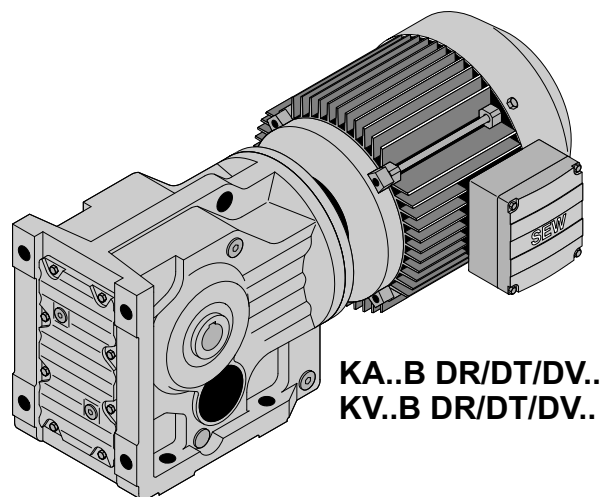
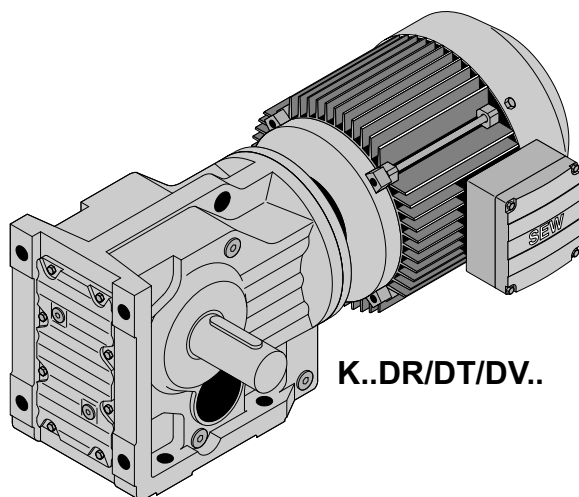
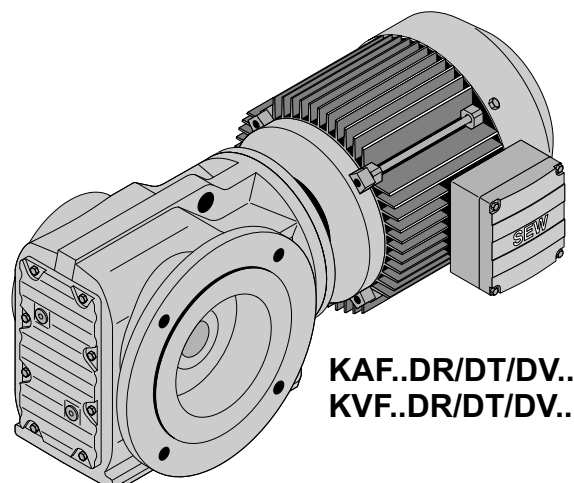
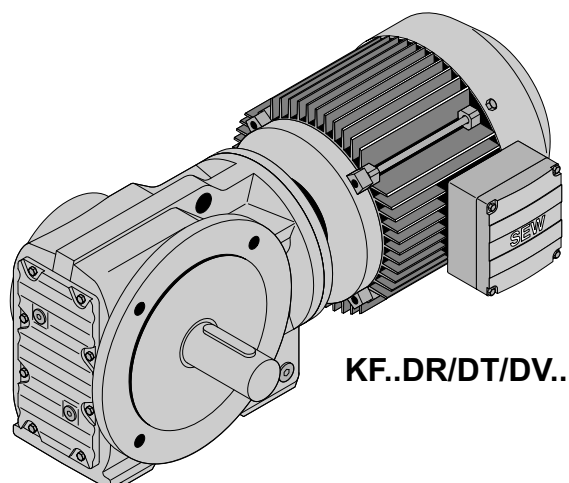
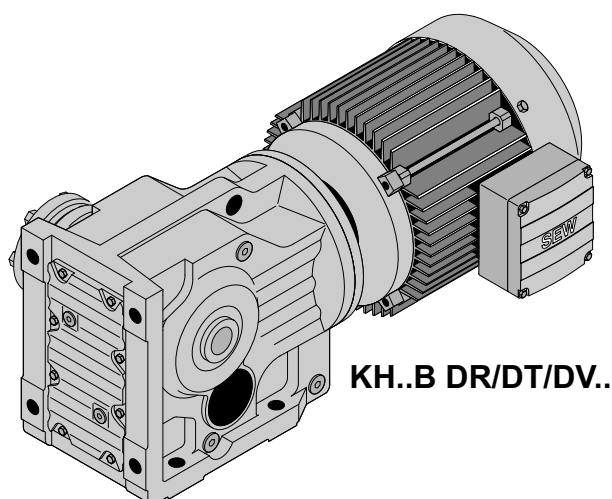


5 Helical-Bevel Gearmotors

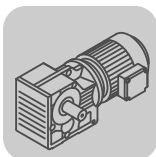
5.1 Variants



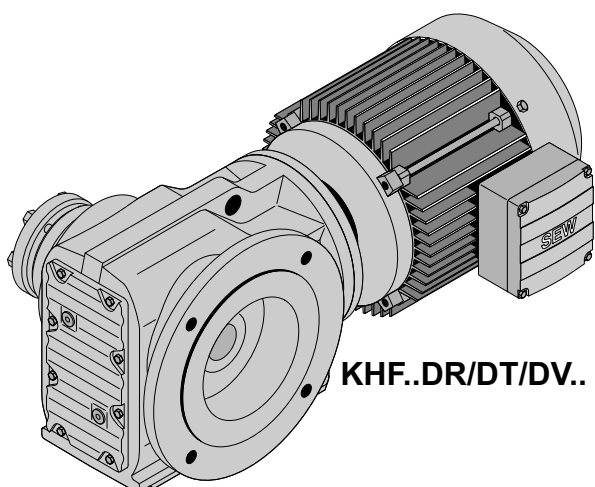
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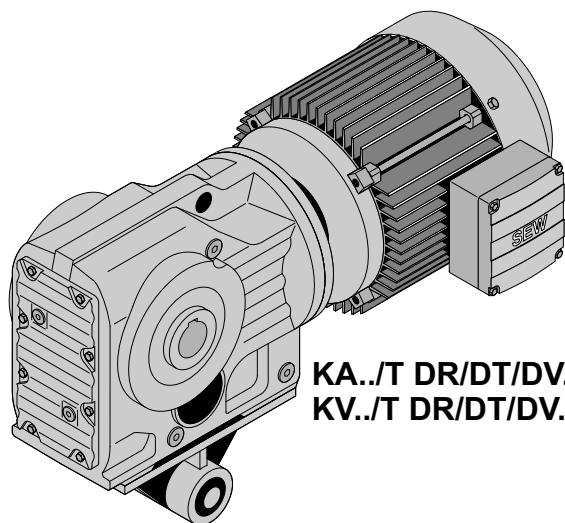
04456AXX



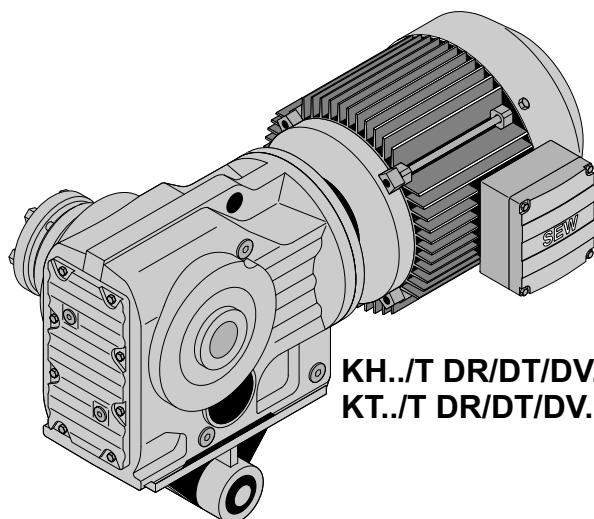
Helical-Bevel Gearmotors Variants



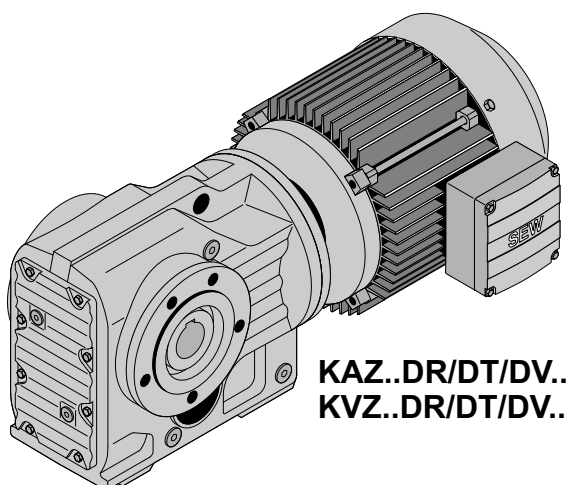
KHF..DR/DT/DV..



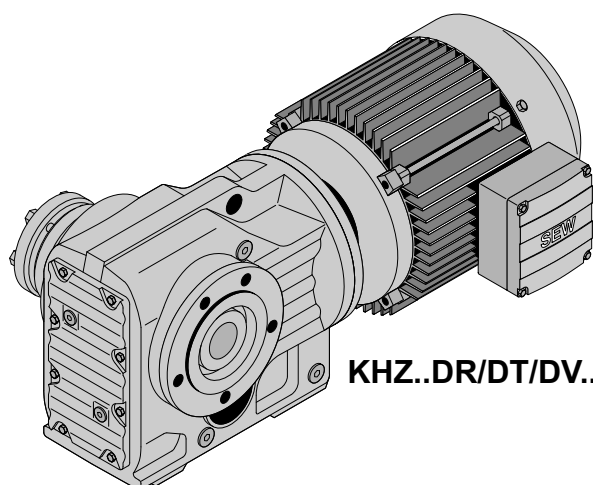
**KA../T DR/DT/DV..
KV../T DR/DT/DV..**



**KH../T DR/DT/DV..
KT../T DR/DT/DV..**

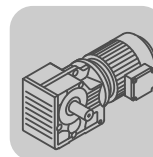


**KAZ..DR/DT/DV..
KVZ..DR/DT/DV..**



KHZ..DR/DT/DV..

