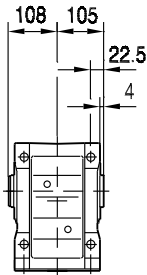


33 098 00 06

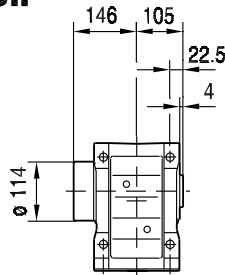
K77..



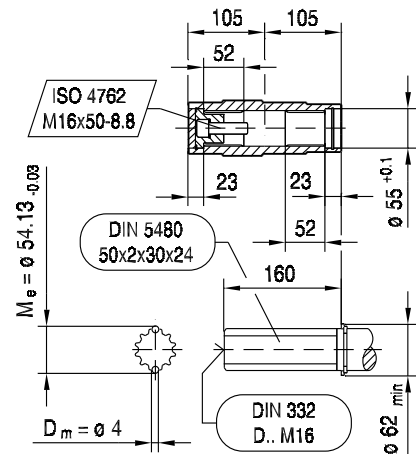
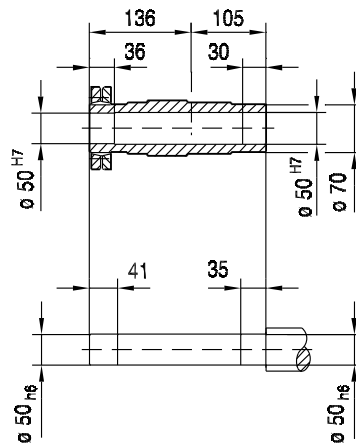
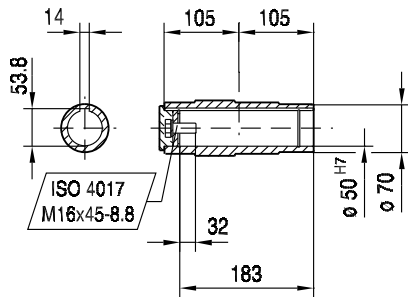
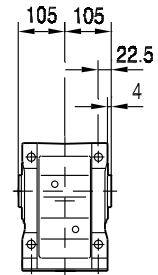
KA77B..



KH77B..

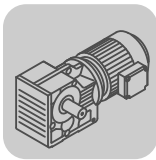


KV77B..



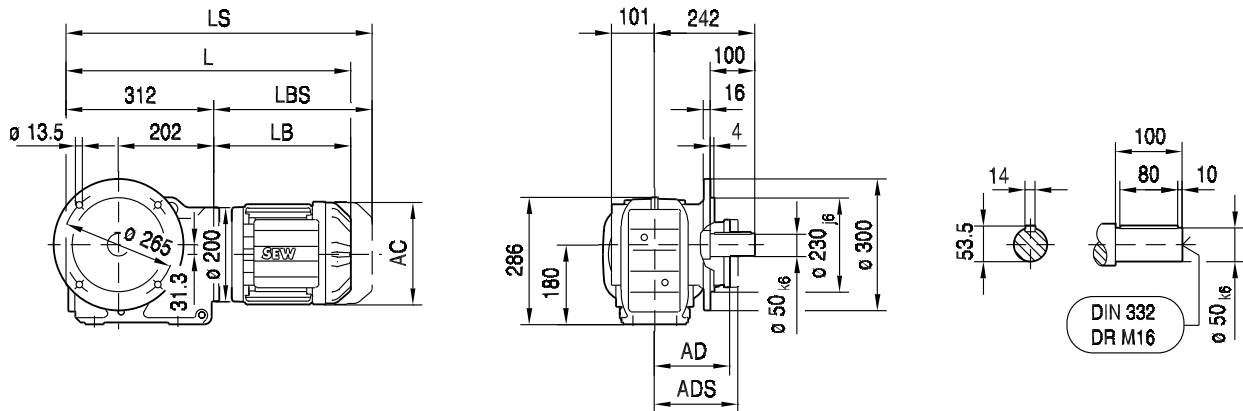
11

(→ 131)	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	139	139	156	156	179	179	197	197	221	221	270
AD	119	119	128	128	140	140	157	157	170	170	228
ADS	129	129	139	139	150	150	158	158	172	172	228
L	503	528	537	568	570	590	620	650	693	743	784
LS	571	596	618	649	663	683	713	743	805	855	921
LB	189	214	223	254	256	276	306	336	379	429	470
LBS	257	282	304	335	349	369	399	429	491	541	607

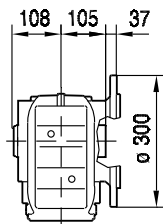


33 099 00 06

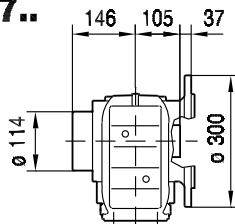
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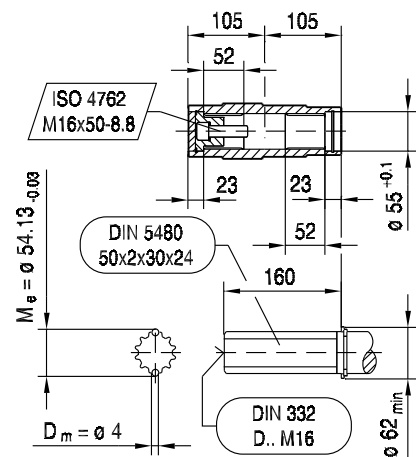
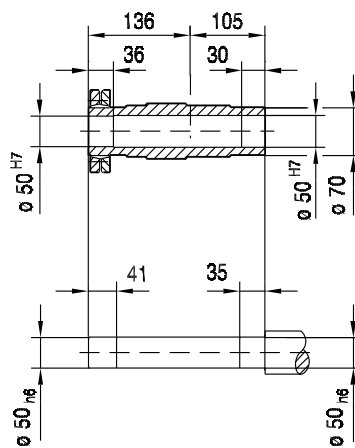
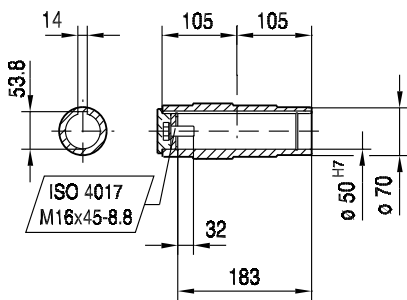
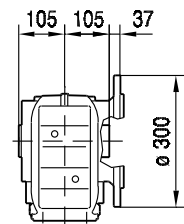
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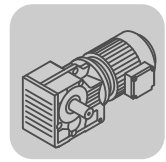
KHF77..



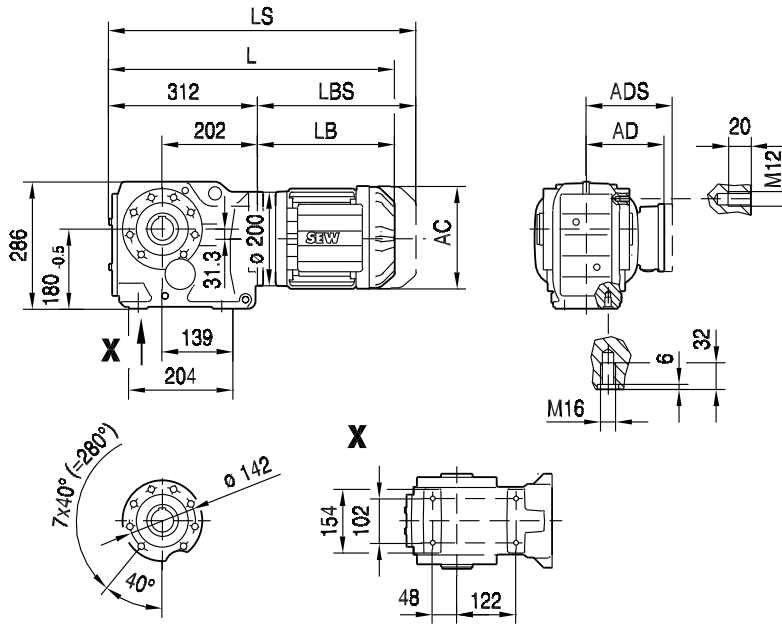
KVF77..



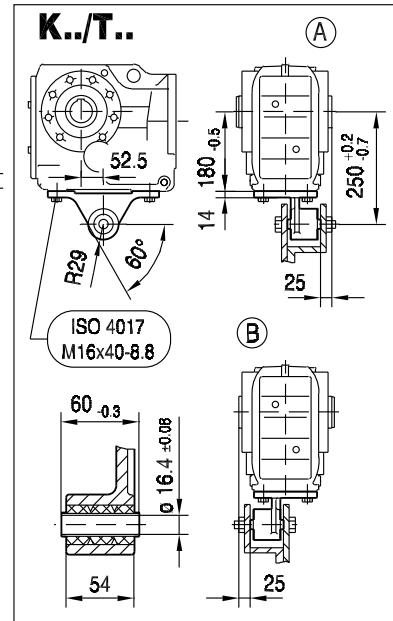
(→ 131)	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	139	139	156	156	179	179	197	197	221	221	270
AD	119	119	128	128	140	140	157	157	170	170	228
ADS	129	129	139	139	150	150	158	158	172	172	228
L	501	526	535	566	568	588	618	648	691	741	782
LS	569	594	616	647	661	681	711	741	803	853	919
LB	189	214	223	254	256	276	306	336	379	429	470
LBS	257	282	304	335	349	369	399	429	491	541	607



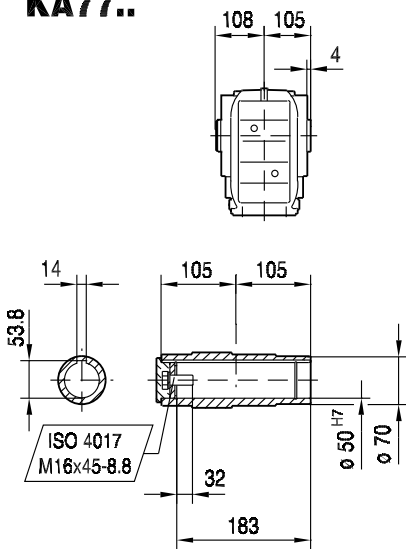
KA77..



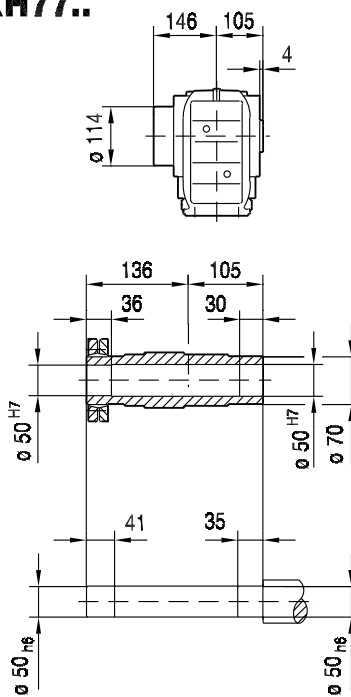
33 100 00 06



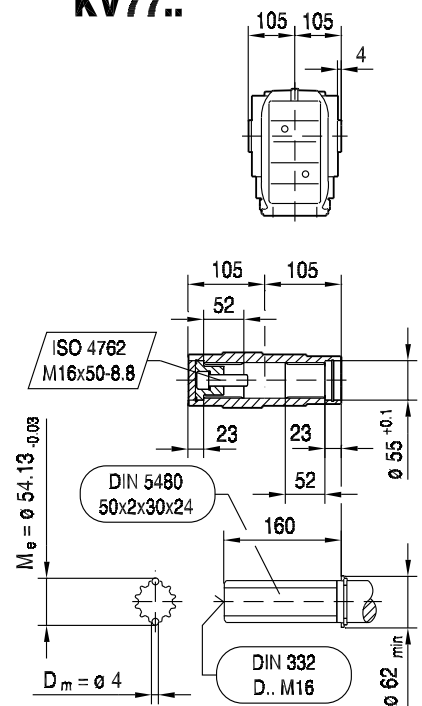
KA77..



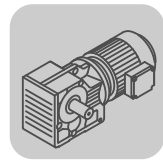
KH77..



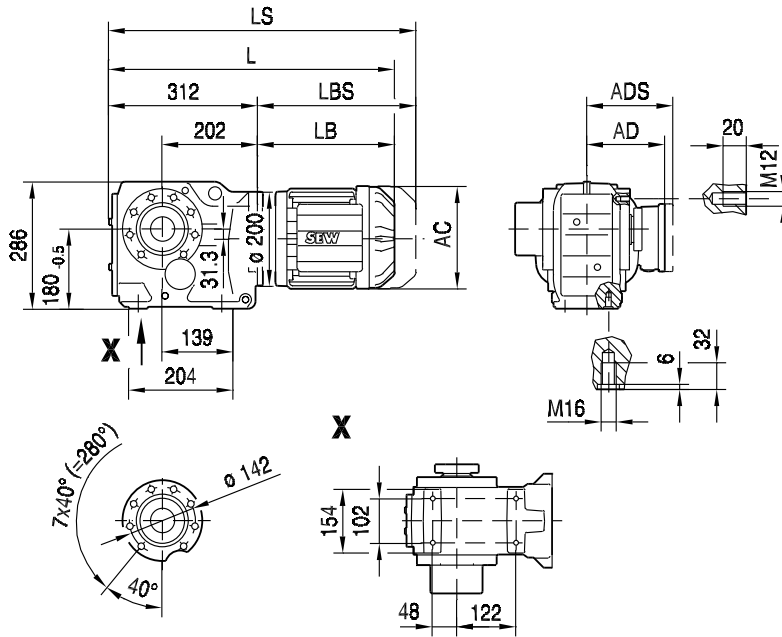
KV77..



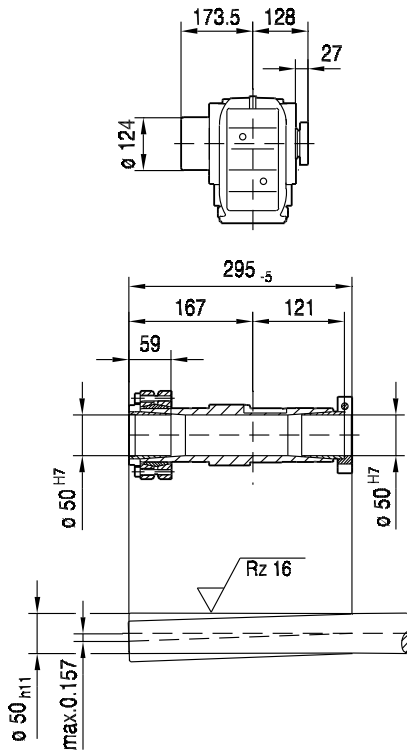
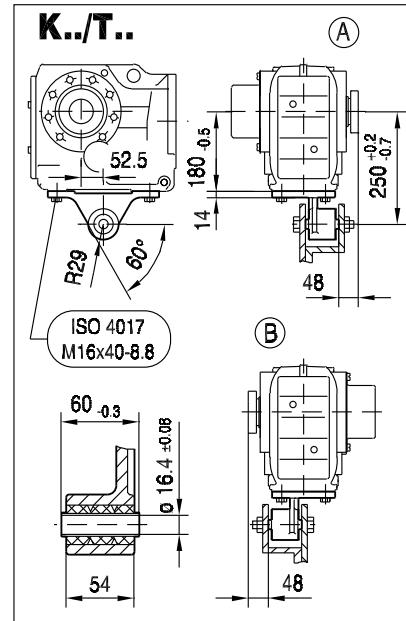
(→ 131)	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	139	139	156	156	179	179	197	197	221	221	270
AD	119	119	128	128	140	140	157	157	170	170	228
ADS	129	129	139	139	150	150	158	158	172	172	228
L	501	526	535	566	568	588	618	648	691	741	782
LS	569	594	616	647	661	681	711	741	803	853	919
LB	189	214	223	254	256	276	306	336	379	429	470
LBS	257	282	304	335	349	369	399	429	491	541	607



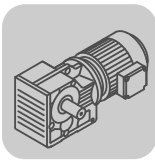
KT77..



33 102 00 06

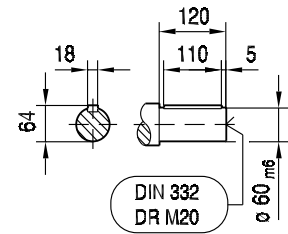
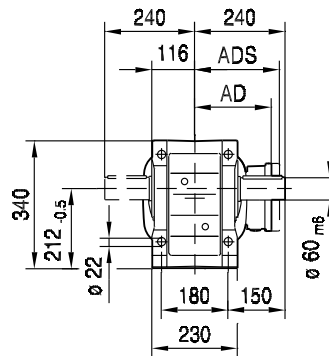
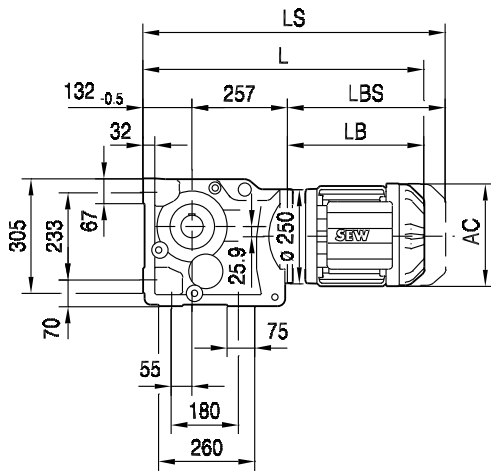


(→ 131)	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..
AC	139	139	156	156	179	179	197	197	221	221	270
AD	119	119	128	128	140	140	157	157	170	170	228
ADS	129	129	139	139	150	150	158	158	172	172	228
L	501	526	535	566	568	588	618	648	691	741	782
LS	569	594	616	647	661	681	711	741	803	853	919
LB	189	214	223	254	256	276	306	336	379	429	470
LBS	257	282	304	335	349	369	399	429	491	541	607

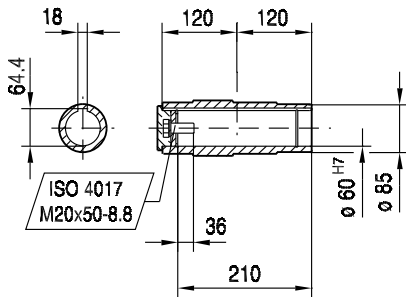
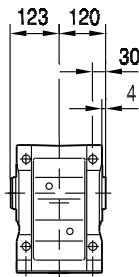


33 103 00 06

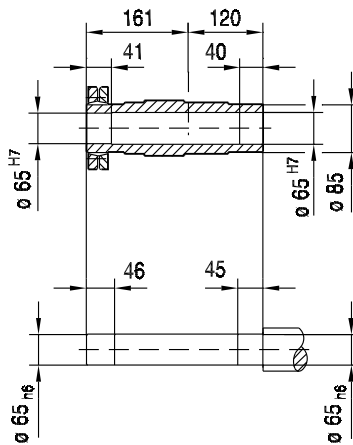
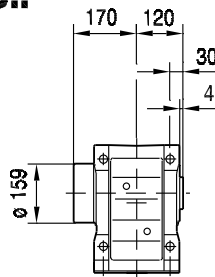
K87..



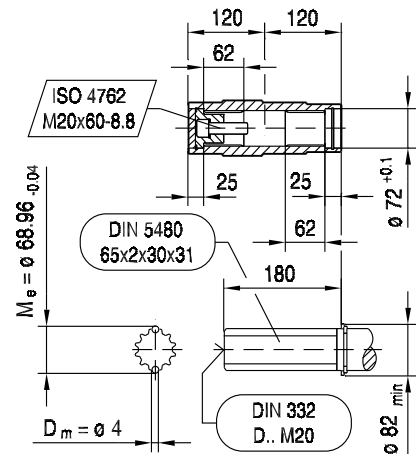
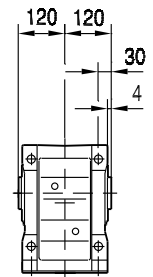
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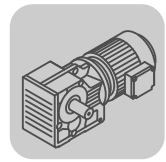
KH87B..



KV87B..

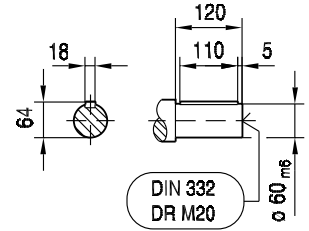
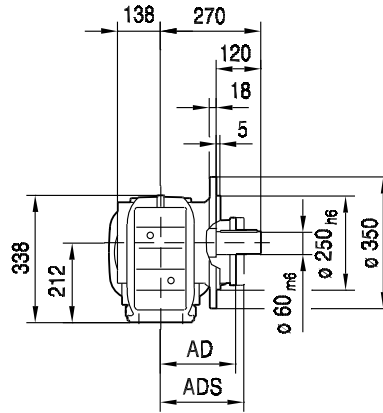
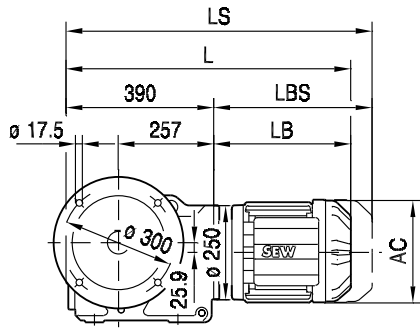


(→ 131)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	156	179	179	197	197	221	221	270	316	316
AD	128	128	140	140	157	157	170	170	228	253	253
ADS	139	139	150	150	158	158	172	172	228	253	253
L	607	638	640	660	690	720	763	813	854	923	983
LS	688	719	733	753	783	813	875	925	991	1112	1172
LB	218	249	251	271	301	331	374	424	465	534	594
LBS	299	330	344	364	394	424	486	536	602	723	783



KF87..

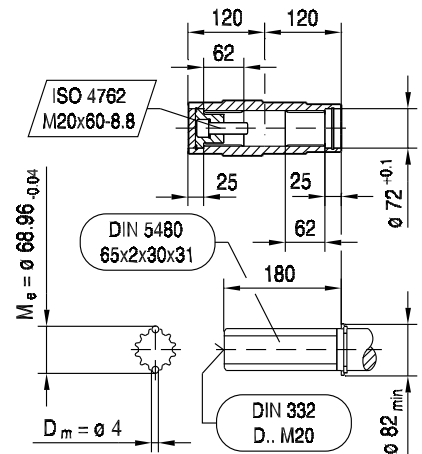
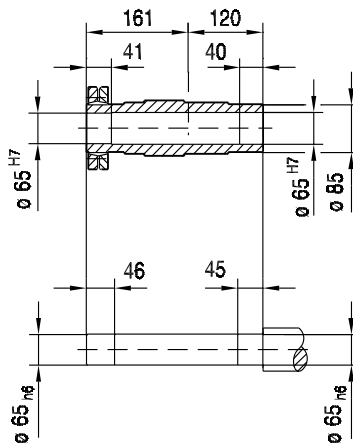
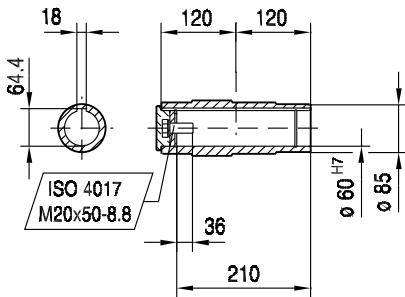
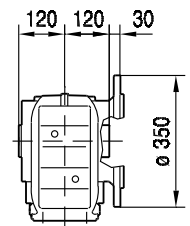
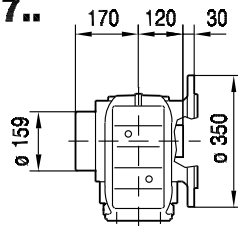
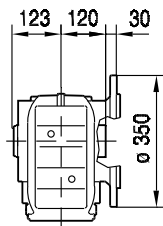
33 104 00 06



KAF87..

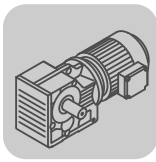
KHF87..

KVF87..



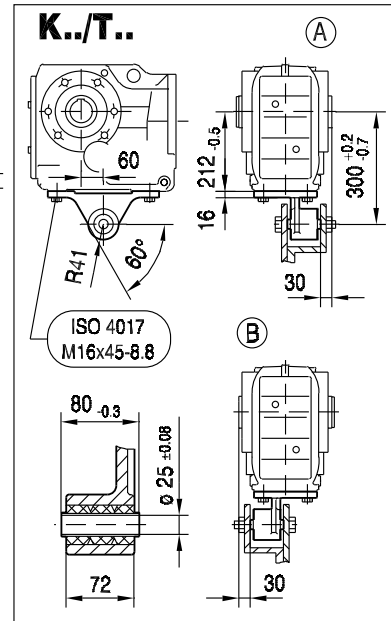
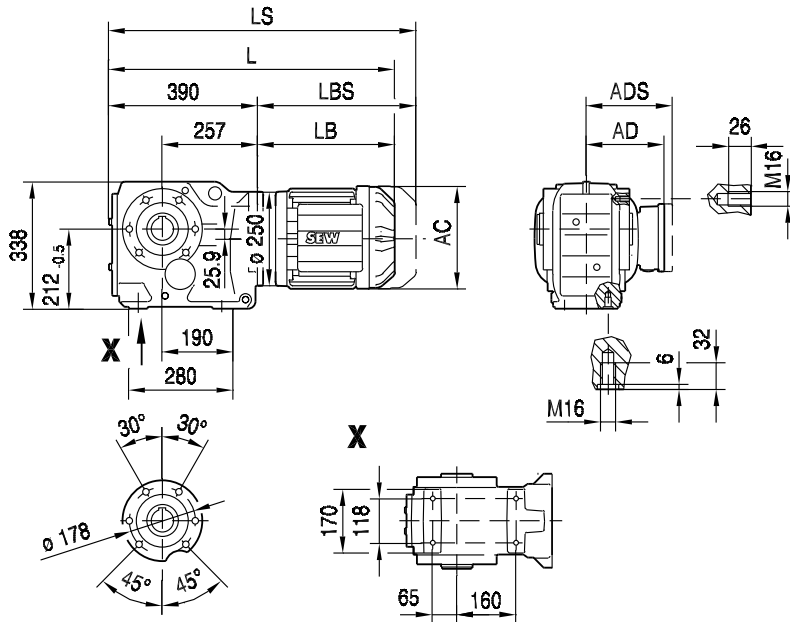
11

(→ 131)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	156	179	179	197	197	221	221	270	316	316
AD	128	128	140	140	157	157	170	170	228	253	253
ADS	139	139	150	150	158	158	172	172	228	253	253
L	608	639	641	661	691	721	764	814	855	924	984
LS	689	720	734	754	784	814	876	926	992	1113	1173
LB	218	249	251	271	301	331	374	424	465	534	594
LBS	299	330	344	364	394	424	486	536	602	723	783

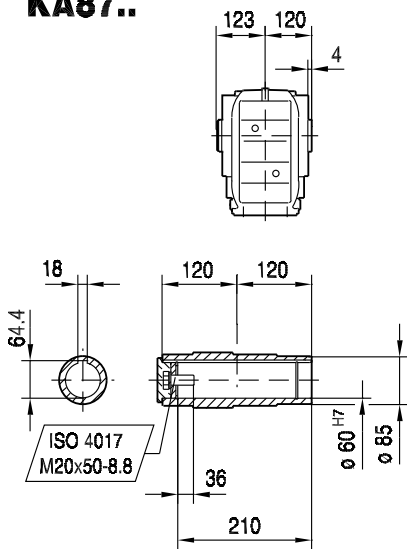


33 105 00 06

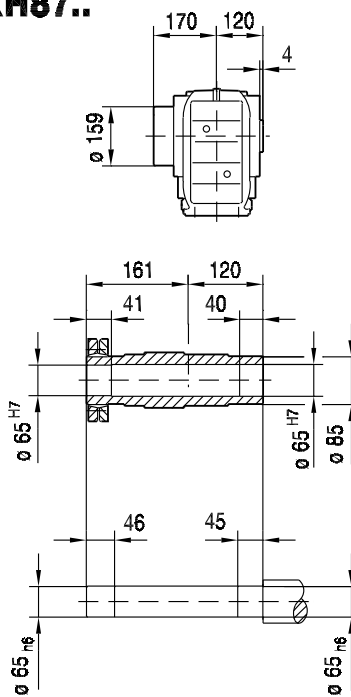
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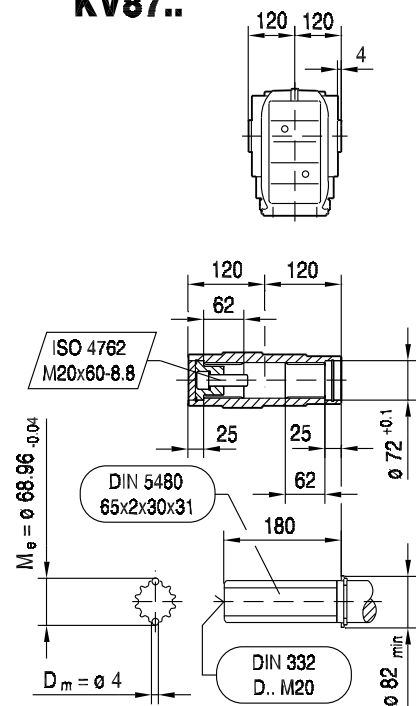
KA87..



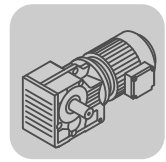
KH87..



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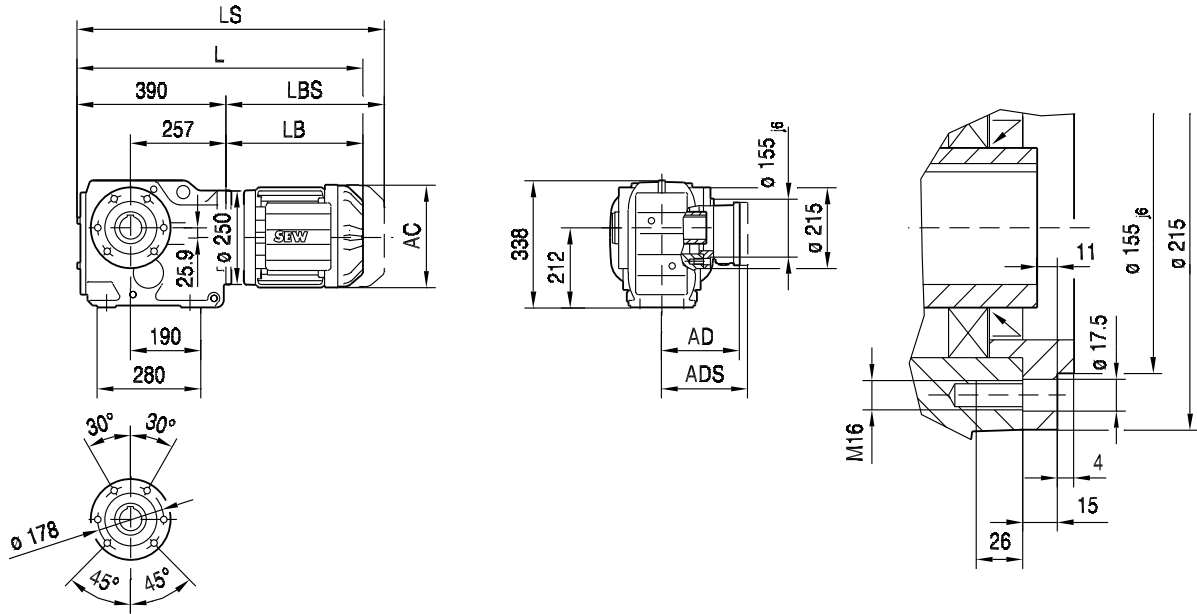


(→ 131)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	156	179	179	197	197	221	221	270	316	316
AD	128	128	140	140	157	157	170	170	228	253	253
ADS	139	139	150	150	158	158	172	172	228	253	253
L	608	639	641	661	691	721	764	814	855	924	984
LS	689	720	734	754	784	814	876	926	992	1113	1173
LB	218	249	251	271	301	331	374	424	465	534	594
LBS	299	330	344	364	394	424	486	536	602	723	783



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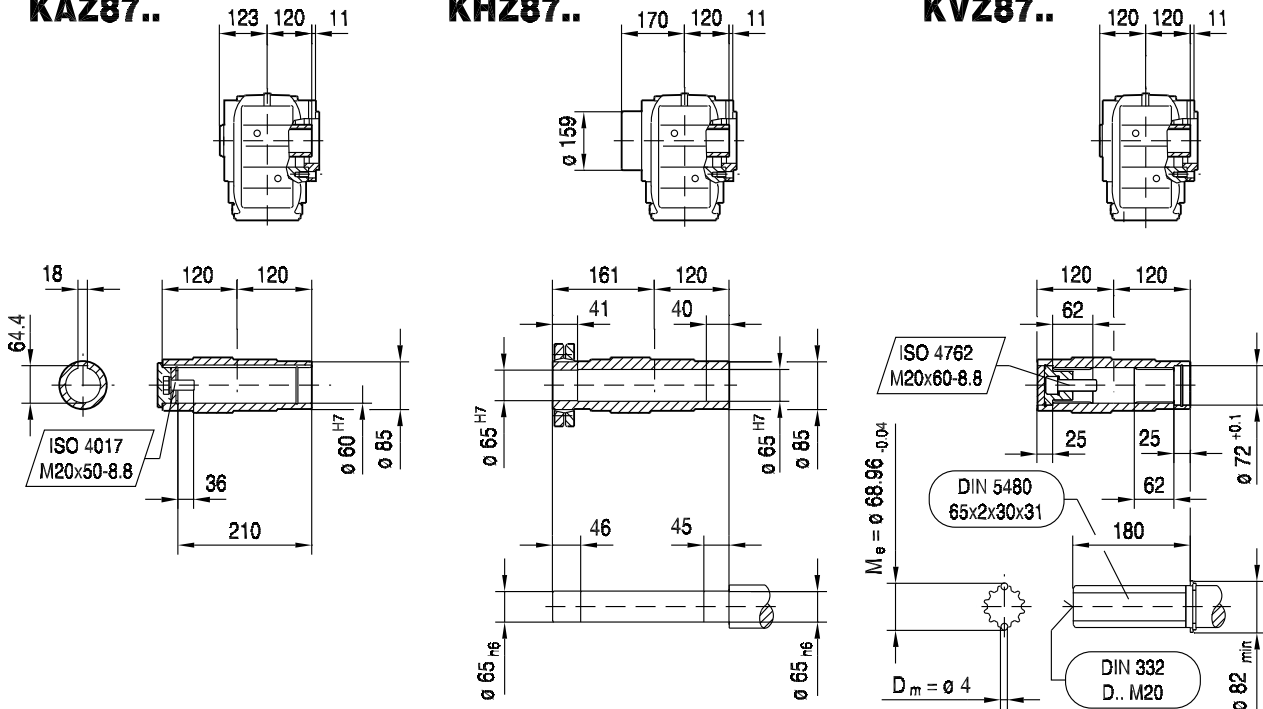
33 106 00 06



KAZ87..