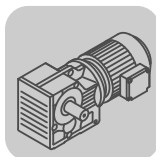
04457AXX



5.2 Permitted combinations

K37, $n_e = 1400$ 1/min					200 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
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]	φ (/R) [']	i	DR63 DT71	DT80
 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		
3.5	200	5640	-	396		



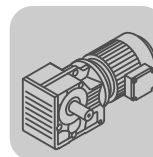
Helical-Bevel Gearmotors

Permitted combinations

K37R17, $n_e = 1400$ 1/min						200 Nm	
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	
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			

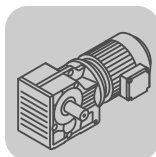
K47, $n_e = 1400$ 1/min						400 Nm		
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
11	400	5920	6	131.87*				
12	400	5920	6	121.48*				
13	400	5920	6	104.37				
15	400	5920	6	90.86				
16	400	5920	6	85.12*				
19	400	5920	6	75.20*				
20	400	5920	6	69.84				
22	400	5920	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 DT71	DT80	DT90	DV100
3 3								
0.14	400	5920	-	10138				
0.16	400	5920	-	8534				
0.18	400	5920	-	7662				
0.21	400	5920	-	6826				
0.23	400	5920	-	5983				
0.27	400	5920	-	5159				
0.30	400	5920	-	4601				



K47R37, $n_e = 1400$ 1/min						400 Nm		
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
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]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112
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					
92	535	5430	7	15.22					
106	510	5190	7	13.25					
117	415	5150	9	11.92					
124	415	4990	9	11.26					



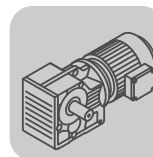
Helical-Bevel Gearmotors

Permitted combinations

K57, $n_e = 1400$ 1/min										600 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	
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						

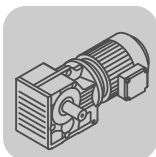
K57R37, $n_e = 1400$ 1/min										600 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100		
 3  3										
0.12	600	7630	-	12169						
0.13	600	7630	-	11162						
0.15	600	7630	-	9503						
0.16	600	7630	-	8547						
0.19	600	7630	-	7277						
0.22	600	7630	-	6478						
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]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
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						



K67, $n_e = 1400$ 1/min										820 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
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]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100
 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				
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				



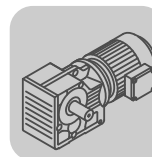
Helical-Bevel Gearmotors

Permitted combinations

K67R37, $n_e = 1400$ 1/min					820 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (°/R) [']	i	DR63 DT71	DT80	DT90	DV100
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				

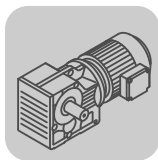
K77, $n_e = 1400$ 1/min					1550 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (°/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
7.3	1450	16100	5	192.18							
7.8	1450	16100	5	179.37							
9.1	1550	15400	5	154.02							
10	1550	15400	5	135.28							
11	1550	15400	5	128.52							
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]	φ (°/R) [']	i	DR63 DT71	DT80	DT90	DV100
 3  3								
0.09	1550	15400	-	15310				
0.10	1550	15400	-	14043				
0.12	1550	15400	-	11955				
0.14	1550	15400	-	10217				
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				



K77R37, $n_e = 1400$ 1/min					1550 Nm			
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [°]	i	DR63 DT71	DT80	DT90	DV100
0.40	1550	15400	-	3485				
0.48	1550	15400	-	2901				
0.52	1550	15400	-	2717				
0.59	1550	15400	-	2370				
 3  2								
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]	φ (/R) [°]	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
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							
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							



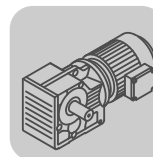
Helical-Bevel Gearmotors

Permitted combinations

K87, $n_e = 1400$ 1/min											2700 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180
194	1300	13200	7	7.21							

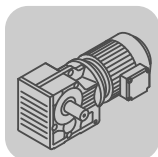
K87R57, $n_e = 1400$ 1/min											2700 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	
 3  3											
0.09	2700	27300	-	14829							
0.11	2700	27300	-	13168							
0.12	2700	27300	-	11737							
0.14	2700	27300	-	10217							
0.15	2700	27300	-	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	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
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*							



K97, $n_e = 1400$ 1/min											4300 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (°/R) [']	i	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
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 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	
 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							
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							



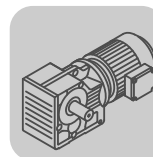
Helical-Bevel Gearmotors

Permitted combinations

K97R57, $n_e = 1400$ 1/min										4300 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M
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	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
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						

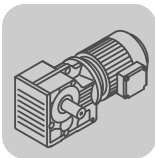
K107R77, n _e = 1400 1/min										8000 Nm	
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
 3  3											
0.10	8000	65000	-	14311							
0.11	8000	65000	-	12211							
0.13	8000	65000	-	10677							
0.15	8000	65000	-	9524							
0.17	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							
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							



K107R77, $n_e = 1400$ 1/min											8000 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
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	DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280	D315M D315S
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 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
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							



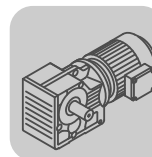
Helical-Bevel Gearmotors

Permitted combinations

K127R77, n _e = 1400 1/min										13000 Nm	
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ (°/R) [']	i	DR63 DT71	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M
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	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	
🌀 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							

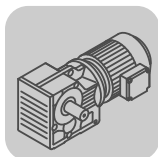
K157, n _e = 1400 1/min										18000 Nm	
n _a [1/min]	M _{amax} [Nm]	F _{Ra} [N]	φ (°/R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280	D315M D315S	D315M_A D315M_B	
9.3	18000	112200	5	150.41							
11	18000	106500	5	122.39							
14	18000	98000	5	100.22							
15	18000	94400	5	91.65							
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							



K157, $n_e = 1400$ 1/min										18000 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280	D315M D315S	D315M_A D315M_B
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	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
 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]	φ (°/R) [']	i	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 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				



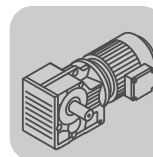
Helical-Bevel Gearmotors

Permitted combinations

K157R107, $n_e = 1400$ 1/min						18000 Nm		
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
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]	φ (/R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280	D315M D315S	D315M_A D315M_B
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						

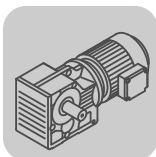
K167R97, $n_e = 1400$ 1/min						32000 Nm						
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
3 3												
0.07	32000	150000	-	19723								
0.08	32000	150000	-	17406								
0.09	32000	150000	-	15000								
0.11	32000	150000	-	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								
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]	φ (/R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 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]	φ (/R) [']	i	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M	DV250M DV280	D315M D315S	D315M_A D315M_B
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]	φ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
 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								
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								

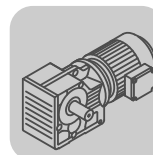


Helical-Bevel Gearmotors

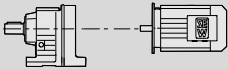
Permitted combinations

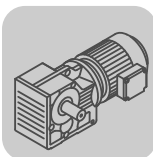
K187R97, $n_e = 1400$ 1/min										50000 Nm		
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	φ (/R) [']	i	DT80	DT90	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200
3 2												
0.39	50000	189900	-	3609								
0.46	50000	189900	-	3062								
0.56	50000	189900	-	2519								
0.62	50000	189900	-	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]	φ (°R) [']	i	DV100	DV112	DV132S DV132M	DV132ML DV160M DV160L	DV180	DV200 DV225S DV225M
 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						



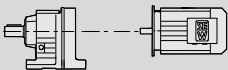
5.3 Selection tables [kW]

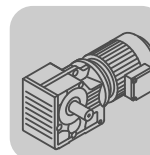
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.12	0.08	10900	17550	80300	1.20						
	0.09	9900	16006	80700	1.30						
	0.09	9260	14975	81000	1.40	K	127 R77	DR	63S4	470	417
	0.11	7690	12440	81600	1.70	KF	127 R77	DR	63S4	510	417
	0.13	6750	10915	81900	1.95	KA	127 R77	DR	63S4	440	417
	0.14	6070	9819	82000	2.1	KAF	127 R77	DR	63S4	480	417
	0.16	5190	8443	82300	2.5						
	0.18	4630	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	107 R77	DR	63S4	310	417
	0.17	5150	8328	65000	1.55	KF	107 R77	DR	63S4	320	417
	0.19	4500	7270	65000	1.80	KA	107 R77	DR	63S4	280	417
	0.22	3710	6184	65000	2.2	KAF	107 R77	DR	63S4	305	417
	0.24	3220	5662	65000	2.5						
	0.27	2920	5138	65000	2.7						
	0.32	2680	4359	65000	3.0						
	0.17	5460	8054	39400	0.80						
	0.20	4430	6970	40000	0.95						
	0.23	4000	6027	40000	1.05	K	97 R57	DR	63S4	180	417
	0.26	3660	5391	40000	1.20	KF	97 R57	DR	63S4	200	417
	0.30	3020	4669	40000	1.40	KA	97 R57	DR	63S4	160	417
	0.34	2740	4082	40000	1.55	KAF	97 R57	DR	63S4	185	417
	0.39	2380	3583	40000	1.80						
	0.44	2100	3108	40000	2.1						
	0.50	1770	2757	40000	2.4						
	0.57	1650	2419	40000	2.6						
	0.65	1430	2123	40000	3.0	K	97 R57	DR	63S4	180	417
	0.74	1270	1856	40000	3.4	KF	97 R57	DR	63S4	200	417
	0.85	1050	1625	40000	4.1	KA	97 R57	DR	63S4	160	417
	0.96	890	1430	40000	4.8	KAF	97 R57	DR	63S4	185	417
	1.1	870	1261	40000	5.0						
	1.2	755	1102	40000	5.7						
	0.26	3480	5240	26200	0.80						
	0.30	2900	4562	27000	0.95	K	87 R57	DR	63S4	120	417
	0.34	2680	4037	27300	1.00	KF	87 R57	DR	63S4	130	417
	0.38	2400	3609	27600	1.15	KA	87 R57	DR	63S4	105	417
	0.44	2070	3107	28000	1.30	KAF	87 R57	DR	63S4	120	417
	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						
	0.83	1140	1657	28700	2.4	K	87 R57	DR	63S4	120	417
	0.97	970	1415	28800	2.8	KF	87 R57	DR	63S4	125	417
	1.1	840	1229	28900	3.2	KA	87 R57	DR	63S4	105	417
	1.3	725	1078	28900	3.7	KAF	87 R57	DR	63S4	120	417
	1.4	610	951	29000	4.4						
	1.7	525	837	29000	5.2						
	1.9	455	726	29000	5.9						
	0.51	1840	2717	11500	0.85	K	77 R37	DR	63S4	69	417
	0.58	1530	2370	11500	1.00	KF	77 R37	DR	63S4	78	417
						KA	77 R37	DR	63S4	62	417
						KAF	77 R37	DR	63S4	70	417
	0.67	1440	2050	16100	1.10						
	0.78	1230	1772	17300	1.25						
	0.91	1050	1514	18100	1.50						
	0.99	960	1388	18500	1.60	K	77 R37	DR	63S4	69	417
	1.1	840	1218	18900	1.85	KF	77 R37	DR	63S4	77	417
	1.3	740	1053	19200	2.1	KA	77 R37	DR	63S4	62	417
	1.5	645	924	19400	2.4	KAF	77 R37	DR	63S4	70	417
	1.7	570	815	19600	2.7						
	1.9	450	709	19800	3.5						
	2.2	395	622	19900	3.9						



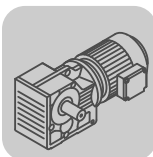
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Selection tables [kW]