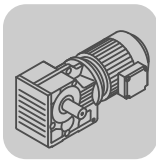
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KVZ87..



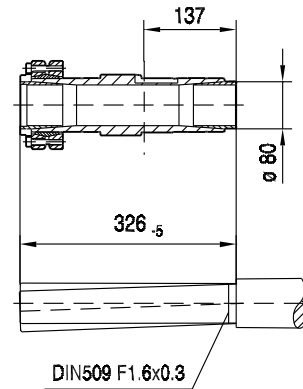
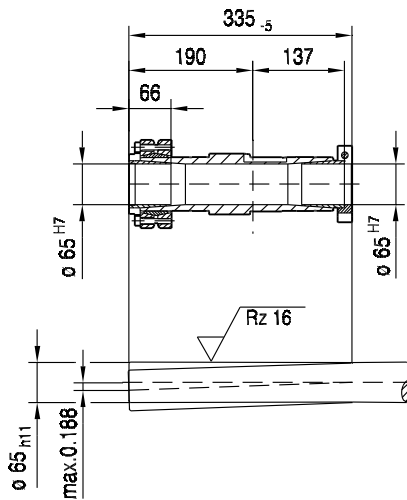
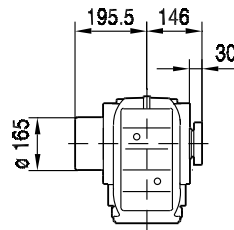
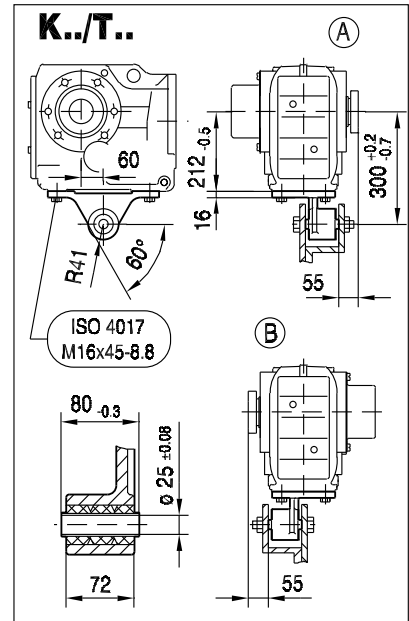
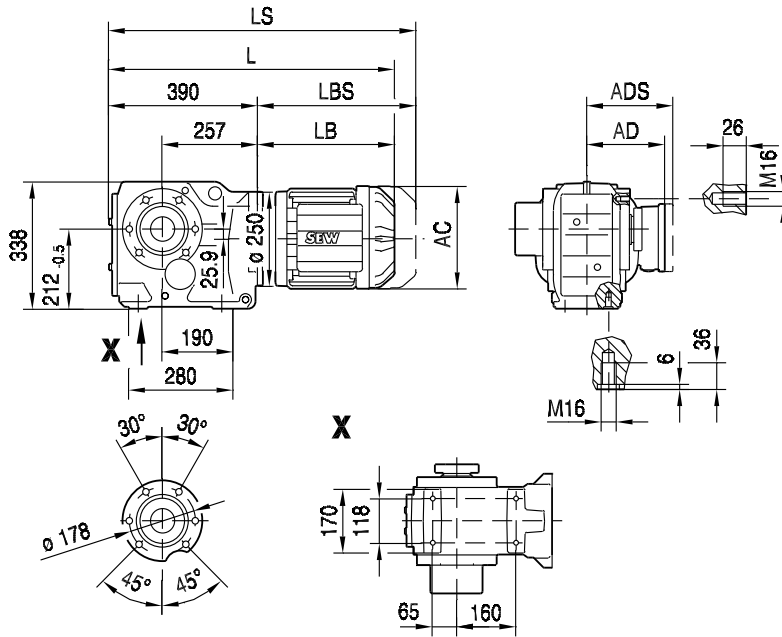
11

(→ 131)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	156	179	179	197	197	221	221	270	316	316
AD	128	128	140	140	157	157	170	170	228	253	253
ADS	139	139	150	150	158	158	172	172	228	253	253
L	608	639	641	661	691	721	764	814	855	924	984
LS	689	720	734	754	784	814	876	926	992	1113	1173
LB	218	249	251	271	301	331	374	424	465	534	594
LBS	299	330	344	364	394	424	486	536	602	723	783

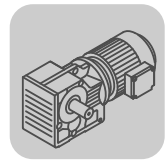


33 107 00 06

KT87..

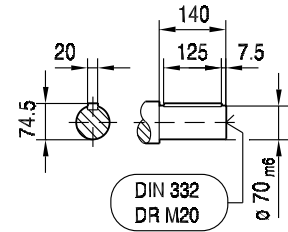
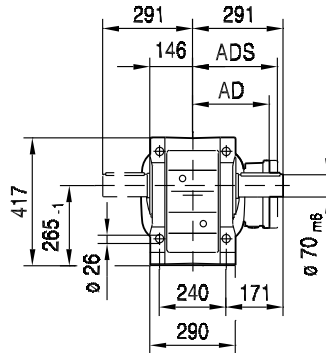
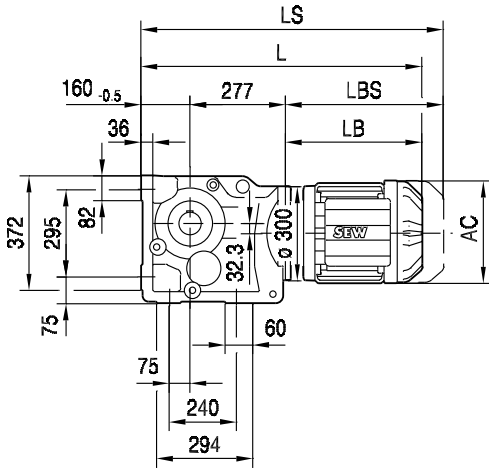


(→ 131)	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	156	179	179	197	197	221	221	270	316	316
AD	128	128	140	140	157	157	170	170	228	253	253
ADS	139	139	150	150	158	158	172	172	228	253	253
L	608	639	641	661	691	721	764	814	855	924	984
LS	689	720	734	754	784	814	876	926	992	1113	1173
LB	218	249	251	271	301	331	374	424	465	534	594
LBS	299	330	344	364	394	424	486	536	602	723	783

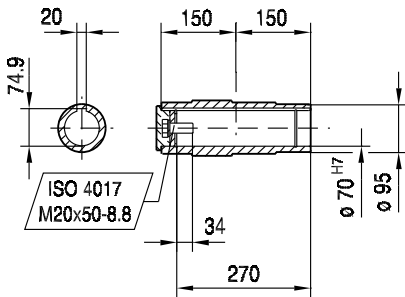
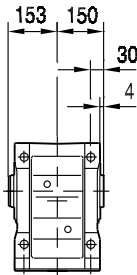


33 108 00 06

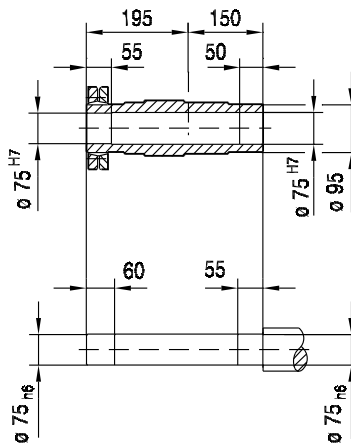
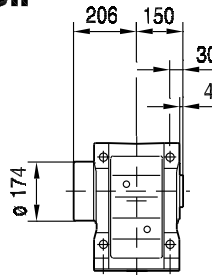
K97..



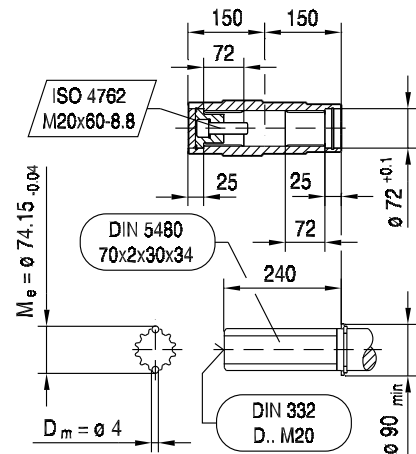
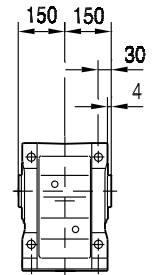
KA97B..



KH97B..

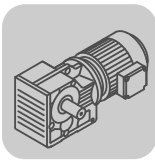


KV97B..

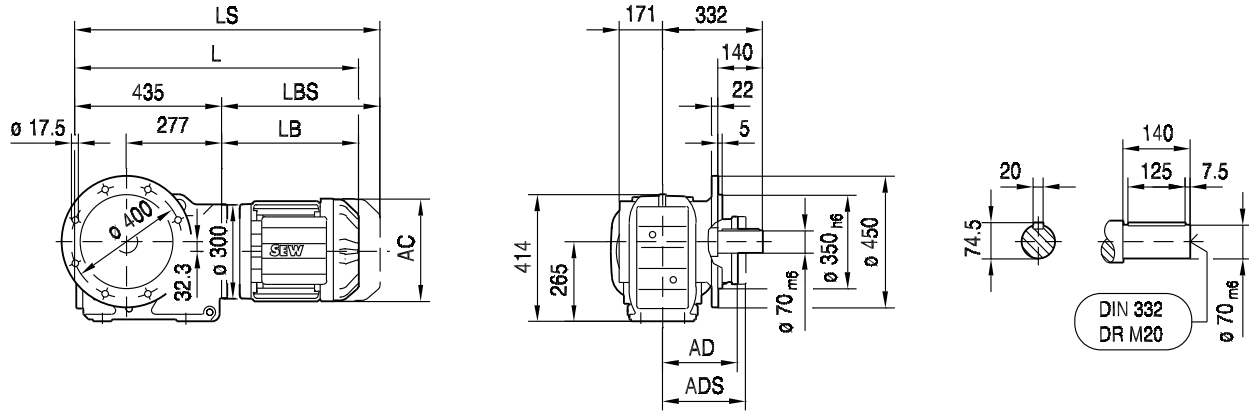


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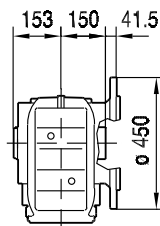
(→ 131)	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	179	179	197	197	221	221	270	316	316
AD	128	140	140	157	157	170	170	228	253	253
ADS	139	150	150	158	158	172	172	228	253	253
L	681	683	703	733	763	806	856	897	966	1026
LS	762	776	796	826	856	918	968	1034	1155	1215
LB	244	246	266	296	326	369	419	460	529	589
LBS	325	339	359	389	419	481	531	597	718	778



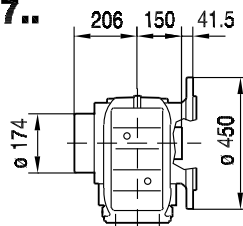
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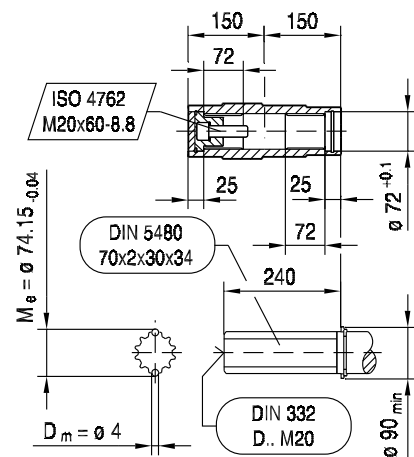
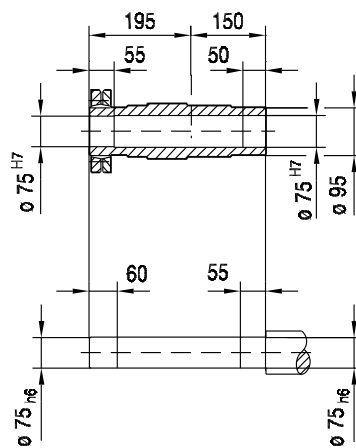
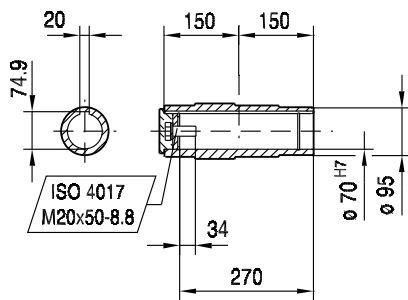
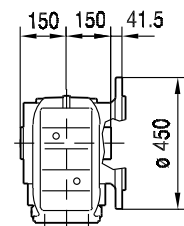
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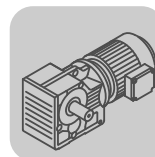
KHF97..



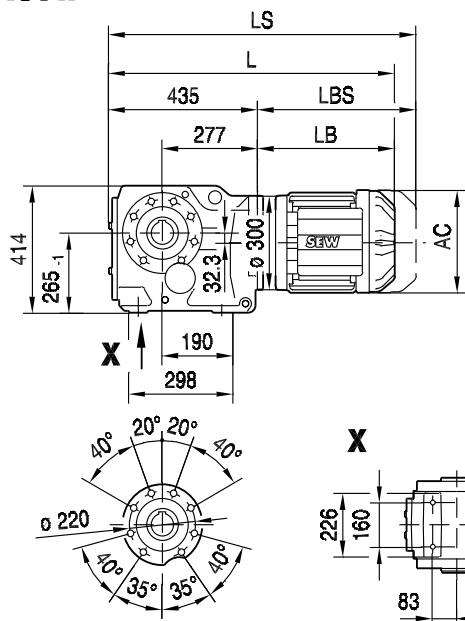
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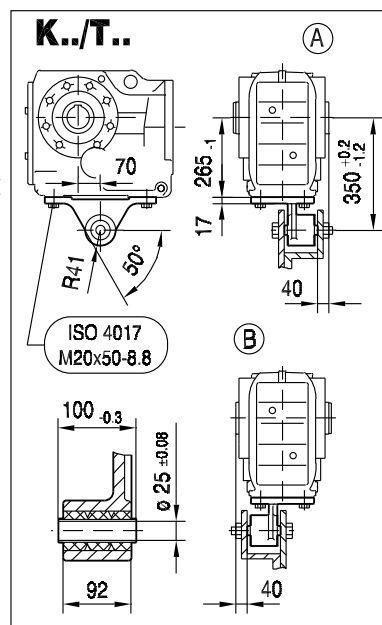
(→ 131)	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	179	179	197	197	221	221	270	316	316
AD	128	140	140	157	157	170	170	228	253	253
ADS	139	150	150	158	158	172	172	228	253	253
L	679	681	701	731	761	804	854	895	964	1024
LS	760	774	794	824	854	916	966	1032	1153	1213
LB	244	246	266	296	326	369	419	460	529	589
LBS	325	339	359	389	419	481	531	597	718	778



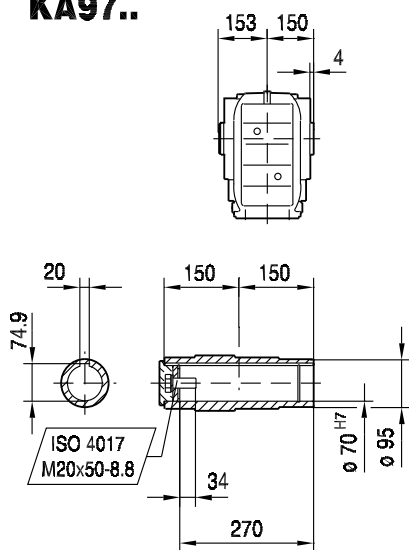
KA97..



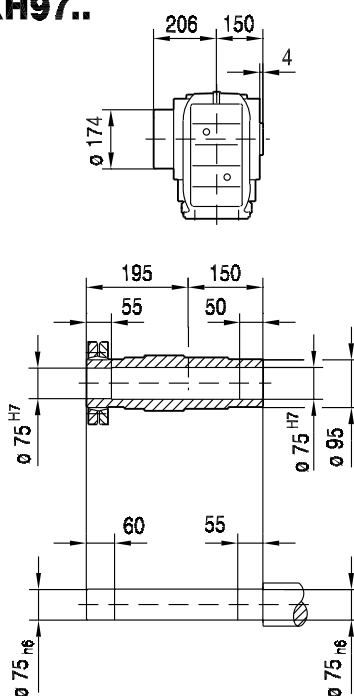
33 110 00 06



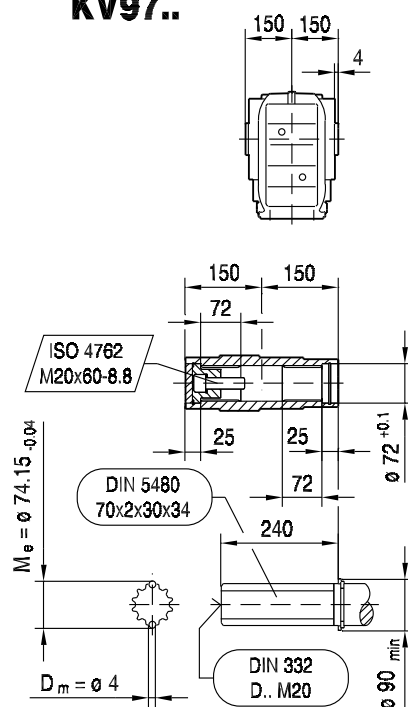
KA97..