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	K KF KA KAF	67 R37	DR	63S4	45	417						
	1.2	830	1171	10300	1.00												
	1.3	725	1034	11100	1.15												
	1.5	605	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												
	2.6	350	542	13000	2.3												
	2.9	330	471	13000	2.5												
	3.3	270	420	13000	3.0												
	3.8	250	361	13000	3.3												
	4.3	220	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	7590	1.00	K KF KA KAF	57 R37	DR	63S4	39	417						
	1.7	545	806	8060	1.10												
	2.0	455	699	8630	1.30												
	2.2	400	615	8870	1.50												
	2.5	350	544	9080	1.70												
	2.9	325	473	9190	1.85												
	3.3	275	421	9390	2.2												
	3.8	250	362	9470	2.4												
	4.3	220	319	9570	2.8												
	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							K KF KA KAF	47 R37	DR	63S4	33	417
	2.8	325	495	6840	1.25												
	3.2	290	426	7160	1.40												
	3.7	245	375	7510	1.65												
	4.2	225	327	7620	1.75												
	4.8	198	289	7780	2.0	K KF KA KAF	37 R17	DR	63S4	19	417						
	4.0	245	346	3540	0.80												
	4.5	205	304	5570	0.95												
	5.2	189	267	5760	1.05												
	5.9	163	234	6010	1.20												
	6.7	143	205	6180	1.40												
	7.6	124	181	6300	1.60												
	8.6	109	160	6400	1.85												
	10	91	136	6490	2.2	K KF KA KAF	67	DR	63M6	34	378						
	6.2	184	144.79*	13000	4.5												
	6.2	185	145.14*	9680	3.3	K KF KA KAF	57	DR	63M6	28	373						
	7.3	158	123.85	9760	3.8												
	8.3	138	108.29	9820	4.4												
	8.8	131	102.88*	9840	4.6												
	10	115	90.26*	9880	5.2												
12	98	76.56*	9930	6.2													
9.5	121	145.14*	9870	5.0	K KF KA KAF	57	DR	63S4	28	373							
11	103	123.85	9920	5.8													
13	90	108.29	9950	6.7													
13	85	102.88*	9960	7.0													
15	75	90.26*	9990	8.0													
6.8	168	131.87*	7930	2.4	K KF KA KAF	47	DR	63M6	22	368							
7.4	155	121.48*	7990	2.6													
8.6	133	104.37	8070	3.0													
10	110	131.87*	8140	3.7	K KF KA KAF	47	DR	63S4	22	368							
11	101	121.48*	8170	4.0													

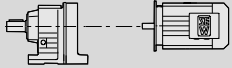


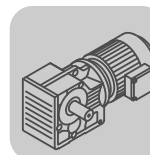
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.12	8.5	136	106.38	6230	1.50	K	37	DR	63M6	16	363
	9.2	125	97.81	6300	1.60	KF	37	DR	63M6	18	364
	11	107	83.69	6410	1.90	KA	37	DR	63M6	16	365
	12	92	72.54	6480	2.2	KAF	37	DR	63M6	18	364
	13	88	106.38	6500	2.3						
	14	81	97.81	6530	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	363
	39	30	35.57	5550	6.8	KF	37	DR	63S4	18	364
	46	25	29.96	5270	8.0	KA	37	DR	63S4	16	365
	48	24	28.83	5210	8.4	KAF	37	DR	63S4	18	364
	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	15800	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	127 R77	DR	63M4	470	417
	0.18	7880	7482	81500	1.65	KF	127 R77	DR	63M4	510	417
	0.20	6920	6565	81800	1.90	KA	127 R77	DR	63M4	440	417
	0.23	5890	5804	82100	2.2	KAF	127 R77	DR	63M4	480	417
	0.26	5210	5027	82300	2.5						
	0.30	4490	4423	82400	2.9						
	0.34	3910	3889	82500	3.3						
	0.40	3250	3311	82600	4.0						
	0.16	8780	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						
	0.26	5160	5138	65000	1.55	K	107 R77	DR	63M4	310	417
	0.30	4580	4359	65000	1.75	KF	107 R77	DR	63M4	320	417
	0.35	4010	3810	65000	2.0	KA	107 R77	DR	63M4	280	417
	0.39	3410	3358	65000	2.4	KAF	107 R77	DR	63M4	305	417
	0.44	3090	2977	65000	2.6						
	0.51	2690	2599	65000	3.0						
	0.58	2320	2286	65000	3.5						
	0.28	5060	4669	39800	0.85	K	97 R57	DR	63M4	180	417
	0.32	4540	4082	40000	0.95	KF	97 R57	DR	63M4	200	417
	0.37	3940	3583	40000	1.10	KA	97 R57	DR	63M4	160	417
	0.42	3450	3108	40000	1.25	KAF	97 R57	DR	63M4	185	417
	0.48	2990	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	97 R57	DR	63M4	180	417
	0.92	1530	1430	40000	2.8	KF	97 R57	DR	63M4	200	417
	1.1	1420	1261	40000	3.0	KA	97 R57	DR	63M4	160	417
	1.2	1240	1102	40000	3.5	KAF	97 R57	DR	63M4	185	417
	1.4	1090	957	40000	4.0						
	1.5	970	855	40000	4.4						
	1.8	775	743	40000	5.6						
	2.0	690	652	40000	6.2						
	0.42	3440	3107	26200	0.80	K	87 R57	DR	63M4	120	417
	0.48	2920	2728	27000	0.90	KF	87 R57	DR	63M4	130	417
	0.56	2570	2371	27500	1.05	KA	87 R57	DR	63M4	105	417
						KAF	87 R57	DR	63M4	120	417



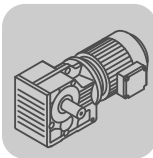
Helical-Bevel Gearmotors

Selection tables [kW]

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	K KF KA KAF	87 R57	DR	63M4	120	417
	0.71	2090	1854	28000	1.30					125	417
	0.80	1870	1657	28200	1.45					105	417
	0.93	1590	1415	28400	1.70					120	417
	1.1	1380	1229	28600	1.95						
	1.2	1200	1078	28700	2.3						
	1.4	1030	951	28800	2.6						
	1.6	890	837	28800	3.0						
	1.8	775	726	28900	3.5						
	0.87	1720	1514	14100	0.90	K KF KA KAF	77 R37	DR	63M4	69	417
	0.95	1570	1388	15200	1.00					77	417
	1.1	1380	1218	16500	1.10					62	417
	1.2	1200	1053	17400	1.30					70	417
	1.4	1050	924	18100	1.45						
	1.6	930	815	18600	1.65						
	1.9	760	709	19100	2.0						
	2.1	670	622	19300	2.3						
	2.4	600	552	19500	2.6						
	2.7	530	485	19600	2.9						
	3.1	465	428	19800	3.3						
	3.6	410	367	19800	3.8						
	1.7	930	793	9240	0.90	K KF KA KAF	67 R37	DR	63M4	45	417
	1.9	765	697	10800	1.05					51	417
	2.1	670	613	11500	1.20					42	417
	2.4	590	542	12000	1.40					48	417
	2.8	540	471	12200	1.50						
	3.1	455	420	12600	1.80						
	3.6	410	361	12800	2.0						
	4.1	360	323	12900	2.3						
	4.7	305	279	13000	2.7						
	2.4	590	544	7690	1.00	K KF KA KAF	57 R37	DR	63M4	39	417
	2.8	535	473	8150	1.10					44	417
	3.1	460	421	8620	1.30					37	417
	3.6	410	362	8840	1.45					43	417
	4.1	360	319	9050	1.65						
	4.7	305	280	9270	1.95						
	5.4	270	246	9400	2.2						
	6.1	235	215	9510	2.5						
	6.9	210	192	9600	2.9						
	7.9	182	166	9690	3.3						
	3.5	410	375	5600	1.00	K KF KA KAF	47 R37	DR	63M4	33	417
	4.0	370	327	6320	1.10					36	417
	4.6	325	289	6810	1.20					32	417
	5.2	280	256	7240	1.45					35	417
	5.9	250	225	7450	1.60						
	6.7	215	198	7680	1.85						
	7.7	188	171	7840	2.1						
	8.6	168	153	7930	2.4						
	10	147	131	8020	2.7						
	6.4	235	205	4860	0.85	K KF KA KAF	37 R17	DR	63M4	19	417
	7.3	205	181	5590	1.00					21	417
	8.2	180	160	5860	1.10					19	417
	9.7	151	136	6110	1.35					20	417
	10	145	127	6160	1.40						
	6.0	285	144.79*	13000	2.9					35	378
	7.0	245	123.54	13000	3.4					40	379
	8.1	215	108.03	13000	3.8					32	380
	8.5	205	102.62	13000	4.0					38	379
	9.1	189	144.79*	13000	4.4	K KF KA KAF	67	DR	63M4	34	378
	11	161	123.54	13000	5.1					40	379
	12	141	108.03	13000	5.8					32	380
										37	379
	6.0	285	145.14*	9340	2.1	K KF KA KAF	57	DR	63L6	29	373
	7.0	245	123.85	9480	2.5					34	374
	8.0	215	108.29	9590	2.8					27	375
	8.5	205	102.88*	9620	3.0					33	374
	9.6	178	90.26*	9700	3.4						



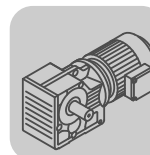
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.18	9.1	189	145.14*	9670	3.2	K KF KA KAF	57	DR	63M4	28	373
	11	161	123.85	9750	3.7					33	374
	12	141	108.29	9810	4.3					26	375
	13	134	102.88*	9830	4.5					32	374
	15	118	90.26*	9880	5.1	K KF KA KAF	47	DR	63L6	23	368
	17	100	76.56*	9920	6.0					26	369
	6.6	260	131.87*	7380	1.55					22	370
	7.2	240	121.48*	7530	1.65					25	369
	8.3	205	104.37	7740	1.95	K KF KA KAF	37	DR	63M4	17	363
	9.6	180	90.86	7880	2.2					19	364
	10	168	85.12*	7930	2.4					17	365
	10	172	131.87*	7910	2.3					18	364
	11	158	121.48*	7970	2.5	K KF KA KAF	37	DR	63L6	16	363
	13	136	104.37	8060	2.9					18	364
	15	118	90.86	8120	3.4					16	365
	16	111	85.12*	8140	3.6					16	364
	8.2	210	106.38	5520	0.95	K KF KA KAF	37	DR	63M4	310	417
	8.9	193	97.81	5710	1.05					320	417
	10	165	83.69	5990	1.20					285	417
	12	143	72.54	6170	1.40					305	417
	12	139	106.38	6210	1.45	K KF KA KAF	37	DR	63L4	470	417
	14	127	97.81	6280	1.55					510	417
	16	109	83.69	6400	1.85					440	417
	18	95	72.54	6470	2.1					480	417
	19	88	67.80	6500	2.3	K KF KA KAF	37	DR	63L4	310	417
	23	76	58.60	6280	2.6					320	417
	27	65	49.79	6010	3.1					285	417
	30	58	44.46	5830	3.5					305	417
	35	49	37.97	5580	4.1	K KF KA KAF	37	DR	63L4	470	417
	37	46	35.57	5480	4.3					510	417
	44	39	29.96	5220	5.1					440	417
	46	38	28.83	5160	5.3					480	417
	53	33	24.99	4950	6.2	K KF KA KAF	37	DR	63L4	310	417
	57	30	23.36	4850	6.4					320	417
	65	26	20.19	4650	7.0					285	417
	77	22	17.15	4430	8.1					305	417
	86	20	15.31	4280	8.8	K KF KA KAF	37	DR	63L4	470	417
	101	17	13.08	4080	9.7					510	417
	109	16	12.14	3980	10					440	417
	126	14	10.49	3810	12					480	417
	148	12	8.91	3620	14	K KF KA KAF	37	DR	63L4	310	417
	166	10	7.96	3490	15					320	417
0.25	0.13	15200	9819	75600	0.85	K KF KA KAF	127 R77	DR	63L4	470	417
	0.15	13000	8443	79200	1.00					510	417
	0.17	11600	7482	79900	1.10					440	417
	0.20	10200	6565	80600	1.30					480	417
	0.22	8750	5804	81200	1.50	K KF KA KAF	107 R77	DR	63L4	310	417
	0.26	7690	5027	81600	1.70					320	417
	0.29	6670	4423	81900	1.95					285	417
	0.33	5830	3889	82100	2.2					305	417
	0.39	4880	3311	82300	2.7	K KF KA KAF	107 R77	DR	63L4	470	417
	0.21	9460	6184	65000	0.85					510	417
	0.23	8480	5662	65000	0.95					440	417
	0.25	7700	5138	65000	1.05					480	417
	0.30	6730	4359	65000	1.20	K KF KA KAF	107 R77	DR	63L4	310	417
	0.34	5880	3810	65000	1.35					320	417
	0.39	5060	3358	65000	1.60					285	417
	0.44	4550	2977	65000	1.75					305	417
	0.50	3980	2599	65000	2.0	K KF KA KAF	107 R77	DR	63L4	470	417
	0.57	3450	2286	65000	2.3					510	417
	0.67	2920	1939	65000	2.7					440	417
	0.76	2680	1713	65000	3.0					480	417
	0.84	2430	1554	65000	3.3	K KF KA KAF	107 R77	DR	63L4	310	417
	0.97	2090	1336	65000	3.8					320	417

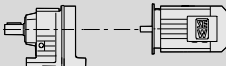


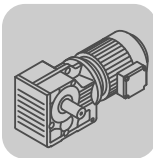
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.25	0.42	4990	3108	39900	0.85	K	97 R57	DR	63L4	180	417
	0.47	4360	2757	40000	1.00	KF	97 R57	DR	63L4	200	417
						KA	97 R57	DR	63L4	160	417
						KAF	97 R57	DR	63L4	185	417
	0.54	3930	2419	40000	1.10	K KF KA KAF	97 R57	DR	63L4	180	417
	0.61	3420	2123	40000	1.25						
	0.70	3020	1856	40000	1.40						
	0.80	2580	1625	40000	1.65						
	0.91	2240	1430	40000	1.90						
	1.0	2050	1261	40000	2.1						
	1.2	1790	1102	40000	2.4						
	1.4	1570	957	40000	2.7						
	1.5	1400	855	40000	3.1	K KF KA KAF	87 R57	DR	63L4	120	417
	0.62	3390	2088	26300	0.80						
	0.70	3010	1854	26900	0.90						
	0.78	2700	1657	27300	1.00						
	0.92	2300	1415	27800	1.15						
	1.1	2000	1229	28100	1.35						
	1.2	1740	1078	28300	1.55						
	1.4	1510	951	28500	1.80						
	1.6	1310	837	28600	2.1	K KF KA KAF	77 R37	DR	63L4	70	417
	1.8	1140	726	28700	2.4						
	2.0	1010	638	28800	2.7						
	1.2	1730	1053	14000	0.90						
	1.4	1520	924	15600	1.00						
	1.6	1340	815	16700	1.15						
	1.8	1120	709	17800	1.40						
	2.1	980	622	18400	1.60						
	2.4	880	552	18700	1.75						
	2.7	770	485	19100	2.0						
	3.0	680	428	19300	2.3						
	3.5	595	367	19500	2.6						
	4.0	525	328	19600	2.9						
	4.5	470	290	19700	3.3						
	5.2	400	252	19900	3.9						
	5.9	355	221	19900	4.4						
	6.7	310	195	20000	5.0						
	7.5	275	175	20000	5.7	K KF KA KAF	67 R37	DR	63L4	46	417
	2.1	980	613	5690	0.85						
	2.4	860	542	9920	0.95						
	2.8	775	471	10700	1.05						
	3.1	665	420	11500	1.25						
	3.6	590	361	11900	1.40						
	4.0	525	323	12300	1.55						
	4.7	445	279	12700	1.85						
	5.3	390	246	12800	2.1	K KF KA KAF	57 R37	DR	63L4	40	417
	6.0	345	217	13000	2.4						
	3.1	670	421	4200	0.90						
	3.6	590	362	7690	1.00						
	4.1	520	319	8260	1.15						
	4.7	445	280	8680	1.35						
	5.3	390	246	8920	1.55						
	6.0	345	215	9110	1.75						
	6.8	305	192	9260	1.95						
	7.8	265	166	9410	2.3						
	9.0	230	145	9530	2.6						
	10	210	129	9600	2.9						
	12	178	111	9700	3.4						
	13	156	97	9770	3.8						
	4.4	540	154.02	19600	2.9						
	5.0	475	135.28	19700	3.3						
	5.3	450	128.52	19800	3.4						
	6.0	400	113.56	19900	3.9						
	4.6	520	192.18	19700	2.8	K KF KA KAF	77	DT	71D6	61	383
	4.9	485	179.37	19700	3.0						
	5.7	420	154.02	19800	3.7						
	6.5	365	135.28	19900	4.2						

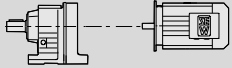


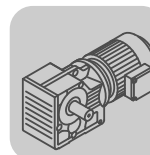
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]		
0.25	5.5	435	123.54	12700	1.90	K	67	DT	80N8	39	378	
	6.3	380	108.03	12900	2.2	KF	67	DT	80N8	45	379	
	6.6	360	102.62	12900	2.3	KA	67	DT	80N8	37	380	
	7.5	315	90.04	13000	2.6	KAF	67	DT	80N8	42	379	
	6.1	395	144.79*	12800	2.1	K	67	DT	71D6	36	378	
	7.1	335	123.54	13000	2.5	KF	67	DT	71D6	42	379	
	8.2	295	108.03	13000	2.8	KA	67	DT	71D6	34	380	
	8.6	280	102.62	13000	3.0	KAF	67	DT	71D6	39	379	
	9.0	265	144.79*	13000	3.1	K	67	DR	63L4	35	378	
	11	225	123.54	13000	3.6	KF	67	DR	63L4	40	379	
	12	198	108.03	13000	4.1	KA	67	DR	63L4	32	380	
	13	189	102.62	13000	4.4	KAF	67	DR	63L4	38	379	
	6.1	395	145.14*	8910	1.50	K KF KA KAF	57	DT	71D6	30	373	
	7.1	335	123.85	9150	1.80			DT	71D6	35	374	
	8.1	295	108.29	9310	2.0			DT	71D6	28	375	
	8.6	280	102.88*	9360	2.2			DT	71D6	34	374	
	9.8	245	90.26*	9480	2.5			DT	71D6	34	374	
	11	210	76.56*	9610	2.9							
	9.0	265	145.14*	9410	2.3	K KF KA KAF	57	DR	63L4	29	373	
	11	225	123.85	9540	2.6			DR	63L4	34	374	
	12	199	108.29	9640	3.0			DR	63L4	27	375	
	13	189	102.88*	9670	3.2			DR	63L4	33	374	
	14	166	90.26*	9740	3.6			DR	63L4	33	374	
	17	141	76.56*	9810	4.3							
	6.7	360	131.87*	6470	1.10	K KF KA KAF	47	DT	71D6	25	368	
	7.2	330	121.48*	6780	1.20			DT	71D6	28	369	
	8.4	285	104.37	7210	1.40			DT	71D6	24	370	
	9.7	245	90.86	7480	1.60			DT	71D6	27	369	
	10	230	85.12*	7590	1.75			DT	71D6	27	369	
	9.9	240	131.87*	7510	1.65	K KF KA KAF	47	DR	63L4	23	368	
	11	225	121.48*	7640	1.80			DR	63L4	26	369	
	12	192	104.37	7820	2.1			DR	63L4	22	370	
	14	167	90.86	7930	2.4			DR	63L4	25	369	
	15	156	85.12*	7980	2.6			DR	63L4	25	369	
	11	225	83.69	5300	0.90	K KF KA KAF	37	DT	71D6	18	363	
	12	197	72.54	5680	1.00			DT	71D6	20	364	
	13	184	67.80	5810	1.10			DT	71D6	17	365	
	15	159	58.60	6050	1.25			DT	71D6	19	364	
	18	135	49.79	6230	1.50			DT	71D6	19	364	
	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	6250	1.50							
	19	125	67.80	6230	1.60							
	22	108	58.60	6030	1.85							
	26	91	49.79	5810	2.2							
	29	82	44.46	5650	2.5							
	34	70	37.97	5430	2.9							
	37	65	35.57	5340	3.1							
	43	55	29.96	5100	3.6	K KF KA KAF	37	DR	63L4	17	363	
	45	53	28.83	5050	3.8			DR	63L4	19	364	
	52	46	24.99	4860	4.4			DR	63L4	17	365	
	56	43	23.36	4770	4.6			DR	63L4	18	364	
	64	37	20.19	4580	5.0			DR	63L4	18	364	
	76	32	17.15	4370	5.7							
	85	28	15.31	4230	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	13	6.80	3310	12							
	204	12	6.37	3240	12							