KH97..

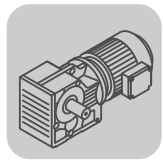


KV97..



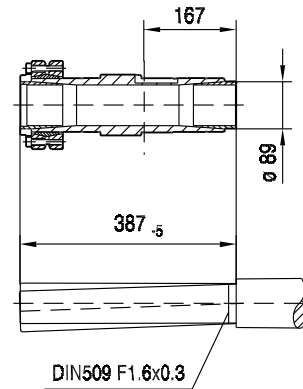
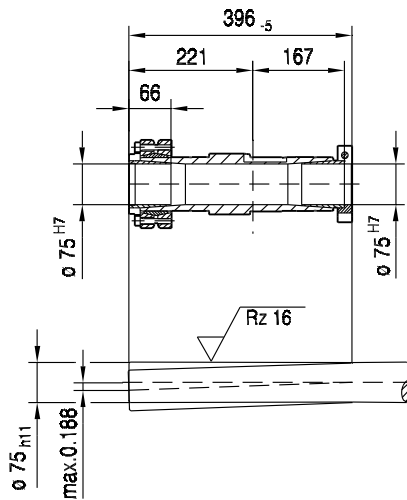
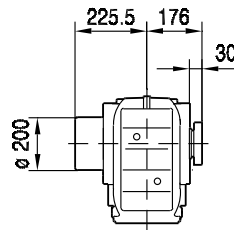
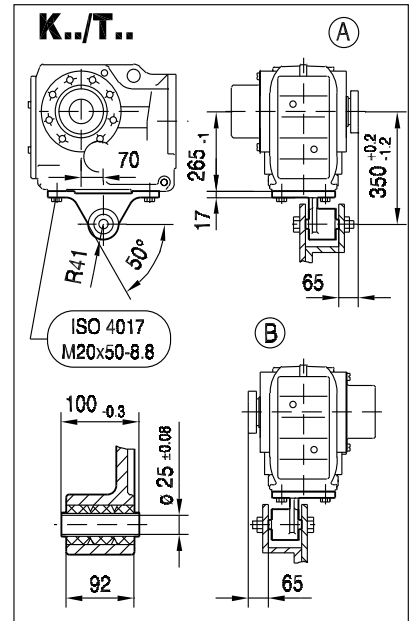
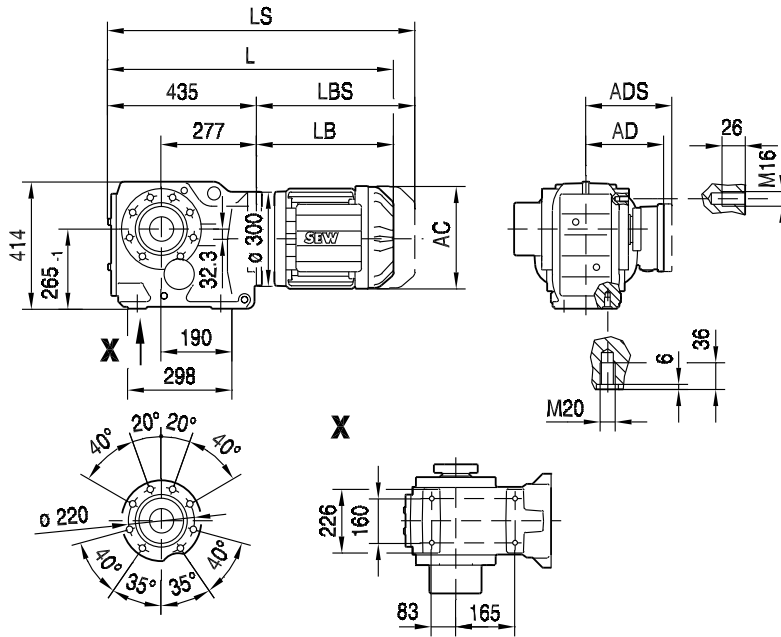
11

(→ 131)	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	179	179	197	197	221	221	270	316	316
AD	128	140	140	157	157	170	170	228	253	253
ADS	139	150	150	158	158	172	172	228	253	253
L	679	681	701	731	761	804	854	895	964	1024
LS	760	774	794	824	854	916	966	1032	1153	1213
LB	244	246	266	296	326	369	419	460	529	589
LBS	325	339	359	389	419	481	531	597	718	778



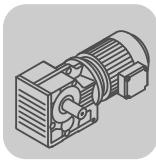
KT97..

33 112 00 06



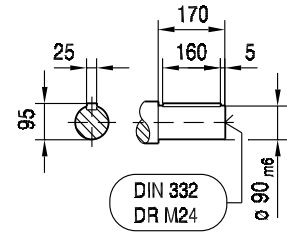
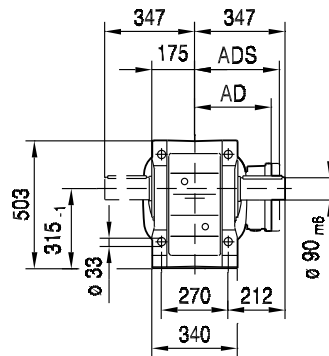
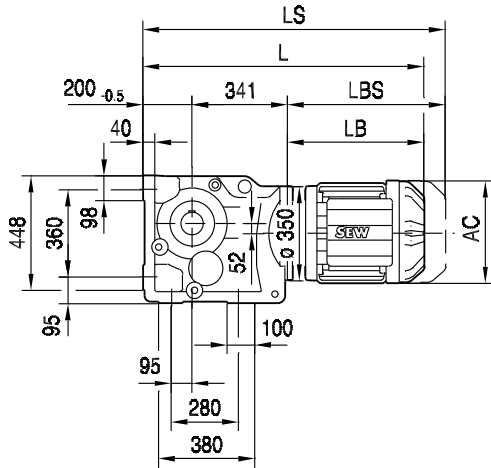
11

(→ 131)	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC
AC	156	179	179	197	197	221	221	270	316	316
AD	128	140	140	157	157	170	170	228	253	253
ADS	139	150	150	158	158	172	172	228	253	253
L	679	681	701	731	761	804	854	895	964	1024
LS	760	774	794	824	854	916	966	1032	1153	1213
LB	244	246	266	296	326	369	419	460	529	589
LBS	325	339	359	389	419	481	531	597	718	778

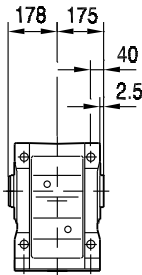


33 113 00 06

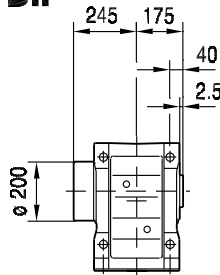
K107..



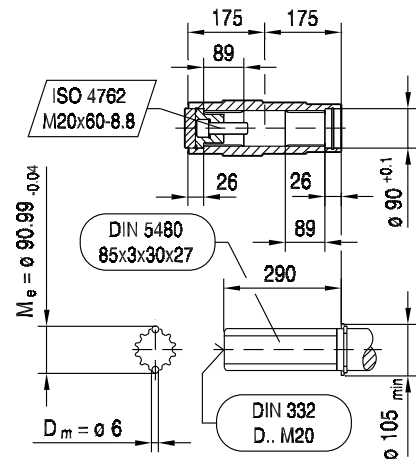
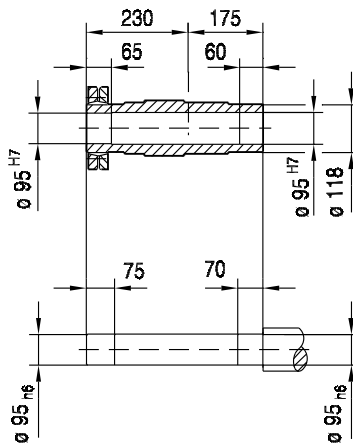
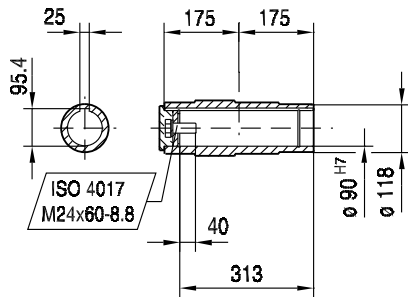
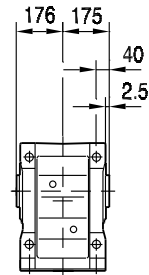
KA107B..



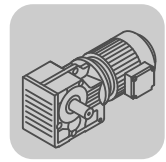
KH107B..



KV107B..

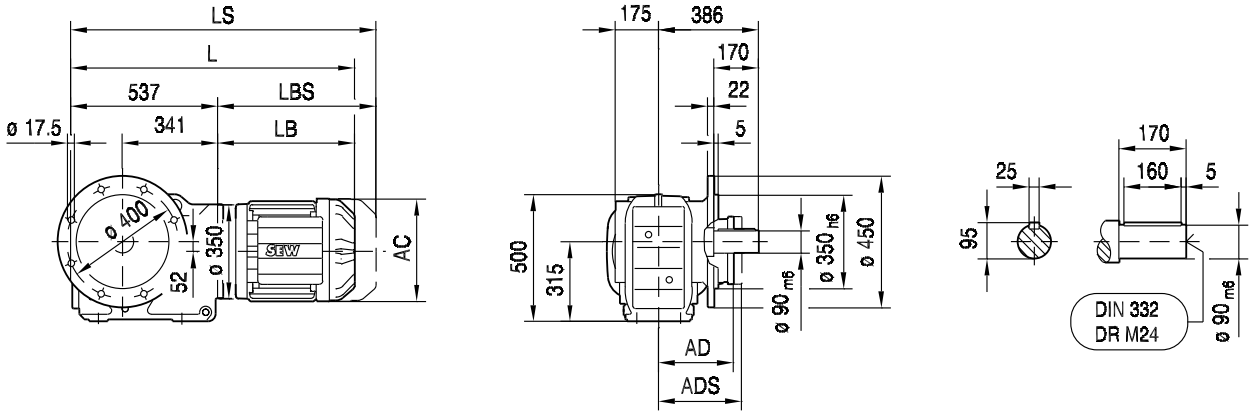


(→ 131)	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC
AC	197	197	221	221	270	316	316	394	394
AD	157	157	170	170	228	253	253	283	283
ADS	158	158	172	172	228	253	253	283	283
L	831	861	904	954	995	1064	1124	1197	1247
LS	924	954	1016	1066	1132	1253	1313	1402	1452
LB	290	320	363	413	454	523	583	656	706
LBS	383	413	475	525	591	712	772	861	911



KF107..

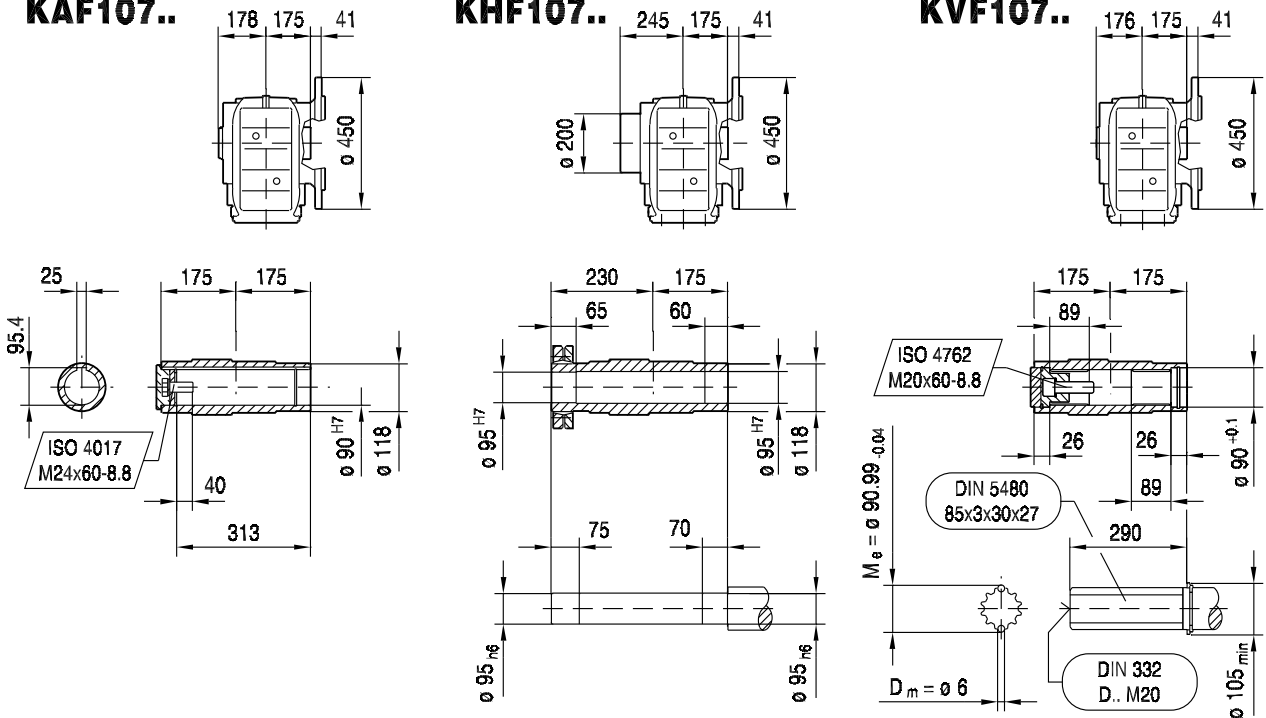
33 114 00 06



KAF107..

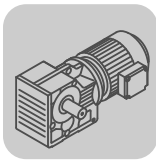
KHF107..

KVF107..



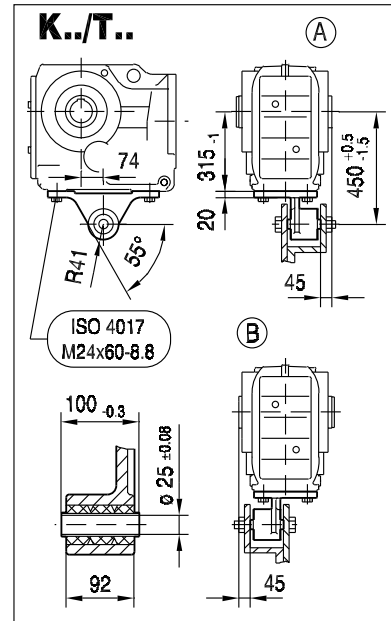
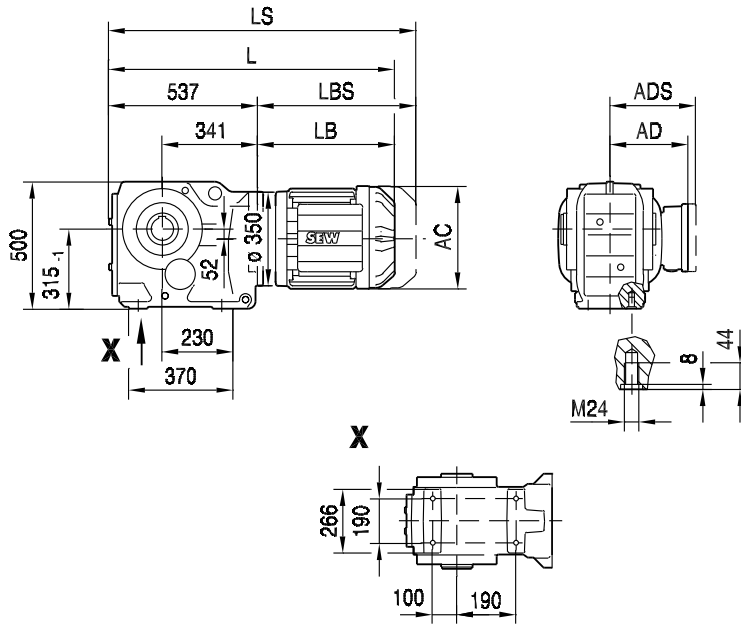
11

(→ 131)	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC
AC	197	197	221	221	270	316	316	394	394
AD	157	157	170	170	228	253	253	283	283
ADS	158	158	172	172	228	253	253	283	283
L	827	857	900	950	991	1060	1120	1193	1243
LS	920	950	1012	1062	1128	1249	1309	1398	1448
LB	290	320	363	413	454	523	583	656	706
LBS	383	413	475	525	591	712	772	861	911

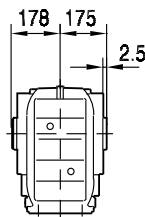


33 115 00 06

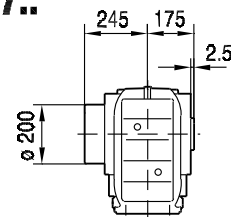
KA107..