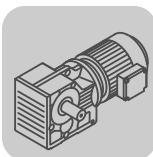
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.37	0.18	16600	7482	72700	0.80	K KF KA KAF	127 R77	DT	71D4	470	417
	0.21	14500	6565	76900	0.90					510	417
	0.24	12600	5804	79400	1.05					445	417
	0.27	11000	5027	80200	1.20					480	417
	0.31	9610	4423	80800	1.35						
	0.35	8420	3889	81300	1.55	K KF KA KAF	127 R77	DT	71D4	470	417
	0.42	7080	3311	81800	1.85					510	417
	0.72	4280	1926	82400	3.0					440	417
	0.79	3900	1757	82500	3.3					480	417
	0.90	3390	1541	82600	3.8						
	0.36	8420	3810	65000	0.95	K KF KA KAF	107 R77	DT	71D4	310	417
	0.41	7300	3358	65000	1.10					325	417
	0.46	6540	2977	65000	1.20					285	417
	0.53	5710	2599	65000	1.40					305	417
	0.60	4970	2286	65000	1.60						
	0.71	4210	1939	65000	1.90	K KF KA KAF	107 R77	DT	71D4	310	417
	0.81	3830	1713	65000	2.1					320	417
	0.89	3480	1554	65000	2.3					280	417
	1.0	2990	1336	65000	2.7					305	417
	1.2	2610	1166	65000	3.1						
	0.65	4860	2123	40000	0.90	K KF KA KAF	97 R57	DT	71D4	180	417
	0.74	4270	1856	40000	1.00					200	417
	0.85	3670	1625	40000	1.15					160	417
	0.96	3200	1430	40000	1.35					185	417
	1.1	2900	1261	40000	1.50						
	1.2	2540	1102	40000	1.70						
	1.4	2220	957	40000	1.95						
	1.6	1990	855	40000	2.2						
	1.9	1640	743	40000	2.6						
	2.1	1450	652	40000	3.0						
	2.4	1310	573	40000	3.3	K KF KA KAF	87 R57	DT	71D4	120	417
	0.97	3250	1415	26500	0.85					130	417
	1.1	2820	1229	27100	0.95					110	417
	1.3	2470	1078	27600	1.10					120	417
	1.4	2150	951	27900	1.25						
	1.7	1880	837	28200	1.45						
	1.9	1630	726	28400	1.65						
	2.2	1440	638	28500	1.85						
	2.5	1260	562	28600	2.2						
	2.9	1060	474	28800	2.6						
	3.2	950	426	28800	2.8	K KF KA KAF	77 R37	DT	71D4	71	417
	3.7	830	373	28900	3.2					79	417
	1.7	1890	815	7450	0.80					63	417
	1.9	1590	709	15100	0.95					71	417
	2.2	1400	622	16400	1.10						
	2.5	1250	552	17200	1.25						
	2.9	1100	485	17900	1.40						
	3.2	970	428	18400	1.60						
	3.8	840	367	18900	1.85						
	4.2	750	328	19100	2.1						
	4.8	665	290	19400	2.3	K KF KA KAF	67 R37	DT	71D4	47	417
	5.5	570	252	19600	2.7					52	417
	6.2	500	221	19700	3.1					44	417
	7.1	445	195	19800	3.5					50	417
	7.9	390	175	19900	4.0						
	9.0	345	154	19900	4.5						
	3.3	950	420	8130	0.85						
	3.8	840	361	10200	1.00						
	4.3	745	323	10900	1.10						
	5.0	630	279	11700	1.30						
	5.6	555	246	12100	1.50						
	6.4	495	217	12400	1.65						
	7.2	435	191	12700	1.90						
	8.3	375	166	12900	2.2						
	9.6	330	144	13000	2.5						
	11	280	122	13000	2.9						

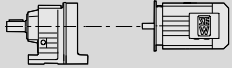


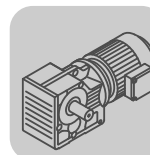
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.37	4.9	635	280	7350	0.95	K KF KA KAF	57 R37	DT	71D4	41	417
	5.6	555	246	7980	1.10						
	6.4	490	215	8460	1.20						
	7.2	435	192	8720	1.40						
	8.3	380	166	8980	1.60						
	9.6	330	145	9170	1.80						
	11	300	129	9290	2.0						
	12	255	111	9460	2.4						
	14	225	97	9560	2.7						
	3.9	910	174.19	28800	3.0	K KF KA KAF	87	DT	90S8	105	388
	4.1	850	164.34*	28900	3.2						
	4.6	765	147.32*	28900	3.5						
	4.6	775	197.37	28900	3.5	K KF KA KAF	87	DT	80K6	99	388
	5.2	685	174.19	28900	4.0						
	5.0	705	135.28	19300	2.2	K KF KA KAF	77	DT	90S8	70	383
	5.3	670	128.52	19300	2.3						
	6.0	590	113.56	19500	2.6						
	7.0	505	97.05	19700	3.1						
	5.8	605	154.02	19500	2.6	K KF KA KAF	77	DT	80K6	63	383
	6.7	530	135.28	19600	2.9						
	7.0	505	128.52	19700	3.1						
	7.9	445	113.56	19800	3.5						
	7.2	490	192.18	19700	3.0	K KF KA KAF	77	DT	71D4	61	383
	7.7	460	179.37	19800	3.2						
	9.0	395	154.02	19900	3.9						
	6.3	560	108.03	12100	1.45	K KF KA KAF	67	DT	90S8	44	378
	6.6	535	102.62	12300	1.55						
	7.5	470	90.04	12600	1.75						
	7.3	485	123.54	12500	1.70	K KF KA KAF	67	DT	80K6	38	378
	8.3	425	108.03	12700	1.95						
	8.8	405	102.62	12800	2.0						
	10	355	90.04	13000	2.3						
	9.5	370	144.79*	12900	2.2	K KF KA KAF	67	DT	71D4	36	378
	11	315	123.54	13000	2.6						
	13	275	108.03	13000	3.0						
	15	230	90.04	13000	3.6						
	18	196	76.37	13000	4.2	K KF KA KAF	67	DT	71D4	39	379
	7.3	485	123.85	8490	1.25	K KF KA KAF	57	DT	80K6	32	373
	8.3	425	108.29	8770	1.40						
	8.8	405	102.88*	8870	1.50						
	10	355	90.26*	9070	1.70						
	12	300	76.56*	9280	2.0	K KF KA KAF	57	DT	80K6	30	375
	13	270	69.12	9390	2.2						
	9.5	370	145.14*	9000	1.60	K KF KA KAF	57	DT	71D4	30	373
	11	315	123.85	9220	1.90						
	13	275	108.29	9370	2.2						
	13	265	102.88*	9420	2.3						
	15	230	90.26*	9530	2.6	K KF KA KAF	57	DT	71D4	28	375
	18	196	76.56*	9650	3.1						
	20	177	69.12	9700	3.4						
	8.6	410	104.37	5490	1.00	K KF KA KAF	47	DT	80K6	27	368
	9.9	355	90.86	6480	1.10						
	11	335	85.12*	6730	1.20						
	12	295	75.20*	7100	1.35						



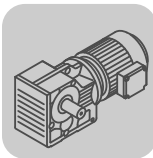
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.37	10	340	131.87*	6690	1.20	K	47	DT	71D4	25	368
	11	310	121.48*	6960	1.30	KF	47	DT	71D4	28	369
	13	265	104.37	7330	1.50	KA	47	DT	71D4	24	370
						KAF	47	DT	71D4	27	369
	15	235	90.86	7580	1.70	K	47	DT	71D4	25	368
	16	220	85.12*	7670	1.85	KF	47	DT	71D4	28	369
	18	193	75.20*	7810	2.1	KA	47	DT	71D4	24	370
	20	179	69.84	7880	2.2	KAF	47	DT	71D4	27	369
	22	162	63.30*	7960	2.5						
	14	250	97.81	2520	0.80						
	16	215	83.69	5470	0.95						
	19	186	72.54	5690	1.10						
	20	174	67.80	5630	1.15						
	24	150	58.60	5510	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	DT	71D4	18	363
	55	64	24.99	4590	3.1	KF	37	DT	71D4	20	364
	59	60	23.36	4510	3.3	KA	37	DT	71D4	17	365
	68	52	20.19	4350	3.6	KAF	37	DT	71D4	19	364
	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						
0.55	0.08	55000	16978	190000	0.90						
	0.10	46200	14272	190000	1.10	K	187 R97	DT	80K4	1760	417
	0.10	42000	13116	190000	1.20	KH	187 R97	DT	80K4	1700	417
	0.12	36700	11647	190000	1.35						
	0.19	23800	7343	190000	2.1						
	0.12	37500	11573	150000	0.85						
	0.13	33300	10264	150000	0.95						
	0.16	27900	8628	150000	1.15	K	167 R97	DT	80K4	1180	417
	0.21	21200	6562	150000	1.50	KH	167 R97	DT	80K4	1140	417
	0.25	16900	5355	150000	1.90						
	0.33	13100	4079	150000	2.5						
	0.20	22300	6881	109700	0.80	K	157 R97	DT	80K4	790	417
	0.23	19200	5931	111600	0.95	KF	157 R97	DT	80K4	870	417
	0.34	12900	3979	114400	1.40	KA	157 R97	DT	80K4	750	417
	0.45	9880	3051	115300	1.80	KAF	157 R97	DT	80K4	810	417
	0.31	14900	4423	76100	0.85	K	127 R77	DT	80K4	475	417
	0.35	13100	3889	79100	1.00	KF	127 R77	DT	80K4	520	417
	0.41	11100	3311	80200	1.20	KA	127 R77	DT	80K4	445	417
	0.45	10000	3009	80700	1.30	KAF	127 R77	DT	80K4	480	417
	0.52	8590	2607	81200	1.50						
	0.71	6620	1926	81900	1.95	K	127 R77	DT	80K4	470	417
	0.77	6040	1757	82100	2.2	KF	127 R77	DT	80K4	510	417
	0.88	5270	1541	82200	2.5	KA	127 R77	DT	80K4	445	417
	1.0	4610	1342	82400	2.8	KAF	127 R77	DT	80K4	480	417
	1.2	4020	1177	82500	3.2						
	1.3	3520	1025	82600	3.7						
	0.46	10100	2977	65000	0.80	K	107 R77	DT	80K4	315	417
	0.52	8830	2599	65000	0.90	KF	107 R77	DT	80K4	325	417
	0.59	7720	2286	65000	1.05	KA	107 R77	DT	80K4	285	417
	0.70	6540	1939	65000	1.20	KAF	107 R77	DT	80K4	310	417



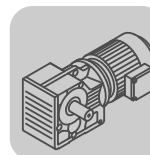
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.55	0.79	5920	1713	65000	1.35	K KF KA KAF	107 R77	DT	80K4	310	417
	0.87	5370	1554	65000	1.50						
	1.0	4610	1336	65000	1.75						
	1.2	4030	1166	65000	2.0						
	1.3	3460	1030	65000	2.3						
	1.5	3010	904	65000	2.7						
	1.7	2730	793	65000	2.9						
	1.9	2380	696	65000	3.4	K KF KA KAF	97 R57	DT	80K4	180	417
	2.2	2050	615	65000	3.9						
	0.95	4940	1430	40000	0.85						
	1.1	4440	1261	40000	0.95						
	1.2	3870	1102	40000	1.10						
	1.4	3400	957	40000	1.25						
	1.6	3040	855	40000	1.40						
	1.8	2550	743	40000	1.70						
	2.1	2250	652	40000	1.90						
	2.4	2020	573	40000	2.1						
	2.7	1720	504	40000	2.5						
	3.1	1480	437	40000	2.9	K KF KA KAF	87 R57	DT	80K4	120	417
	3.6	1320	382	40000	3.3						
	4.5	1070	305	40000	4.0						
	1.4	3300	951	26400	0.80						
	1.6	2890	837	27000	0.95						
	1.9	2510	726	27500	1.10						
	2.1	2220	638	27800	1.20						
	2.4	1940	562	28100	1.40						
	2.9	1640	474	28400	1.65						
	3.2	1470	426	28500	1.85						
	3.6	1290	373	28600	2.1	K KF KA KAF	77 R37	DT	80K4	73	417
	4.1	1130	330	28700	2.4						
	4.6	1010	294	28800	2.7						
	5.4	870	250	28800	3.1						
	5.8	820	236	28900	3.3						
	6.8	695	201	28900	3.9						
	2.8	1690	485	14300	0.90						
	3.2	1490	428	15800	1.05	K KF KA KAF	67 R37	DT	80K4	49	417
	3.7	1290	367	17000	1.20						
	4.2	1150	328	17700	1.35						
	4.7	1020	290	18200	1.50						
	5.4	880	252	18700	1.75						
	6.2	770	221	19100	2.0						
	7.0	680	195	19300	2.3	K KF KA KAF	57 R37	DT	80K4	43	417
	7.8	605	175	19500	2.6						
	8.8	535	154	19600	2.9						
	4.9	970	279	6400	0.85						
	5.5	850	246	9990	0.95						
	6.2	760	217	10800	1.10						
	7.1	670	191	11500	1.25						
	8.2	575	166	12000	1.40	K KF KA KAF	87	DT	90L8	105	388
	9.4	505	144	12400	1.60						
	11	430	122	12700	1.90						
	7.1	670	192	4080	0.90						
	8.2	580	166	7800	1.05						
	9.4	510	145	8360	1.20						
	11	455	129	8630	1.30						
	12	390	111	8930	1.55	K KF KA KAF	87	DT	80N6	100	388
	14	340	97	9120	1.75						
	3.9	1350	174.19	28600	2.0						
	4.1	1270	164.34*	28600	2.1						
	4.6	1140	147.32*	28700	2.4						
	4.6	1150	197.37	28700	2.3						
	5.2	1020	174.19	28800	2.7						
	5.5	960	164.34*	28800	2.8						
	6.1	860	147.32*	28900	3.1						

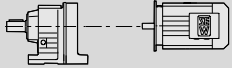


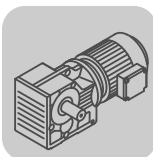
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.55	5.0	1040	135.28	18100	1.50	K	77	DT	90L8	71	383
	5.3	990	128.52	18300	1.55	KF	77	DT	90L8	79	384
	6.0	880	113.56	18700	1.75	KA	77	DT	90L8	64	385
	7.0	750	97.05	19100	2.1	KAF	77	DT	90L8	72	384
	5.8	900	154.02	18700	1.70	K	77	DT	80N6	65	383
	6.7	790	135.28	19000	1.95	KF	77	DT	80N6	73	384
	7.0	750	128.52	19100	2.1	KA	77	DT	80N6	58	385
	7.9	665	113.56	19400	2.3	KAF	77	DT	80N6	66	384
	8.8	595	154.02	19500	2.6	K	77	DT	80K4	63	383
	10	520	135.28	19700	3.0	KF	77	DT	80K4	71	384
	11	495	128.52	19700	3.1	KA	77	DT	80K4	56	385
	12	440	113.56	19800	3.5	KAF	77	DT	80K4	64	384
	14	375	97.05	19900	4.1						
	7.3	720	123.54	11100	1.15	K	67	DT	80N6	39	378
	8.3	630	108.03	11700	1.30	KF	67	DT	80N6	45	379
	8.8	600	102.62	11900	1.35	KA	67	DT	80N6	37	380
	10	525	90.04	12300	1.55	KAF	67	DT	80N6	42	379
	12	445	76.37	12600	1.85						
	11	475	123.54	12500	1.70	K	67	DT	80K4	38	378
	13	415	108.03	12800	1.95	KF	67	DT	80K4	44	379
	15	350	90.04	13000	2.4	KA	67	DT	80K4	36	380
	18	295	76.37	13000	2.8	KAF	67	DT	80K4	41	379
	8.3	630	108.29	7360	0.95						
	8.8	600	102.88*	7630	1.00	K	57	DT	80N6	33	373
	10	525	90.26*	8220	1.15	KF	57	DT	80N6	38	374
	12	445	76.56*	8670	1.35	KA	57	DT	80N6	31	375
	13	405	69.12	8870	1.50	KAF	57	DT	80N6	37	374
	15	355	60.81*	9070	1.70						
	16	335	57.42*	9150	1.80						
	11	480	123.85	8520	1.25						
	13	420	108.29	8800	1.45						
	13	395	102.88*	8890	1.50	K	57	DT	80K4	32	373
	15	350	90.26*	9100	1.70	KF	57	DT	80K4	37	374
	18	295	76.56*	9300	2.0	KA	57	DT	80K4	30	375
	20	265	69.12	9410	2.3	KAF	57	DT	80K4	36	374
	22	235	60.81*	9520	2.6						
	24	220	57.42*	9560	2.7						
	13	405	104.37	5880	1.00	K	47	DT	80K4	27	368
	15	350	90.86	6550	1.15	KF	47	DT	80K4	30	369
	16	330	85.12*	6790	1.20	KA	47	DT	80K4	26	370
	18	290	75.20*	7150	1.40	KAF	47	DT	80K4	29	369
	19	270	69.84	7310	1.50						
	21	245	63.30*	7500	1.65	K	47	DT	80K4	27	368
	24	220	56.83	7660	1.80	KF	47	DT	80K4	30	369
	28	189	48.95*	7830	2.1	KA	47	DT	80K4	26	370
	30	178	46.03*	7880	2.3	KAF	47	DT	80K4	29	369
	23	225	58.60	4850	0.90						
	27	192	49.79	4790	1.05						
	31	172	44.46	4740	1.15						
	36	147	37.97	4640	1.35						
	38	137	35.57	4600	1.45						
	45	116	29.96	4470	1.75						
	47	111	28.83	4440	1.80						
	54	97	24.99	4320	2.1						
	58	90	23.36	4260	2.2	K	37	DT	80K4	20	363
	67	78	20.19	4130	2.4	KF	37	DT	80K4	22	364
	79	66	17.15	3980	2.7	KA	37	DT	80K4	19	365
	89	59	15.31	3880	3.0	KAF	37	DT	80K4	21	364
	104	51	13.08	3730	3.3						
	112	47	12.14	3660	3.4						
	130	41	10.49	3520	4.0						
	153	34	8.91	3370	4.7						
	171	31	7.96	3270	5.1						
	200	26	6.80	3130	5.7						
	214	25	6.37	3070	5.9						
	254	21	5.36	2920	6.8						
	342	15	3.98	2680	8.1						



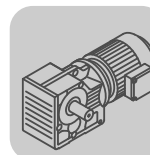
P _m [kW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} ¹⁾ [N]	SEW f _B					m [kg]	
0.75	0.11	58000	13116	190000	0.85	K KH	187 R97 187 R97	DT DT	80N4 80N4	1770	417
	0.12	50900	11647	190000	1.00					1700	417
	0.19	32700	7343	190000	1.55						
	0.20	29900	6747	190000	1.65						
	0.23	26200	5991	190000	1.90						
	0.16	38500	8628	150000	0.85	K KH	167 R97 167 R97	DT DT	80N4 80N4	1180	417
	0.21	29300	6562	150000	1.10					1150	417
	0.26	23400	5355	150000	1.35						
	0.34	18100	4079	150000	1.75						
	0.41	15100	3376	150000	2.1						
	0.35	17700	3979	112300	1.00	K KF KA KAF	157 R97 157 R97 157 R97 157 R97	DT DT DT DT	80N4 80N4 80N4 80N4	790	417
	0.45	13600	3051	114100	1.30					870	417
										750	417
										810	417
	0.83	7490	1659	115900	2.4	K KF KA KAF	157 R97 157 R97 157 R97 157 R97	DT DT DT DT	80N4 80N4 80N4 80N4	790	417
	1.0	6040	1365	116200	3.0					870	417
										750	417
										810	417
	0.42	15100	3311	75700	0.85	K KF KA KAF	127 R77 127 R77 127 R77 127 R77	DT DT DT DT	80N4 80N4 80N4 80N4	475	417
	0.46	13700	3009	78600	0.95					520	417
	0.53	11800	2607	79800	1.10					445	417
										485	417
	0.72	9010	1926	81100	1.45	K KF KA KAF	127 R77 127 R77 127 R77 127 R77	DT DT DT DT	80N4 80N4 80N4 80N4	475	417
	0.79	8220	1757	81400	1.60					520	417
	0.90	7180	1541	81700	1.80					445	417
	1.0	6280	1342	82000	2.1					485	417
	1.2	5480	1177	82200	2.4	K KF KA KAF	107 R77 107 R77 107 R77 107 R77	DT DT DT DT	80N4 80N4 80N4 80N4	315	417
	1.4	4790	1025	82300	2.7					325	417
	1.5	4190	899	82500	3.1					285	417
										310	417
	0.81	8040	1713	65000	1.00	K KF KA KAF	97 R57 97 R57 97 R57 97 R57	DT DT DT DT	80N4 80N4 80N4 80N4	185	417
	0.89	7300	1554	65000	1.10					205	417
	1.0	6270	1336	65000	1.30					165	417
	1.2	5470	1166	65000	1.45					190	417
	1.3	4740	1030	65000	1.70	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	1.5	4130	904	65000	1.95					130	417
	1.7	3710	793	65000	2.2					110	417
	2.0	3240	696	65000	2.5					125	417
	2.2	2810	615	65000	2.8	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	1.2	5240	1102	39600	0.80					130	417
	1.4	4600	957	40000	0.95					110	417
	1.6	4110	855	40000	1.05					125	417
	1.9	3470	743	40000	1.25	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	2.1	3050	652	40000	1.40					130	417
	2.4	2740	573	40000	1.55					110	417
	2.7	2350	504	40000	1.85					125	417
	3.2	2020	437	40000	2.1	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	3.6	1790	382	40000	2.4					130	417
	4.5	1450	305	40000	3.0					110	417
	5.4	1220	258	40000	3.5					125	417
	6.0	1100	232	40000	3.9	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	6.9	940	199	40000	4.6					130	417
	1.9	3410	726	26300	0.80					110	417
	2.2	3010	638	26900	0.90					125	417
	2.5	2640	562	27400	1.00	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	2.9	2220	474	27800	1.20					130	417
	3.2	2000	426	28100	1.35					110	417
	3.7	1760	373	28300	1.55					125	417
	4.2	1540	330	28400	1.75	K KF KA KAF	87 R57 87 R57 87 R57 87 R57	DT DT DT DT	80N4 80N4 80N4 80N4	125	417
	4.7	1370	294	28600	1.95					130	417
	5.5	1190	250	28700	2.3					110	417
	5.8	1120	236	28700	2.4					125	417
	6.9	950	201	28800	2.9						