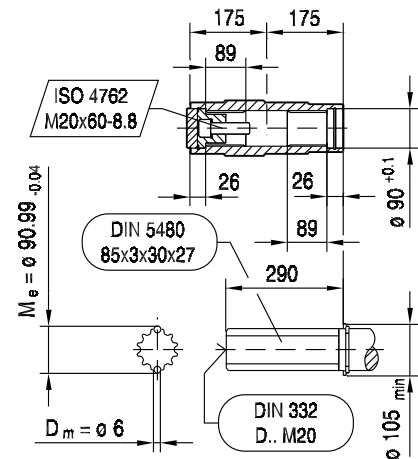
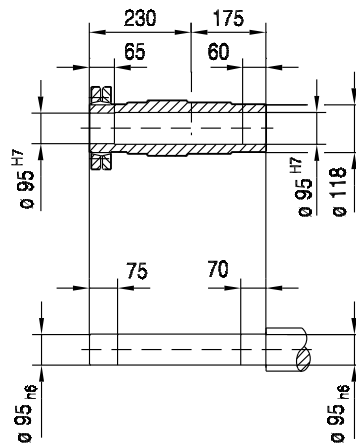
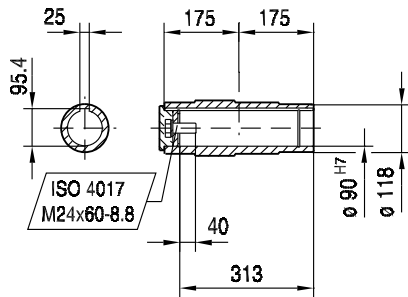
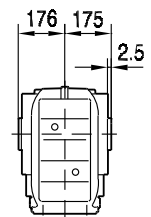
KA107..



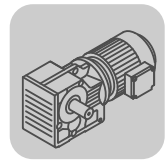
KH107..



KV107..

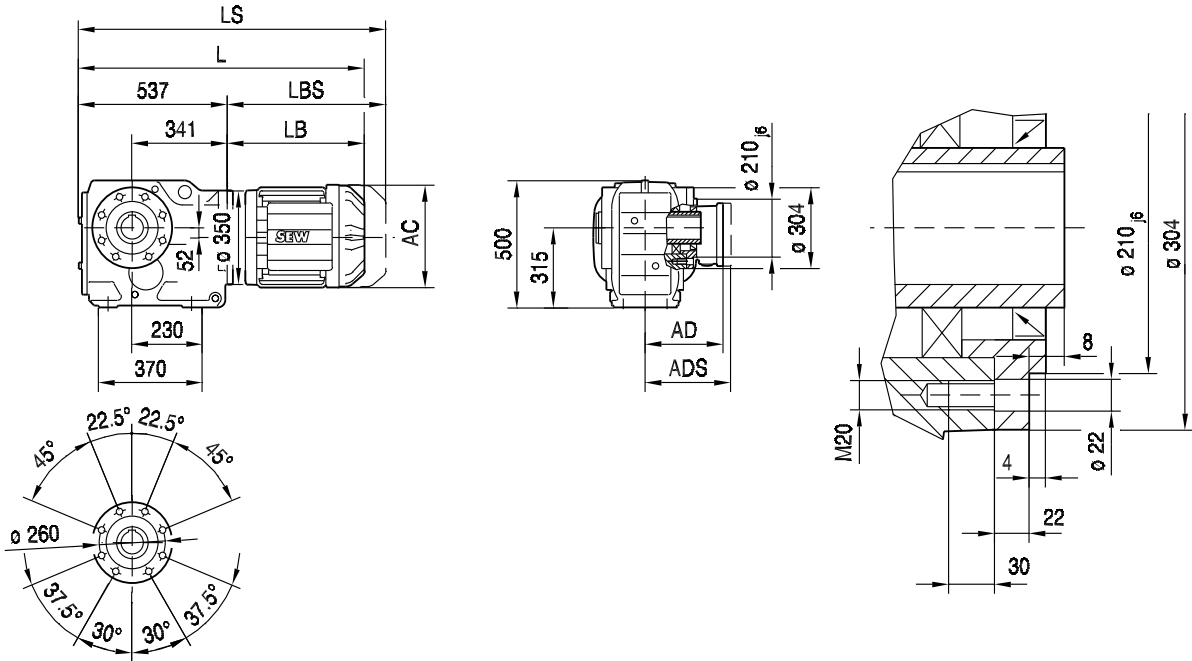


(→ 131)	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC
AC	197	197	221	221	270	316	316	394	394
AD	157	157	170	170	228	253	253	283	283
ADS	158	158	172	172	228	253	253	283	283
L	827	857	900	950	991	1060	1120	1193	1243
LS	920	950	1012	1062	1128	1249	1309	1398	1448
LB	290	320	363	413	454	523	583	656	706
LBS	383	413	475	525	591	712	772	861	911



KAZ107..

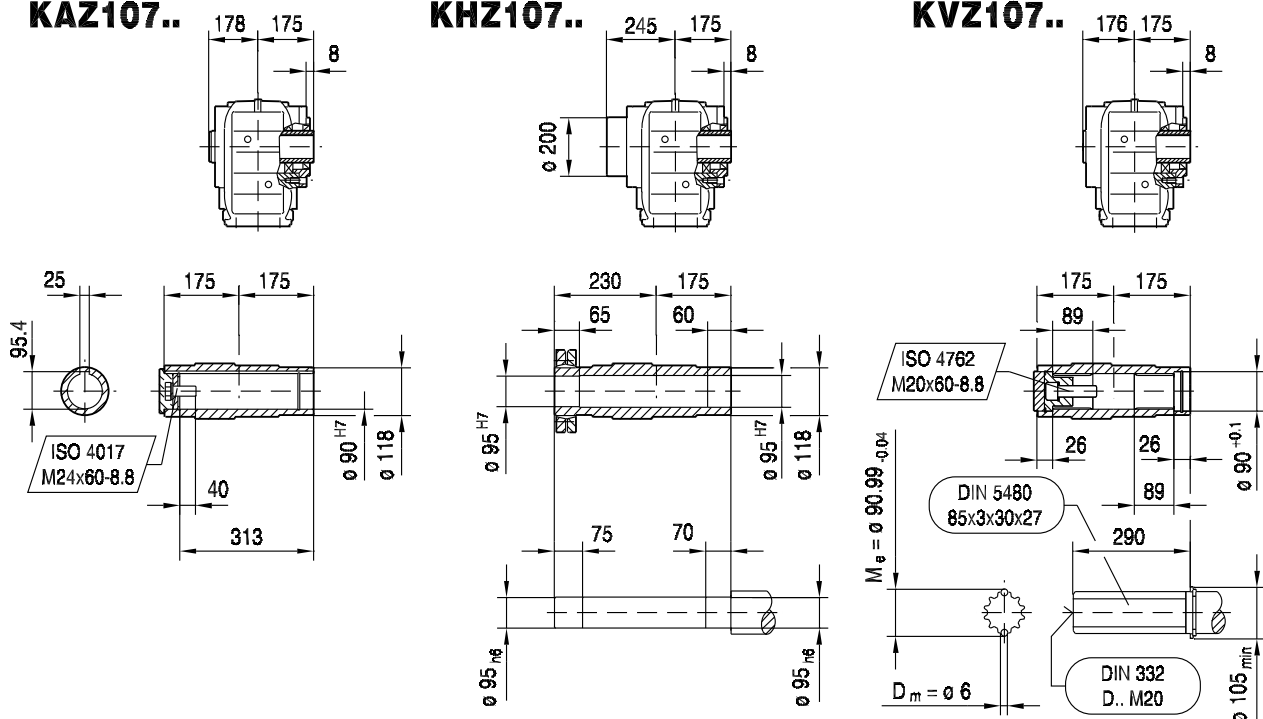
33 116 00 06



KAZ107..

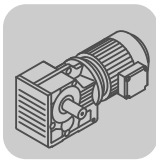
KHZ107..

KVZ107..



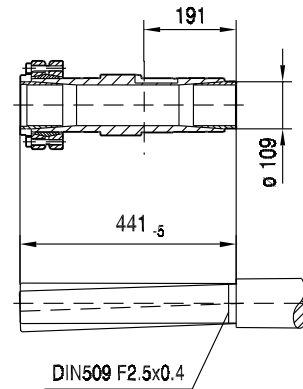
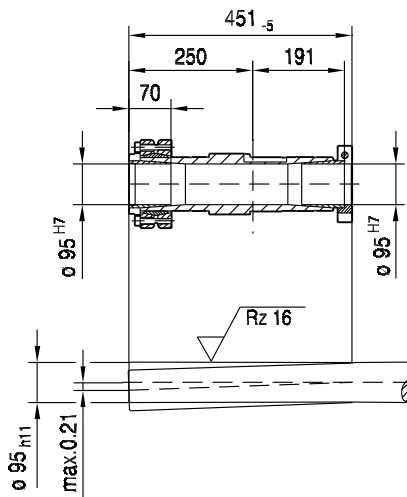
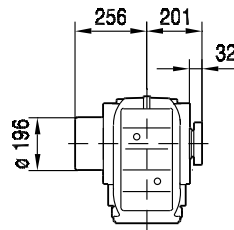
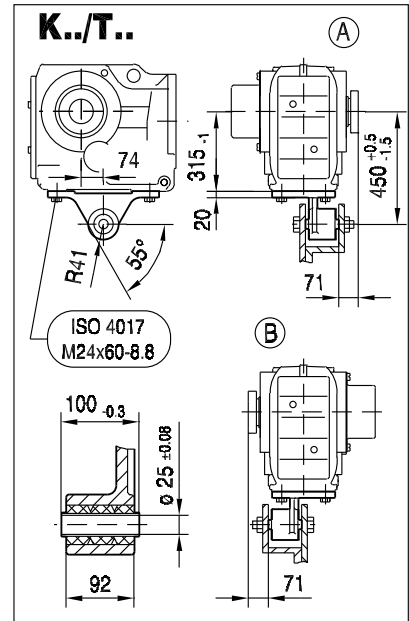
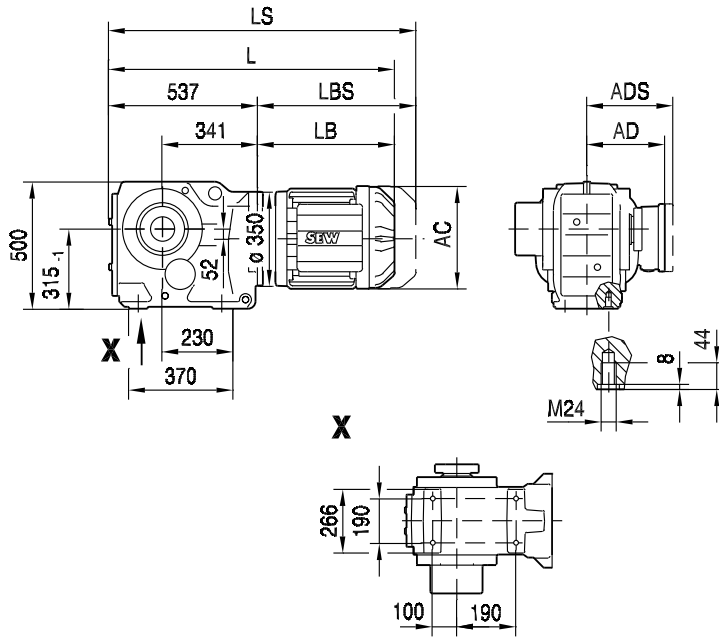
11

(→ 131)	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC
AC	197	197	221	221	270	316	316	394	394
AD	157	157	170	170	228	253	253	283	283
ADS	158	158	172	172	228	253	253	283	283
L	827	857	900	950	991	1060	1120	1193	1243
LS	920	950	1012	1062	1128	1249	1309	1398	1448
LB	290	320	363	413	454	523	583	656	706
LBS	383	413	475	525	591	712	772	861	911

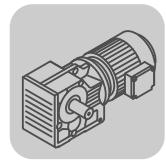


KT107..

33 117 00 06

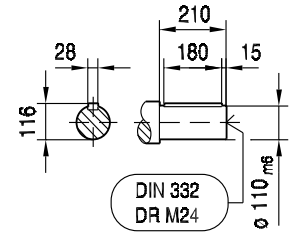
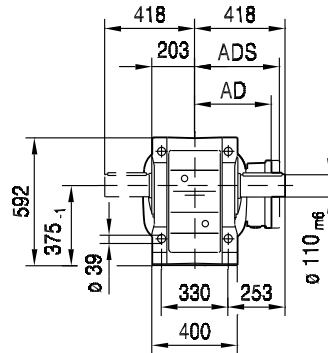
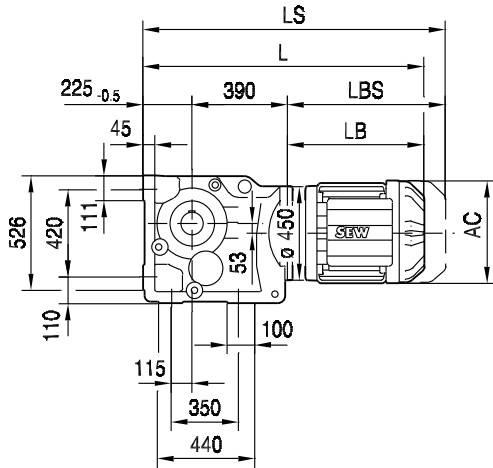


(→ 131)	DR100M	DR100L/LC	DR132S	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC
AC	197	197	221	221	270	316	316	394	394
AD	157	157	170	170	228	253	253	283	283
ADS	158	158	172	172	228	253	253	283	283
L	827	857	900	950	991	1060	1120	1193	1243
LS	920	950	1012	1062	1128	1249	1309	1398	1448
LB	290	320	363	413	454	523	583	656	706
LBS	383	413	475	525	591	712	772	861	911

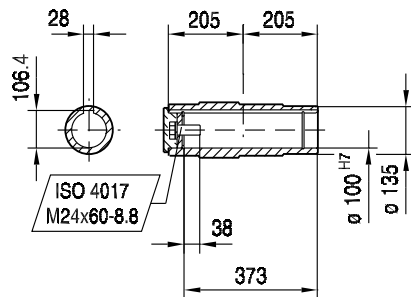
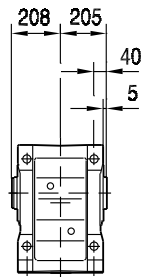


K127..

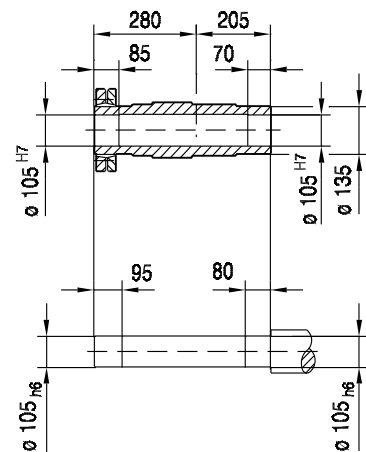
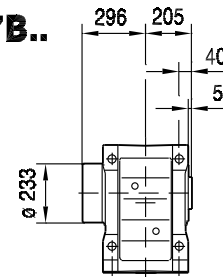
33 118 00 06^L



KA127B..

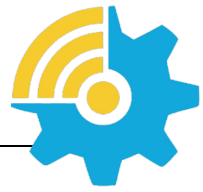
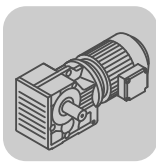


KH127B..

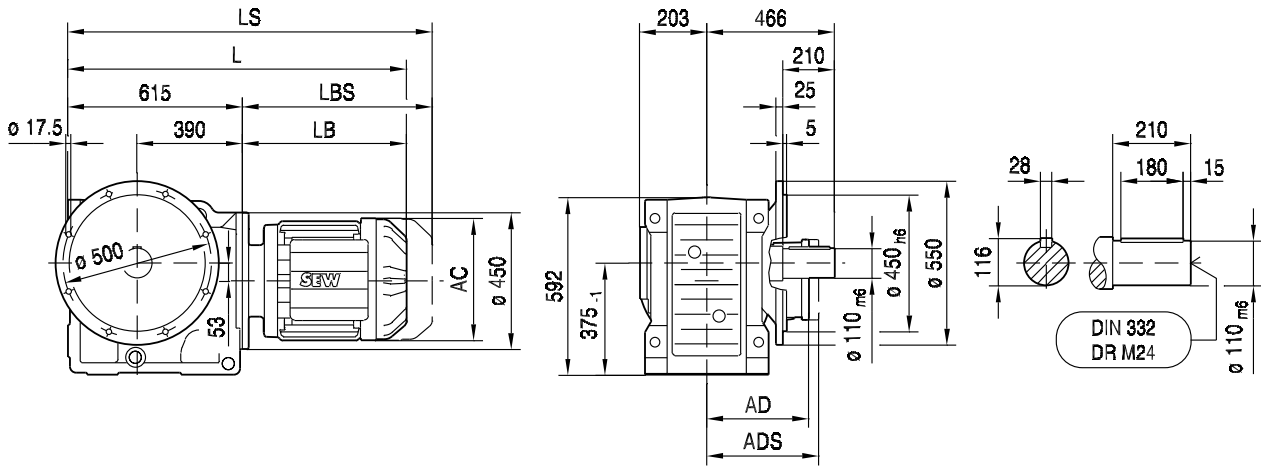


11

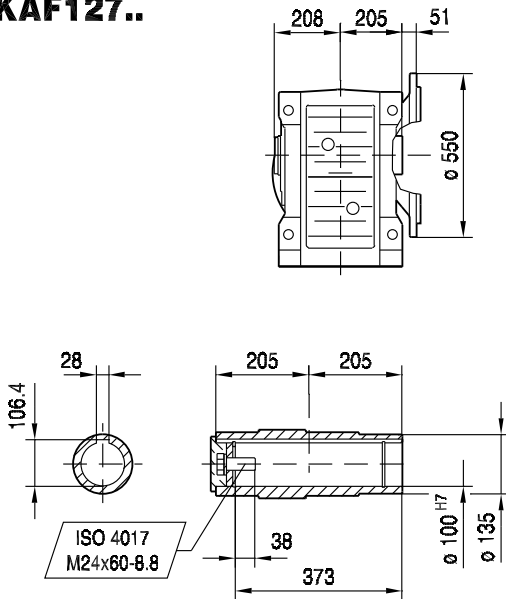
(→ 131)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	
AC	221	270	316	316	394	394	510	
AD	170	228	253	253	283	283	397	
ADS	172	228	253	253	283	283	397	
L	1013	1054	1123	1183	1256	1306	1395	
LS	1125	1191	1312	1372	1461	1511	1580	
LB	398	439	508	568	641	691	780	
LBS	510	576	697	757	846	896	965	



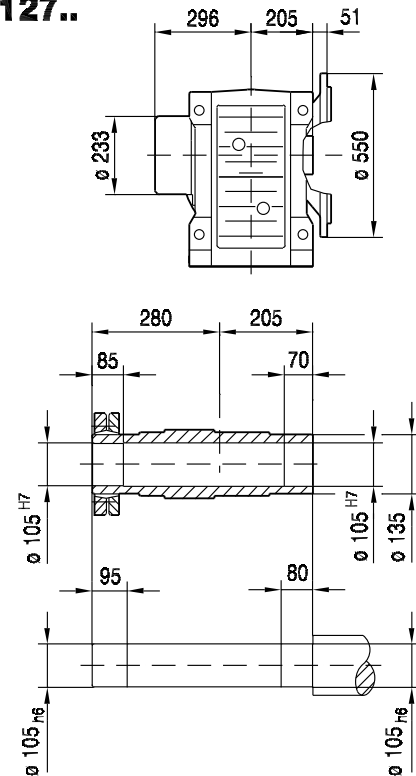
KF127..