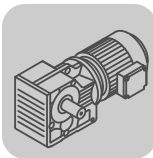
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
0.75	3.8	1740	367	13900	0.90						
	4.2	1550	328	15400	1.00	K	77 R37	DT	80N4	74	417
	4.8	1380	290	16500	1.15	KF	77 R37	DT	80N4	82	417
	5.5	1190	252	17500	1.30	KA	77 R37	DT	80N4	66	417
	6.2	1040	221	18100	1.50	KAF	77 R37	DT	80N4	74	417
	3.9	1830	176.05*	40000	2.4	K	97	DV	100M8	175	393
	4.5	1590	153.21*	40000	2.7	KF	97	DV	100M8	195	394
	4.9	1460	140.28	40000	3.0	KA	97	DV	100M8	155	395
						KAF	97	DV	100M8	180	394
	4.7	1530	147.32*	28500	1.75	K	87	DV	100M8	115	388
	5.4	1320	126.91*	28600	2.1	KF	87	DV	100M8	125	389
	6.0	1200	115.82	28700	2.3	KA	87	DV	100M8	105	390
	6.7	1070	102.71*	28700	2.5	KAF	87	DV	100M8	115	389
	5.2	1390	174.19	28600	1.95	K	87	DT	90S6	105	388
	5.5	1310	164.34*	28600	2.1	KF	87	DT	90S6	115	389
	6.1	1170	147.32*	28700	2.3	KA	87	DT	90S6	94	390
	7.1	1010	126.91*	28800	2.7	KAF	87	DT	90S6	105	389
	7.0	1020	197.37	28800	2.6	K	87	DT	80N4	100	388
	7.9	900	174.19	28800	3.0	KF	87	DT	80N4	110	389
	8.4	850	164.34*	28900	3.2	KA	87	DT	80N4	89	390
	9.4	765	147.32*	28900	3.5	KAF	87	DT	80N4	100	389
	6.7	1080	135.28	18000	1.45	K	77	DT	90S6	70	383
	7.0	1020	128.52	18200	1.50	KF	77	DT	90S6	78	384
	7.9	900	113.56	18700	1.70	KA	77	DT	90S6	63	385
	9.3	770	97.05	19100	2.0	KAF	77	DT	90S6	71	384
	10	710	88.97	19200	2.2						
	9.0	800	154.02	19000	1.95	K	77	DT	80N4	65	383
	10	700	135.28	19300	2.2	KF	77	DT	80N4	73	384
	11	665	128.52	19300	2.3	KA	77	DT	80N4	58	385
	12	590	113.56	19500	2.6	KAF	77	DT	80N4	66	384
	14	505	97.05	19700	3.1						
	11	640	123.54	11700	1.30	K	67	DT	80N4	39	378
	13	560	108.03	12100	1.45	KF	67	DT	80N4	45	379
	15	465	90.04	12600	1.75	KA	67	DT	80N4	37	380
						KAF	67	DT	80N4	42	379
	18	395	76.37	12800	2.1	K	67	DT	80N4	39	378
	20	360	68.95	13000	2.3	KF	67	DT	80N4	45	379
	23	315	60.66	13000	2.6	KA	67	DT	80N4	37	380
	24	295	57.28	13000	2.8	KAF	67	DT	80N4	42	379
	11	645	123.85	7130	0.95						
	13	560	108.29	7940	1.05						
	13	535	102.88*	8160	1.10						
	15	470	90.26*	8570	1.30	K	57	DT	80N4	33	373
	18	395	76.56*	8890	1.50	KF	57	DT	80N4	38	374
	20	360	69.12	9060	1.65	KA	57	DT	80N4	31	375
	23	315	60.81*	9230	1.90	KAF	57	DT	80N4	37	374
	24	300	57.42*	9290	2.0						
	28	255	48.89	9450	2.4						
	31	230	44.43	9530	2.6						
	18	390	75.20*	6060	1.00	K	47	DT	80N4	28	368
	20	365	69.84	6410	1.10	KF	47	DT	80N4	31	369
	22	330	63.30*	6790	1.20	KA	47	DT	80N4	27	370
						KAF	47	DT	80N4	30	369
	24	295	56.83	7110	1.35						
	28	255	48.95*	7430	1.55	K	47	DT	80N4	28	368
	30	240	46.03*	7540	1.65	KF	47	DT	80N4	31	369
	35	205	39.61	7740	1.95	KA	47	DT	80N4	27	370
	39	184	35.39	7760	2.2	KAF	47	DT	80N4	30	369
	44	162	31.30	7550	2.5						

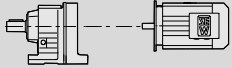


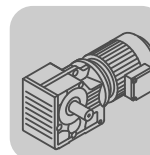
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B			m [kg]	
0.75	31	230	44.46	4170	0.85			21	363
	36	197	37.97	4150	1.00				
	39	185	35.57	4140	1.10				
	46	156	29.96	4080	1.30				
	48	150	28.83	4060	1.35				
	55	130	24.99	3990	1.55				
	59	121	23.36	3950	1.60				
	68	105	20.19	3860	1.75				
	80	89	17.15	3750	2.0				
	90	80	15.31	3670	2.2				
	105	68	13.08	3550	2.4				
	114	63	12.14	3500	2.5				
	132	54	10.49	3380	2.9				
	155	46	8.91	3250	3.5				
	173	41	7.96	3160	3.8				
	203	35	6.80	3030	4.3				
	217	33	6.37	2980	4.4				
	257	28	5.36	2840	5.0				
	347	21	3.98	2620	6.0				
1.1	0.15	59700	9363	190000	0.85			1770	417
	0.17	51100	8126	190000	1.00				
	0.19	48400	7343	190000	1.05				
	0.21	44200	6747	190000	1.15				
	0.23	39000	5991	190000	1.30				
	0.26	34500	5358	190000	1.45				
	0.29	30700	4817	190000	1.65				
	0.32	27900	4370	190000	1.80				
	0.26	34800	5355	150000	0.90				
	0.29	30800	4788	150000	1.05				
	0.34	26700	4079	150000	1.20				
	0.41	22300	3376	150000	1.45				
	0.51	17900	2755	150000	1.80				
	0.64	14600	2182	150000	2.2				
	0.82	11300	1704	150000	2.8				
	0.99	9390	1408	150000	3.4				
	1.1	8600	1296	150000	3.7				
	0.40	22700	3516	109500	0.80				
	0.46	20100	3051	111100	0.90				
	0.54	16700	2610	112800	1.10				
	0.60	14800	2322	113600	1.20				
	0.84	11100	1659	115000	1.65				
	1.0	8980	1365	115600	2.0				
	1.1	8010	1229	115800	2.3				
	1.3	7130	1093	116000	2.5				
	1.5	6150	942	116100	2.9				
	1.6	5510	854	116200	3.3				
	0.73	13200	1926	79100	1.00				
	0.80	12000	1757	79700	1.10				
	0.91	10500	1541	80500	1.25				
	1.0	9170	1342	81000	1.40				
	1.2	8020	1177	81400	1.60				
	1.4	7010	1025	81800	1.85				
	1.6	6130	899	82000	2.1				
	1.8	5280	790	82200	2.5				
	2.0	4780	704	82300	2.7				
	2.3	4110	610	82500	3.2				
	2.6	3710	549	82500	3.5				
	2.9	3190	477	82600	4.1				



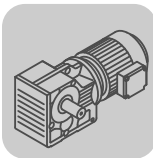
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.1	1.2	7990	1166	65000	1.00	K KF KA KAF	107 R77	DT	90S4	320	417
	1.4	6960	1030	65000	1.15						
	1.6	6080	904	65000	1.30						
	1.8	5420	793	65000	1.50						
	2.0	4740	696	65000	1.70						
	2.3	4140	615	65000	1.95						
	2.7	3510	522	65000	2.3						
	3.0	3090	461	65000	2.6						
	3.4	2720	408	65000	2.9						
	3.9	2470	364	65000	3.2						
	4.4	2160	318	65000	3.7						
	1.9	5070	743	39800	0.85	K KF KA KAF	97 R57	DT	90S4	190	417
	2.1	4460	652	40000	0.95						
	2.4	3990	573	40000	1.10						
	2.8	3430	504	40000	1.25						
	3.2	2970	437	40000	1.45						
	3.7	2620	382	40000	1.65						
	4.1	2320	342	40000	1.85						
	3.0	3250	474	26500	0.85	K KF KA KAF	87 R57	DT	90S4	130	417
	3.3	2920	426	27000	0.90						
	3.8	2570	373	27400	1.05						
	4.2	2250	330	27800	1.20						
	4.8	2010	294	28000	1.35						
	5.6	1730	250	28300	1.55						
	5.9	1630	236	28400	1.65	K KF KA KAF	97	DV	100L8	175	393
	7.0	1390	201	28600	1.95						
	3.8	2760	176.05*	40000	1.55						
	4.4	2400	153.21*	40000	1.80						
	4.8	2200	140.28	40000	1.95	K KF KA KAF	97	DT	90L6	165	393
	5.4	1940	123.93*	40000	2.2						
	5.2	2010	176.05*	40000	2.1						
	6.0	1750	153.21*	40000	2.5						
	6.6	1600	140.28	40000	2.7	K KF KA KAF	97	DT	90S4	185	394
	7.4	1420	123.93*	40000	3.0						
	8.0	1320	176.05*	40000	3.3						
	9.1	1150	153.21*	40000	3.7						
	10	1050	140.28	40000	4.1	K KF KA KAF	87	DT	90L6	105	388
	5.3	1990	174.19	28100	1.35						
	5.6	1880	164.34*	28200	1.45						
	6.2	1680	147.32*	28300	1.60						
	7.2	1450	126.91*	28500	1.85	K KF KA KAF	87	DT	90S4	115	389
	8.0	1310	174.19	28600	2.1						
	8.5	1230	164.34*	28700	2.2						
	9.5	1110	147.32*	28700	2.4						
	11	950	126.91*	28800	2.8	K KF KA KAF	77	DT	90S4	94	390
	12	870	115.82	28800	3.1						
	6.8	1540	135.28	15400	1.00						
	7.2	1470	128.52	15900	1.05	K KF KA KAF	77	DT	90L6	79	384
	8.1	1300	113.56	17000	1.20						
	9.5	1110	97.05	17900	1.40						
	10	1020	135.28	18300	1.55	K KF KA KAF	77	DT	90S4	70	383
	11	960	128.52	18400	1.60						
	12	850	113.56	18800	1.80						
	14	730	97.05	19200	2.1	K KF KA KAF	77	DT	90S4	63	385
	16	670	88.97	19300	2.3						
	18	585	78.07	19500	2.7						
	19	555	73.99	19600	2.8						