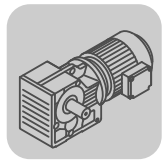
KAF127..



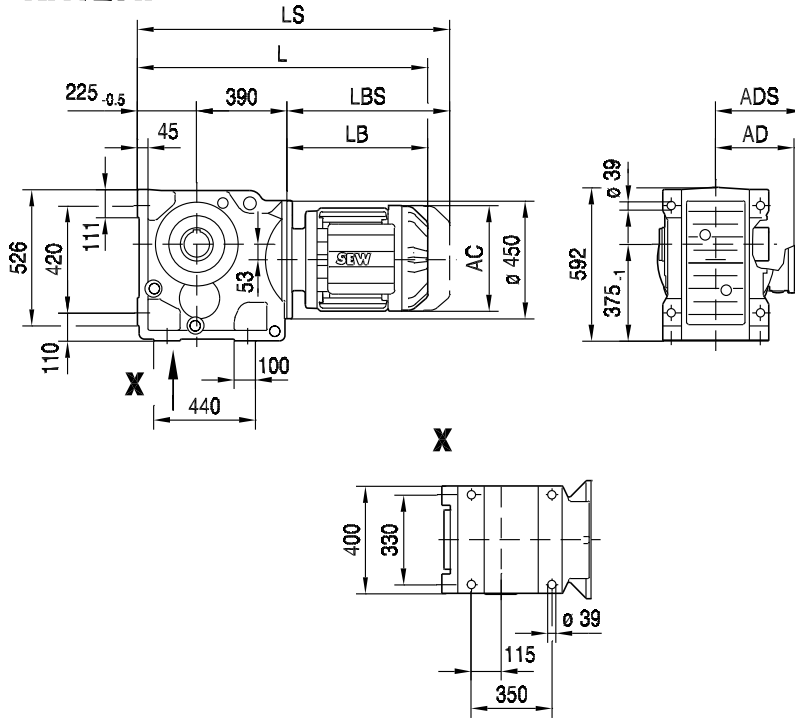
KHF127..



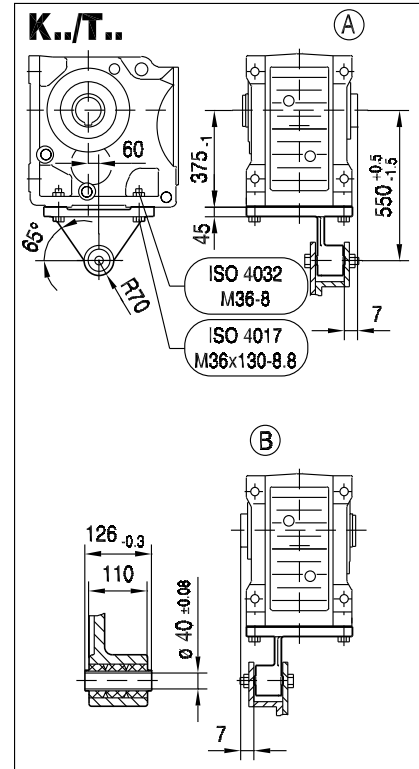
(→ 131)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	
AC	221	270	316	316	394	394	510	
AD	170	228	253	253	283	283	397	
ADS	172	228	253	253	283	283	397	
L	1013	1054	1123	1183	1256	1306	1395	
LS	1125	1191	1312	1372	1461	1511	1580	
LB	398	439	508	568	641	691	780	
LBS	510	576	697	757	846	896	965	



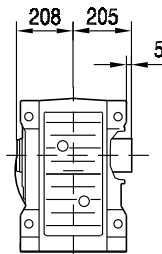
KA127..



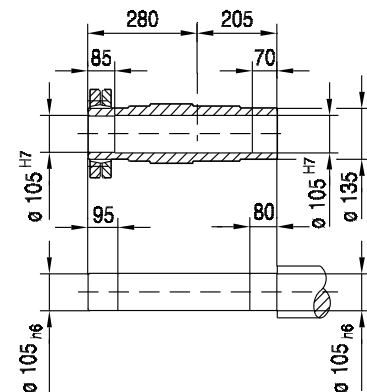
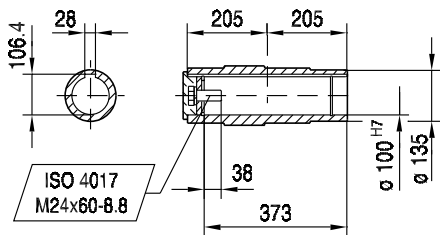
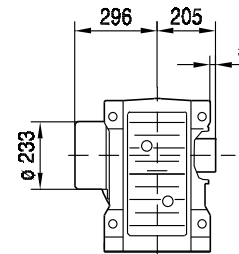
33 120 00 06^L



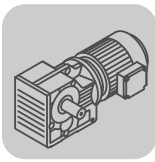
KA127..



KH127..

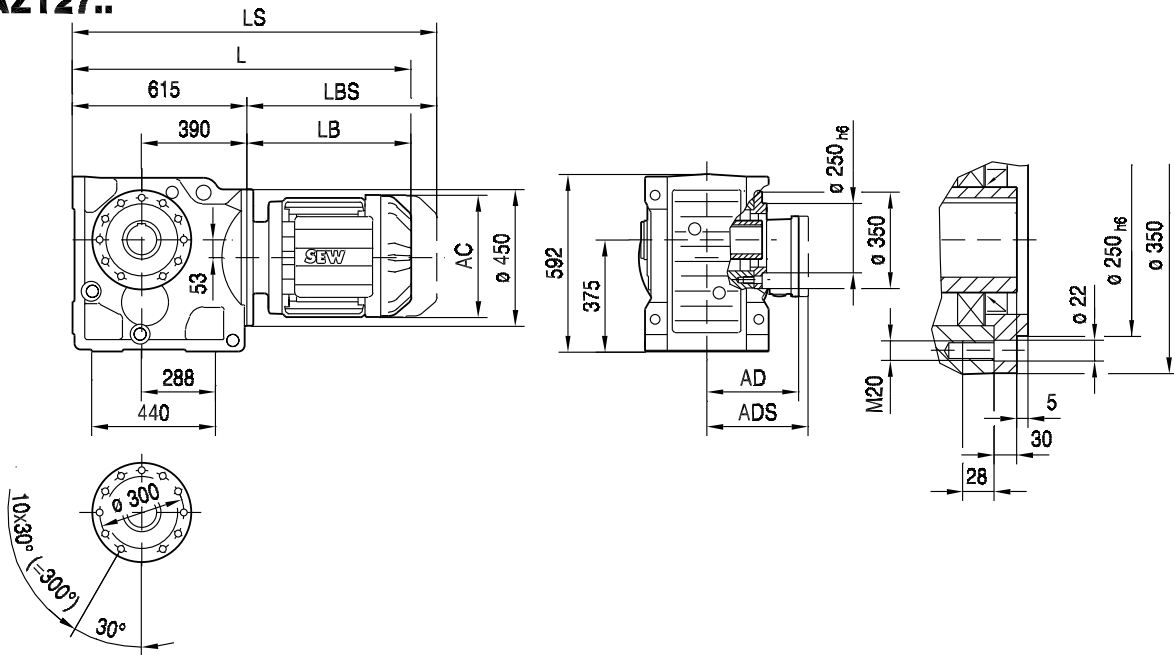


(→ 131)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..
AC	221	270	316	316	394	394	510
AD	170	228	253	253	283	283	397
ADS	172	228	253	253	283	283	397
L	1013	1054	1123	1183	1256	1306	1395
LS	1125	1191	1312	1372	1461	1511	1580
LB	398	439	508	568	641	691	780
LBS	510	576	697	757	846	896	965

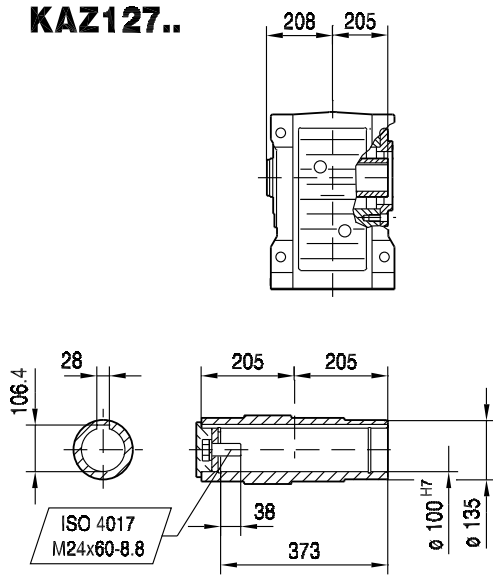


33 121 00 06

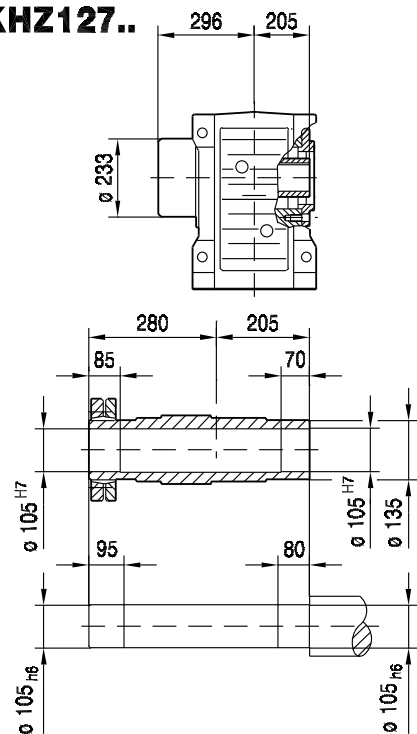
KAZ127..



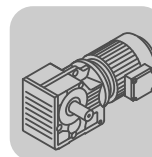
KAZ127..



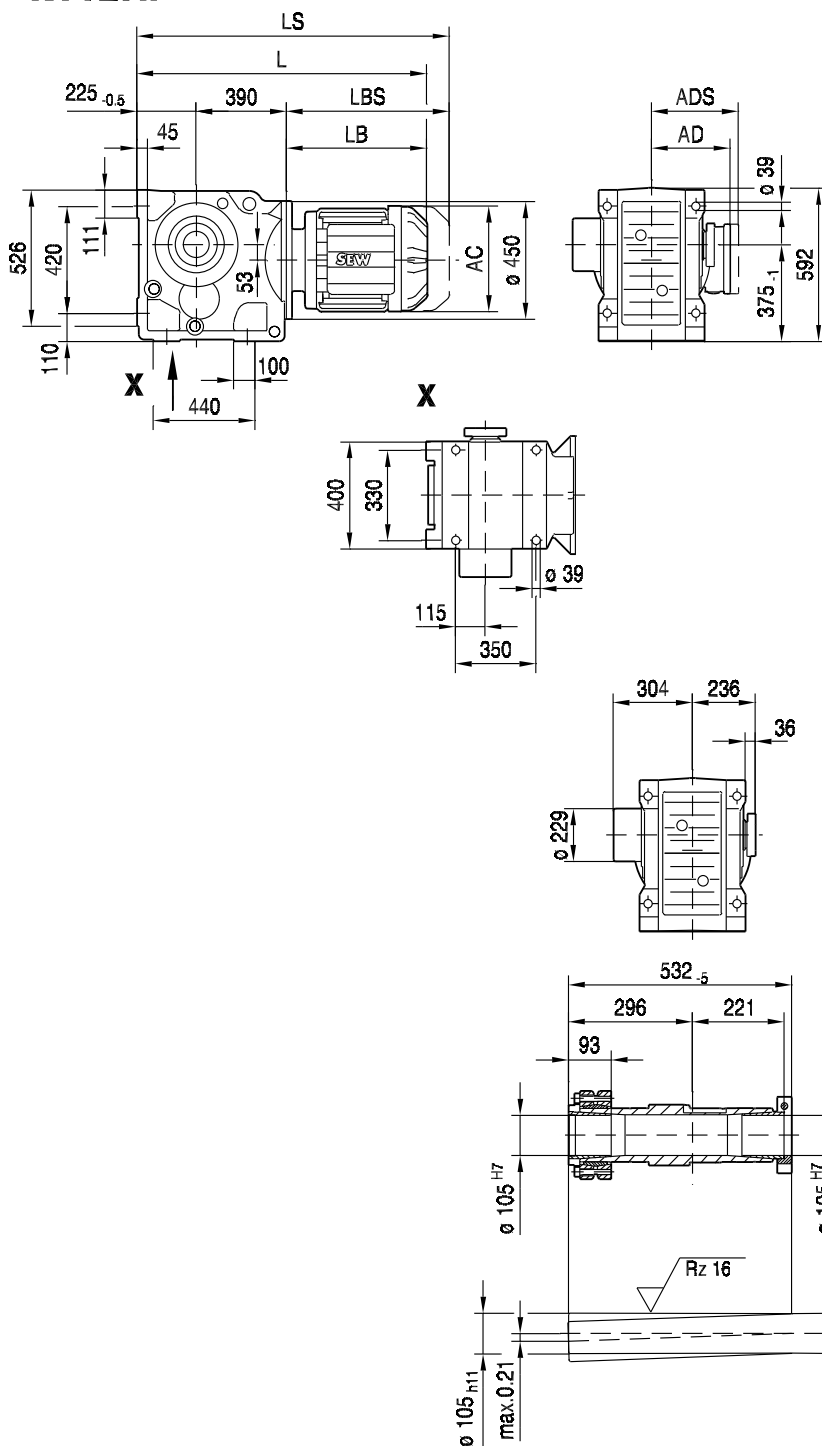
KHZ127..



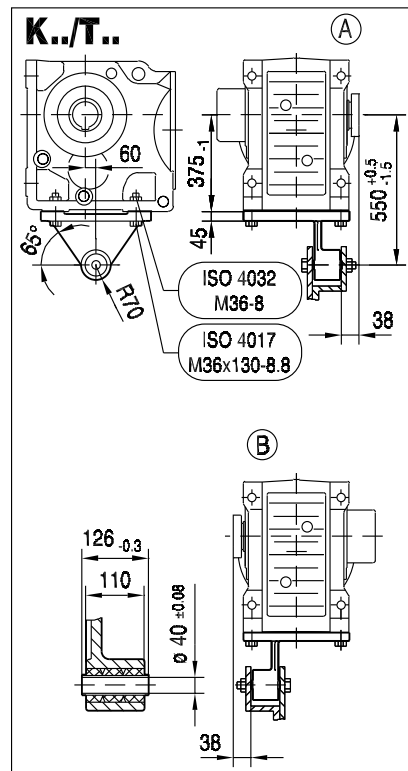
(→ 131)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	
AC	221	270	316	316	394	394	510	
AD	170	228	253	253	283	283	397	
ADS	172	228	253	253	283	283	397	
L	1013	1054	1123	1183	1256	1306	1395	
LS	1125	1191	1312	1372	1461	1511	1580	
LB	398	439	508	568	641	691	780	
LBS	510	576	697	757	846	896	965	



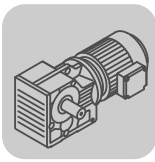
KT127..



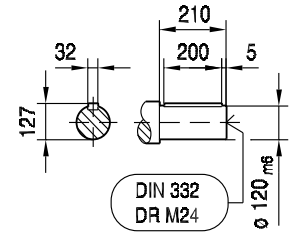
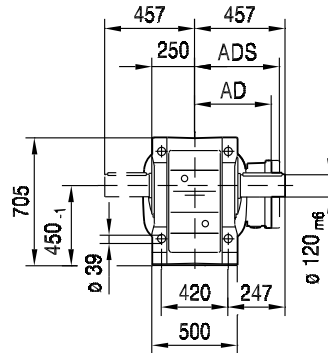
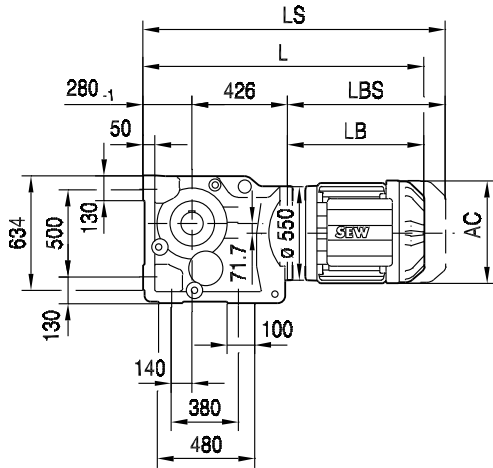
33 122 00 06



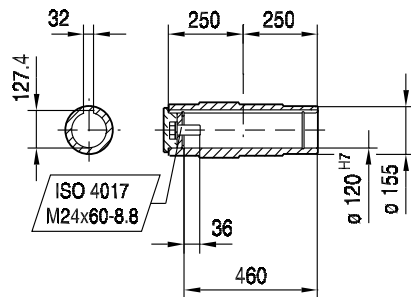
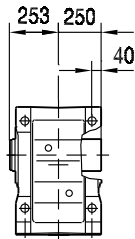
(→ 131)	DR132M/MC	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..
AC	221	270	316	316	394	394	510
AD	170	228	253	253	283	283	397
ADS	172	228	253	253	283	283	397
L	1013	1054	1123	1183	1256	1306	1395
LS	1125	1191	1312	1372	1461	1511	1580
LB	398	439	508	568	641	691	780
LBS	510	576	697	757	846	896	965



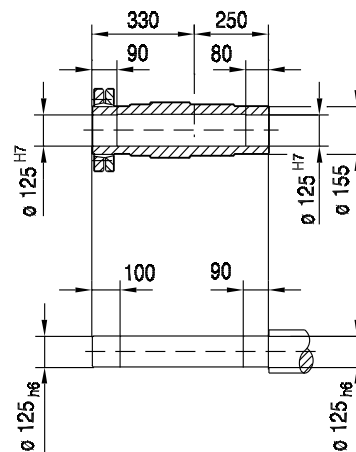
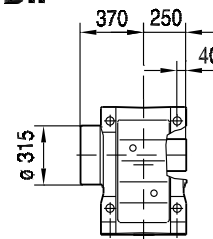
K157..



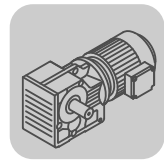
KA157B..



KH157B..

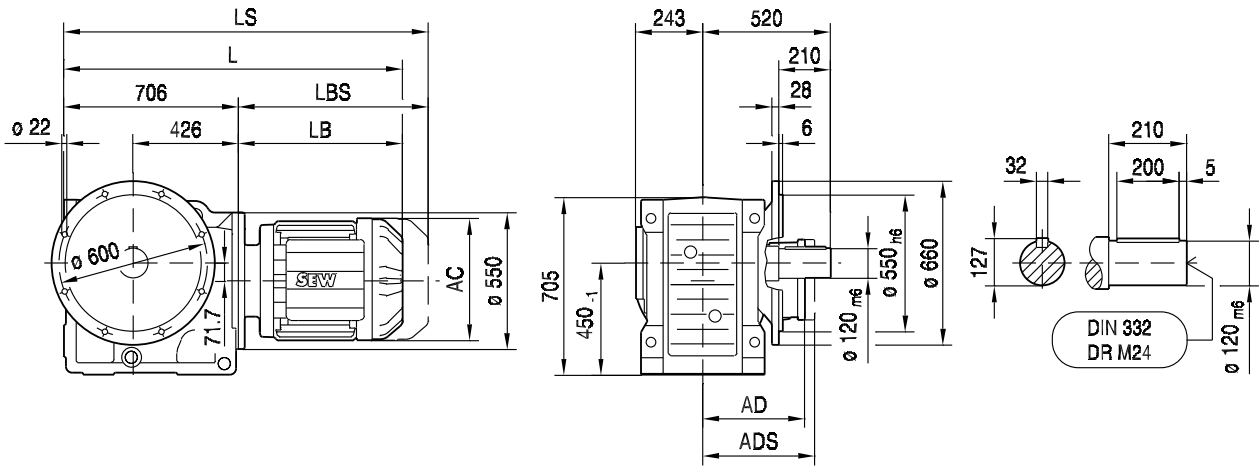


(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1137	1206	1266	1339	1389	1477	1647	1777
LS	1274	1395	1455	1544	1594	1662	1898	2028
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322

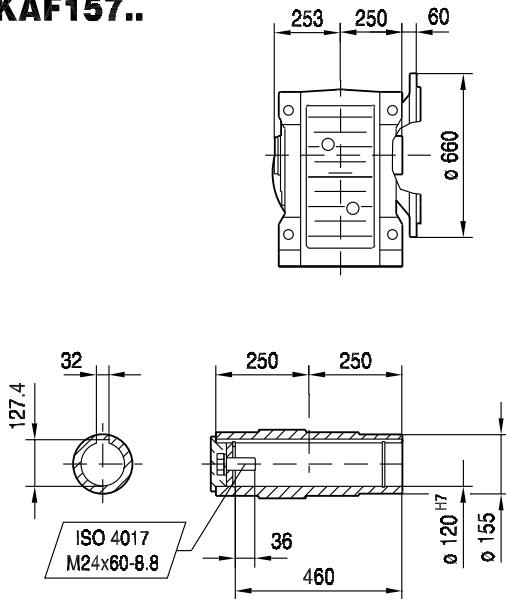


33 124 00 06 ^L

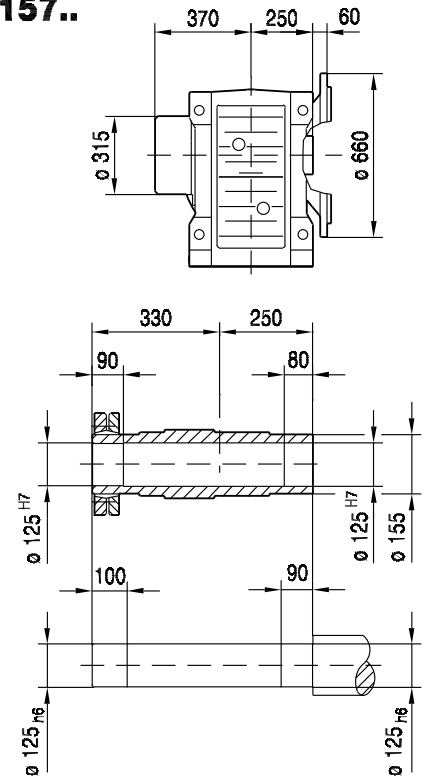
KF157..



KAF157..

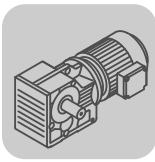


KHF157..



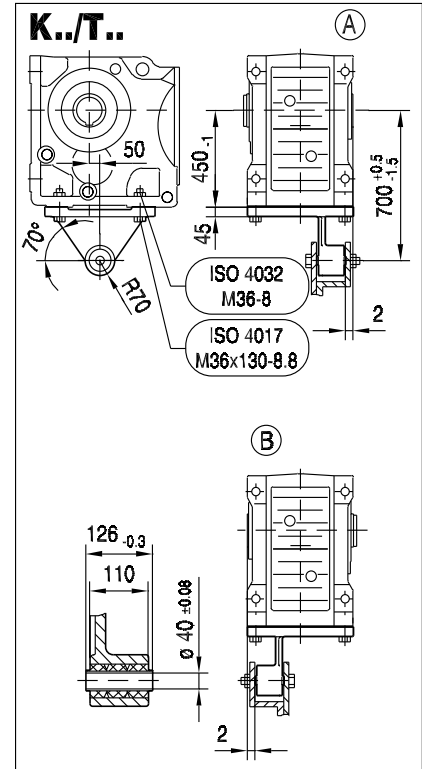
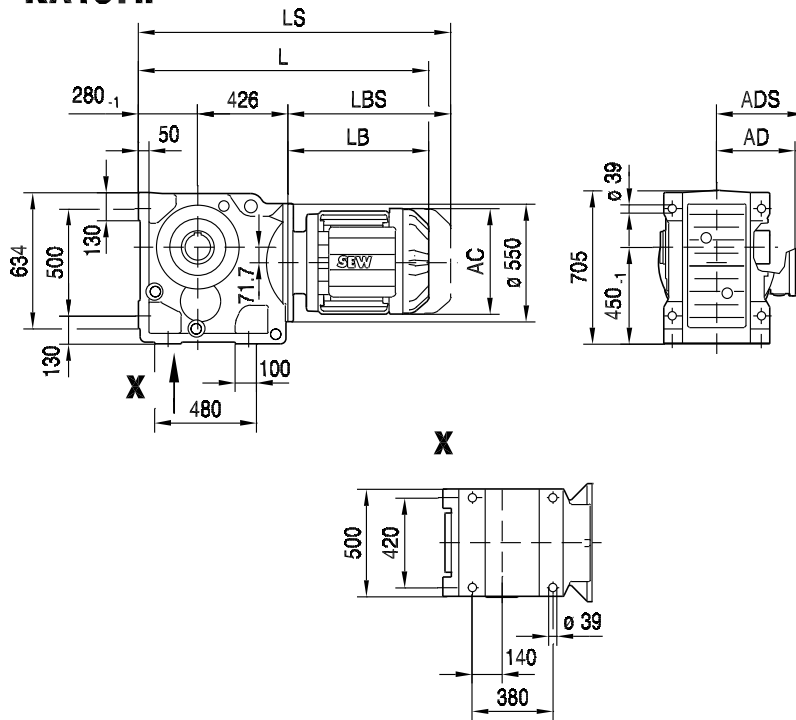
11

(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1137	1206	1266	1339	1389	1477	1647	1777
LS	1274	1395	1455	1544	1594	1662	1898	2028
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322

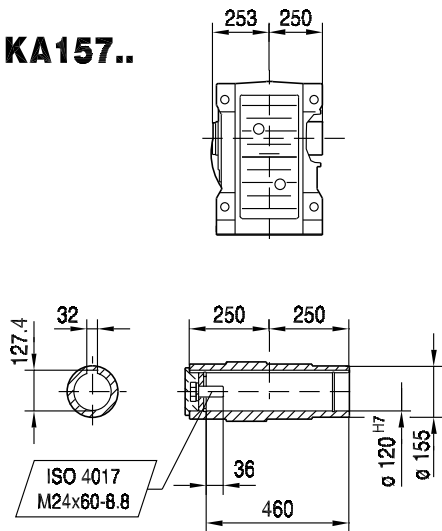


33 125 00 06

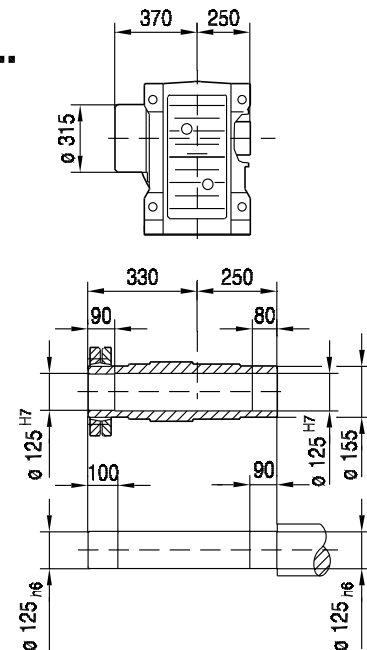
KA157..



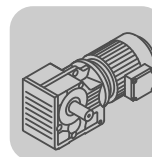
KA157..



KH157..

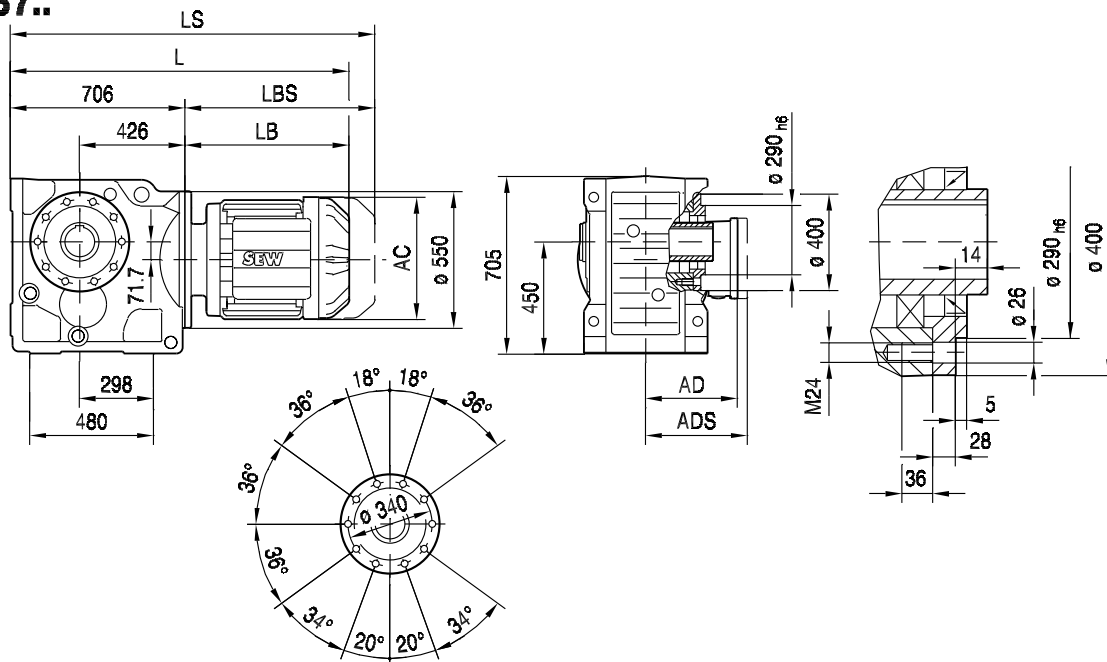


(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1137	1206	1266	1339	1389	1477	1647	1777
LS	1274	1395	1455	1544	1594	1662	1898	2028
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322

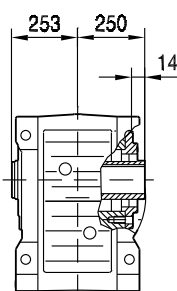


33 126 00 06^L

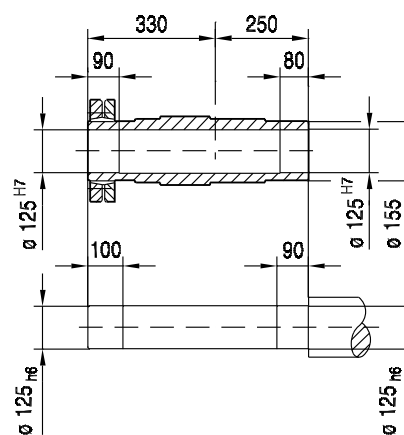
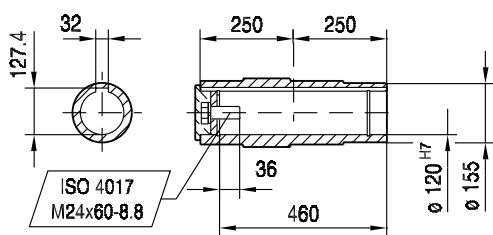
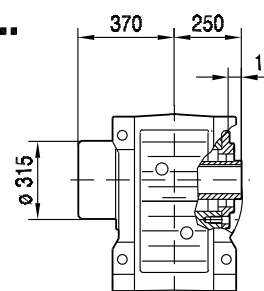
KAZ157..



KAZ157..



KHZ157..



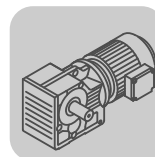
11

(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1137	1206	1266	1339	1389	1477	1647	1777
LS	1274	1395	1455	1544	1594	1662	1898	2028
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322



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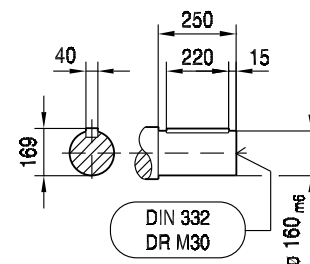
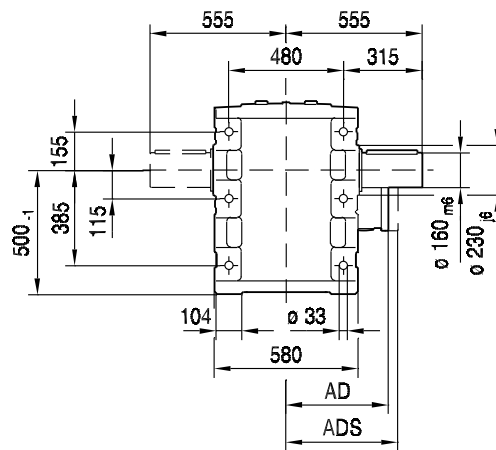
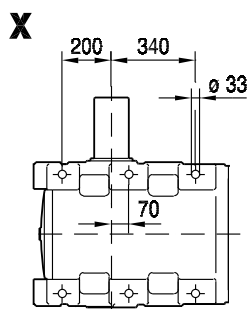
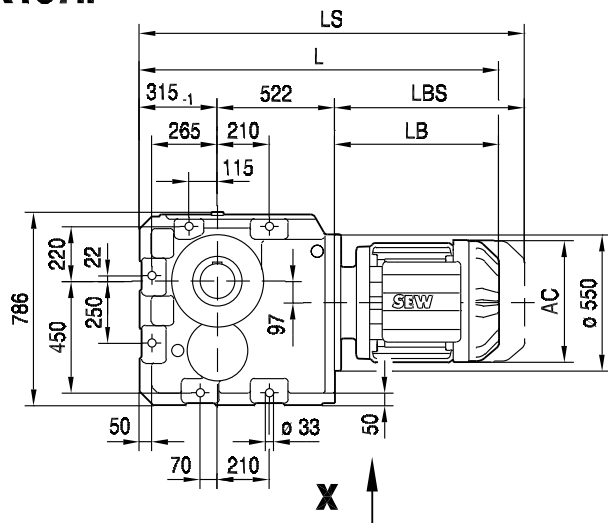
K..DRS
K..DRS [mm]



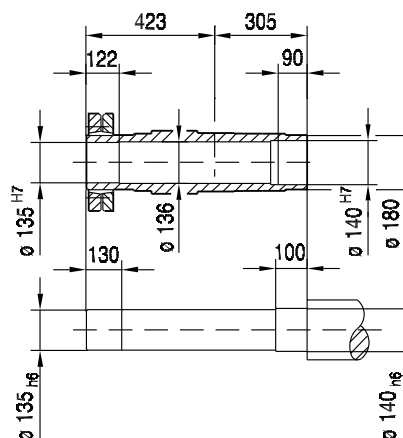
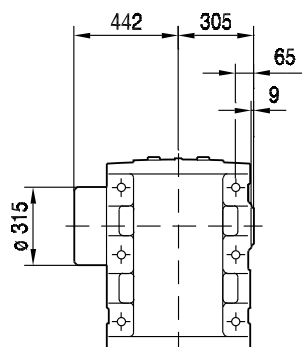
11

33 128 00 06

K167..

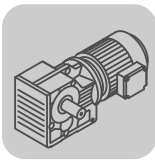


KH167B..

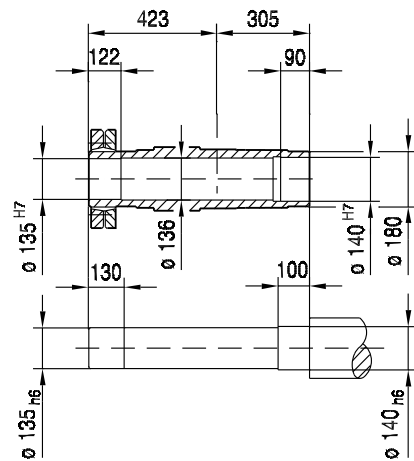
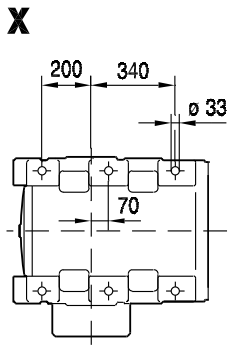
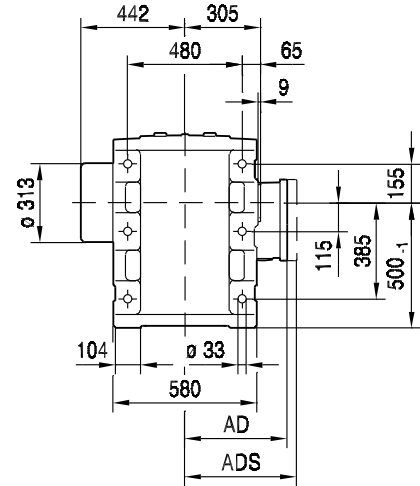
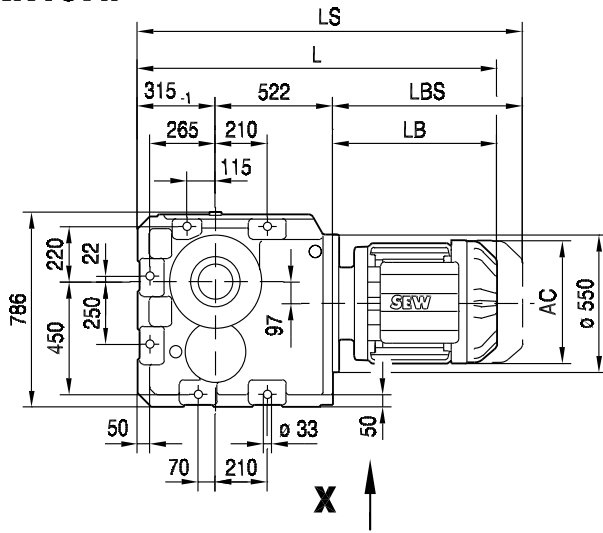


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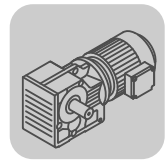
(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1268	1337	1397	1470	1520	1608	1778	1908
LS	1405	1526	1586	1675	1725	1793	2029	2159
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322



KH167..

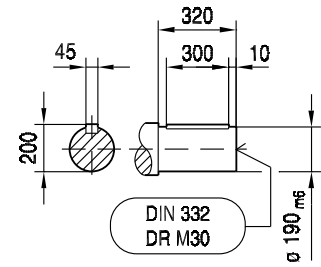
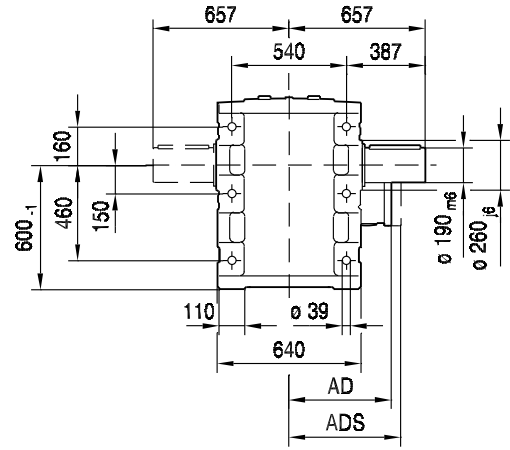
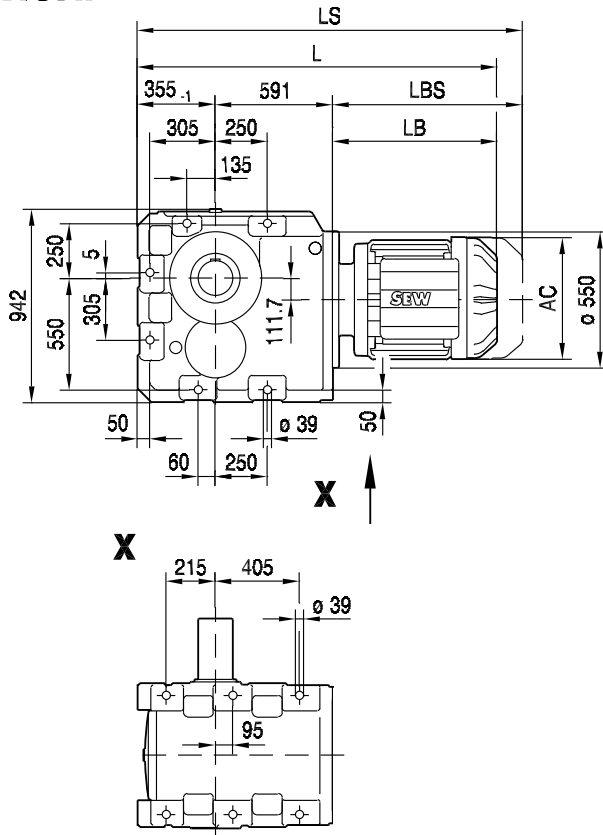


(→ 131)	DR160..	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L
AC	270	316	316	394	394	510	624	624
AD	228	253	253	283	283	397	506	521
ADS	228	253	253	283	283	397	506	521
L	1268	1337	1397	1470	1520	1608	1778	1908
LS	1405	1526	1586	1675	1725	1793	2029	2159
LB	431	500	560	633	683	771	941	1071
LBS	568	689	749	838	888	956	1192	1322

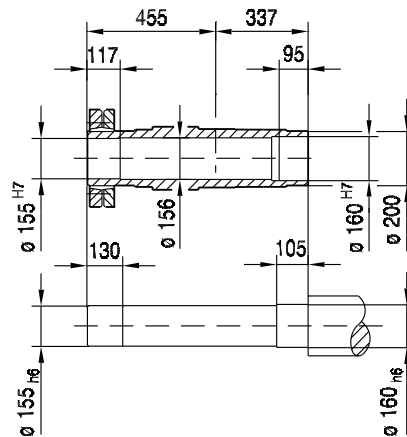
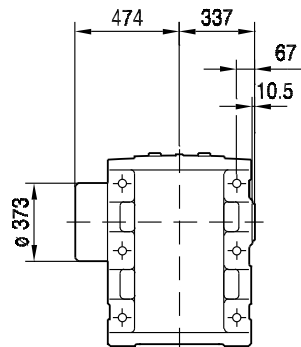


33 130 00 06^L

K187..

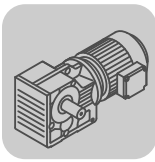


KH187B..

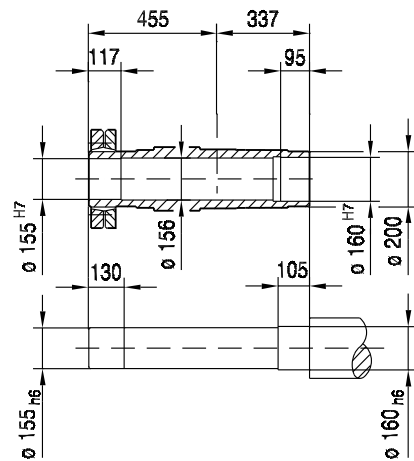
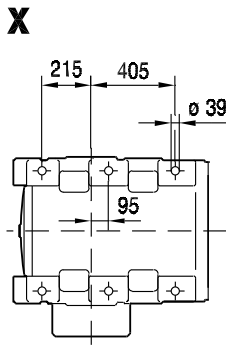
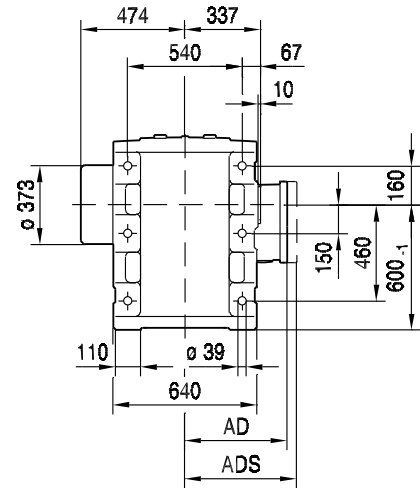
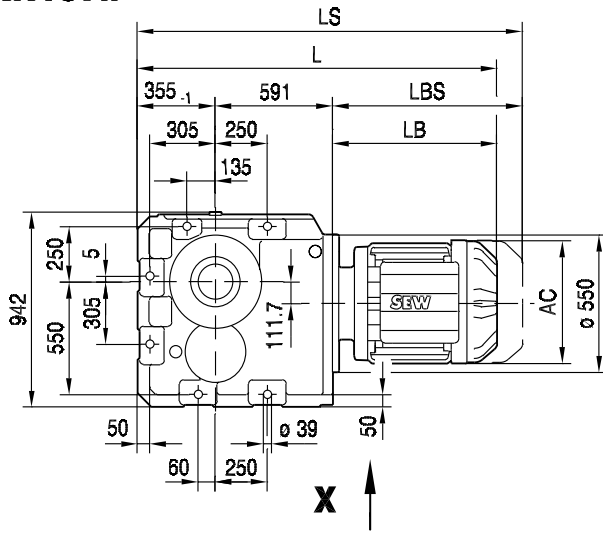


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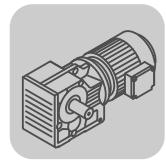
(→ 131)	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L	
AC	316	316	394	394	510	624	624	
AD	253	253	283	283	397	506	521	
ADS	253	253	283	283	397	506	521	
L	1446	1506	1579	1629	1717	1887	2017	
LS	1635	1695	1784	1834	1902	2138	2268	
LB	500	560	633	683	771	941	1071	
LBS	689	749	838	888	956	1192	1322	



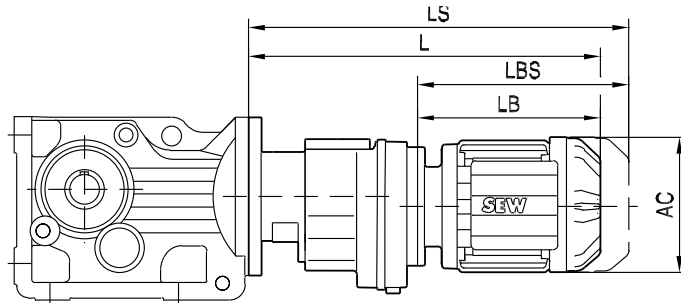
KH187..



(→ 131)	DR180S/M	DR180L/LC	DR225S	DR225M/MC	DV280..	DR315K/S	DR315M/L	
AC	316	316	394	394	510	624	624	
AD	253	253	283	283	397	506	521	
ADS	253	253	283	283	397	506	521	
L	1446	1506	1579	1629	1717	1887	2017	
LS	1635	1695	1784	1834	1902	2138	2268	
LB	500	560	633	683	771	941	1071	
LBS	689	749	838	888	956	1192	1322	



33 133 00 06



(→ 131)		AC	L	LS	LB	LBS
K..37R17	DR63S..	132	324	379	149	204
	DR71S..	139	335	403	160	228
K..47R17	DR63S..	132	356	411	191	246
	DR71S..	139	367	435	202	270
	DR71M..	139	392	460	227	295
	DR80S..	156	401	482	236	317
K..57R37 K..67R37	DR63..	132	356	411	191	246
	DR71S..	139	367	435	202	270
	DR71M..	139	392	460	227	295
	DR80S..	156	401	482	236	317
K..77R37	DR80M..	156	432	513	267	348
	DR63..	132	348	403	191	246
	DR71S..	139	359	427	202	270
	DR71M..	139	384	452	227	295
	DR80S..	156	393	474	236	317
	DR80M..	156	424	505	267	348
K..87R57	DR90M..	179	426	519	269	362
	DR90L..	179	446	539	289	382
	DR63..	132	401	456	185	240
	DR71S..	139	412	479	196	263
	DR71M..	139	437	504	221	288
	DR80S..	156	446	527	230	311
	DR80M..	156	477	558	261	342
K..97R57	DR80M..	156	477	558	261	342
	DR90M..	179	478	572	262	356
	DR90L..	179	498	592	282	376
	DR100M..	197	528	622	312	406
	DR63..	132	396	451	185	240
	DR71S..	139	407	474	196	263
	DR71M..	139	432	499	221	288
	DR80S..	156	441	522	230	311
	DR80M..	156	472	553	261	342
	DR90M..	179	473	567	262	356
K..107R77	DR90L..	179	493	587	282	376
	DR100M..	197	523	617	312	406
	DR100LC..	197	553	647	342	436
	DR63..	132	426	481	179	234
	DR71S..	139	437	504	190	257
	DR71M..	139	462	529	215	282
	DR80S..	156	470	551	223	304
	DR80M..	156	501	582	254	335
	DR90M..	179	501	595	254	348
	DR90L..	179	521	615	274	368
K..127R77	DR100M..	197	551	645	304	398
	DR100LC..	197	581	675	334	428
	DR132S..	221	626	738	379	491
	DR132M/MC..	221	676	788	429	541
	DR63..	132	411	466	179	234

(→ 131)		AC	L	LS	LB	LBS
K..127R77	DR71S..	139	422	489	190	257
	DR71M..	139	447	514	215	282
	DR80S..	156	455	536	223	304
	DR80M..	156	486	567	254	335
	DR90M..	179	486	580	254	348
	DR90L..	179	506	600	274	368
	DR100M..	197	536	630	304	398
	DR100LC..	197	566	660	334	428
	DR132S..	221	611	723	379	491
	K..127R87	DR90M..	179	530	624	250
DR90L..		179	550	644	270	364
DR100M..		197	580	674	300	394
DR100LC..		197	610	704	330	424
DR132S..		221	654	766	374	486
DR132M/MC..		221	704	816	424	536
DR160..		272	745	882	465	602
K..157R97 K..167R97	DR71M..	139	529	596	204	271
	DR80S..	156	538	619	213	294
	DR80M..	156	569	650	244	325
	DR90M..	179	569	663	244	338
	DR90L..	179	589	683	264	358
	DR100M..	197	619	713	294	388
	DR100LC..	197	649	743	324	418
K..187R97	DR132S..	221	694	806	369	481
	DR132M/MC..	221	744	856	419	531
	DR160..	272	785	922	460	597
	DR71M..	139	529	596	204	271
	DR80S..	156	538	619	213	294
	DR80M..	156	569	650	244	325
	DR90M..	179	569	663	244	338
	DR90L..	179	589	683	264	358
	DR100M..	197	619	713	294	388
	DR100LC..	197	649	743	324	418
K..157R107	DR132S..	221	694	806	369	481
	DR132M/MC..	221	744	856	419	531
	DR160..	272	785	922	460	597
	DR180M..	317	871	1070	546	745
	DR132MC..	221	795	907	413	525
K..167R107 K..187R107	DR160..	272	836	973	454	591
	DR180M	317	922	1121	540	739
	DR180L/HC	317	982	1181	600	799
	DR132M/MC..	221	795	907	413	525
K..167R107 K..187R107	DR160..	272	836	973	454	591
	DR180M..	317	922	1121	540	739
	DR180L/HC	317	982	1181	600	799
	DR225S..	394	1023	1243	641	861
	DR225M/MC..	394	1088	1308	706	926