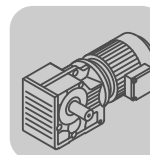
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.1	13	810	108.03	10400	1.00						
	14	770	102.62	10700	1.05	K	67	DT	90S4	44	378
	16	675	90.04	11400	1.20	KF	67	DT	90S4	50	379
	18	575	76.37	12000	1.45	KA	67	DT	90S4	42	380
	20	515	68.95	12300	1.60	KAF	67	DT	90S4	47	379
	23	455	60.66	12600	1.80	K	67	DT	90S4	44	378
	24	430	57.28	12700	1.90	KF	67	DT	90S4	50	379
	29	365	48.77	12900	2.2	KA	67	DT	90S4	42	380
	32	335	44.32	13000	2.5	KAF	67	DT	90S4	47	379
	36	290	38.39	13000	2.8						
	16	675	90.26*	2410	0.90						
	18	575	76.56*	7840	1.05	K	57	DT	90S4	39	373
	20	520	69.12	8280	1.15	KF	57	DT	90S4	43	374
	23	455	60.81*	8630	1.30	KA	57	DT	90S4	36	375
	24	430	57.42*	8750	1.40	KAF	57	DT	90S4	42	374
	29	365	48.89	9020	1.65						
	32	335	44.43	9160	1.80						
	36	290	38.49	9330	2.1						
	39	270	35.70	9400	2.2						
	46	225	30.28	9540	2.6						
	51	205	27.34	9510	2.9						
	58	181	24.05	9220	3.3						
	62	170	22.71	9090	3.5						
	72	145	19.34	8720	4.0	K	57	DT	90S4	39	373
	80	132	17.57	8510	4.2	KF	57	DT	90S4	43	374
	92	114	15.22	8180	4.7	KA	57	DT	90S4	36	375
	106	99	13.25	7880	5.1	KAF	57	DT	90S4	42	374
	117	90	11.92	7570	4.6						
	124	85	11.26	7450	4.9						
	146	72	9.59	7120	5.6						
	161	65	8.71	6930	6.0						
	186	57	7.55	6650	6.5						
	213	49	6.57	6380	7.0						
	298	35	4.69	5770	8.5						
	25	425	56.83	3310	0.95	K	47	DT	90S4	33	368
	29	365	48.95*	6360	1.10	KF	47	DT	90S4	36	369
	30	345	46.03*	6610	1.15	KA	47	DT	90S4	32	370
						KAF	47	DT	90S4	35	369
	35	295	39.61	7090	1.35						
	40	265	35.39	7090	1.50	K	47	DT	90S4	33	368
	45	235	31.30	6960	1.70	KF	47	DT	90S4	36	369
	48	220	29.32	6890	1.80	KA	47	DT	90S4	32	370
	54	194	25.91	6730	2.1	KAF	47	DT	90S4	35	369
	64	164	21.81	6510	2.4						
	72	147	19.58	6360	2.7						
	47	225	29.96	3420	0.90						
	56	188	24.99	3440	1.05						
	60	175	23.36	3440	1.10						
	69	152	20.19	3420	1.20						
	82	129	17.15	3370	1.40						
	91	115	15.31	3330	1.50	K	37	DT	90S4	26	363
	107	98	13.08	3260	1.70	KF	37	DT	90S4	28	364
	115	91	12.14	3220	1.75	KA	37	DT	90S4	26	365
	133	79	10.49	3140	2.0	KAF	37	DT	90S4	27	364
	157	67	8.91	3040	2.4						
	176	60	7.96	2970	2.6						
	206	51	6.80	2870	2.9						
	220	48	6.37	2830	3.0						
	261	40	5.36	2720	3.5						
	352	30	3.98	2520	4.2						
1.5	0.21	60800	6747	190000	0.80						
	0.24	53600	5991	190000	0.95	K	187 R97	DT	90L4	1770	417
	0.26	47600	5358	190000	1.05	KH	187 R97	DT	90L4	1710	417
	0.29	42500	4817	190000	1.20						
	0.32	38600	4370	190000	1.30						
	0.39	33100	3609	190000	1.50						
	0.46	28000	3062	190000	1.80	K	187 R97	DT	90L4	1770	417
	0.56	22800	2519	190000	2.2	KH	187 R97	DT	90L4	1700	417
	0.62	20400	2268	190000	2.5						



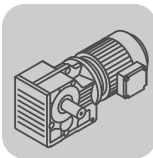
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	0.35	36700	4079	150000	0.85						
	0.42	30500	3376	150000	1.05	K	167 R97	DT	90L4	1190	417
	0.51	24700	2755	150000	1.30	KH	167 R97	DT	90L4	1150	417
	0.65	20000	2182	150000	1.60						
	0.83	15500	1704	150000	2.1	K	167 R97	DT	90L4	1190	417
	1.0	12900	1408	150000	2.5	KH	167 R97	DT	90L4	1150	417
	1.1	11800	1296	150000	2.7						
	0.61	20500	2322	110800	0.90	K	157 R97	DT	90L4	800	417
						KF	157 R97	DT	90L4	880	417
						KA	157 R97	DT	90L4	760	417
						KAF	157 R97	DT	90L4	820	417
	0.85	15200	1659	113500	1.20						
	1.0	12400	1365	114600	1.45						
	1.2	11100	1229	115000	1.65	K	157 R97	DT	90L4	790	417
	1.3	9840	1093	115300	1.85	KF	157 R97	DT	90L4	870	417
	1.5	8480	942	115700	2.1	KA	157 R97	DT	90L4	760	417
	1.7	7630	854	115900	2.4	KAF	157 R97	DT	90L4	820	417
	2.5	5010	567	116300	3.6						
	2.8	4460	504	116400	4.0						
	2.6	4830	536	82300	2.7	K	127 R87	DT	90L4	500	417
	3.4	3800	418	82500	3.4	KF	127 R87	DT	90L4	540	417
	3.8	3350	367	82600	3.9	KA	127 R87	DT	90L4	470	417
						KAF	127 R87	DT	90L4	510	417
	0.80	16400	1757	73100	0.80						
	0.91	14300	1541	77300	0.90						
	1.1	12500	1342	79500	1.05						
	1.2	10900	1177	80300	1.20						
	1.4	9550	1025	80900	1.35	K	127 R77	DT	90L4	480	417
	1.6	8360	899	81300	1.55	KF	127 R77	DT	90L4	520	417
	1.8	7240	790	81700	1.80	KA	127 R77	DT	90L4	450	417
	2.0	6520	704	81900	2.0	KAF	127 R77	DT	90L4	490	417
	2.3	5620	610	82200	2.3						
	2.6	5080	549	82300	2.6						
	3.0	4370	477	82400	3.0						
	3.4	3870	418	82500	3.4						
	1.4	9520	1030	65000	0.85						
	1.6	8320	904	65000	0.95						
	1.8	7390	793	65000	1.10						
	2.0	6470	696	65000	1.25	K	107 R77	DT	90L4	320	417
	2.3	5670	615	65000	1.40	KF	107 R77	DT	90L4	330	417
	2.7	4810	522	65000	1.65	KA	107 R77	DT	90L4	290	417
	3.1	4230	461	65000	1.90	KAF	107 R77	DT	90L4	315	417
	3.5	3740	408	65000	2.1						
	3.9	3370	364	65000	2.4						
	4.4	2940	318	65000	2.7						
	2.5	5420	573	39400	0.80						
	2.8	4680	504	40000	0.90						
	3.2	4050	437	40000	1.05	K	97 R57	DT	90L4	190	417
	3.7	3570	382	40000	1.20	KF	97 R57	DT	90L4	210	417
	4.1	3160	342	40000	1.35	KA	97 R57	DT	90L4	170	417
	4.6	2880	305	40000	1.50	KAF	97 R57	DT	90L4	195	417
	5.5	2430	258	40000	1.75						
	6.1	2190	232	40000	1.95						
	7.1	1870	199	40000	2.3						
	4.3	3070	330	26800	0.90						
	4.8	2750	294	27200	1.00	K	87 R57	DT	90L4	130	417
	5.6	2360	250	27700	1.15	KF	87 R57	DT	90L4	140	417
	6.0	2230	236	27800	1.20	KA	87 R57	DT	90L4	120	417
	7.0	1890	201	28200	1.45	KAF	87 R57	DT	90L4	130	417
	7.7	1720	183	28300	1.55						
	4.9	2940	143.47*	65000	2.7	K	107	DV	112M8	300	398
	5.8	2490	121.46	65000	3.2	KF	107	DV	112M8	310	399
	6.2	2300	112.41*	65000	3.5	KA	107	DV	112M8	270	400
						KAF	107	DV	112M8	295	399

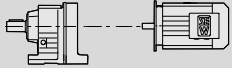


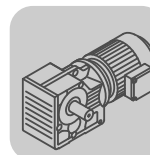
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	4.6	3140	153.21*	40000	1.35	K	97	DV	112M8	185	393
	5.0	2870	140.28	40000	1.50	KF	97	DV	112M8	205	394
	5.7	2540	123.93*	40000	1.70	KA	97	DV	112M8	165	395
						KAF	97	DV	112M8	190	394
	5.2	2740	176.05*	40000	1.55	K	97	DV	100M6	175	393
	6.0	2390	153.21*	40000	1.80	KF	97	DV	100M6	195	394
	6.6	2180	140.28	40000	1.95	KA	97	DV	100M6	155	395
	7.4	1930	123.93*	40000	2.2	KAF	97	DV	100M6	180	394
	8.0	1790	176.05*	40000	2.4	K	97	DT	90L4	165	393
	9.2	1560	153.21*	40000	2.8	KF	97	DT	90L4	185	394
	10	1430	140.28	40000	3.0	KA	97	DT	90L4	145	395
	11	1260	123.93*	40000	3.4	KAF	97	DT	90L4	170	394
	6.2	2290	147.32*	27800	1.20	K	87	DV	100M6	115	388
	7.2	1980	126.91*	28100	1.35	KF	87	DV	100M6	125	389
	7.9	1800	115.82	28200	1.50	KA	87	DV	100M6	105	390
	9.0	1600	102.71*	28400	1.70	KAF	87	DV	100M6	115	389
	8.1	1770	174.19	28300	1.55	K KF KA KAF	87	DT	90L4	105	388
	8.6	1670	164.34*	28300	1.60			DT	90L4	115	389
	9.6	1500	147.32*	28500	1.80			DT	90L4	95	390
	11	1290	126.91*	28600	2.1			DT	90L4	110	389
	12	1180	115.82	28700	2.3			DT	90L4		
	14	1040	102.71*	28800	2.6	K KF KA KAF	77	DV	100M6	78	383
	16	880	86.34	28800	3.1			DV	100M6	86	384
	8.1	1770	113.56	13600	0.90			DV	100M6	71	385
	9.5	1510	97.05	15700	1.05			DV	100M6	79	384
	10	1390	88.97	16400	1.10			DV	100M6		
	12	1220	78.07	17400	1.30	K KF KA KAF	77	DT	90L4	71	383
	10	1370	135.28	16500	1.15			DT	90L4	79	384
	11	1310	128.52	16900	1.20			DT	90L4	64	385
	12	1150	113.56	17700	1.35			DT	90L4	72	384
	15	990	97.05	18400	1.55			DT	90L4		
	16	900	88.97	18700	1.70	K KF KA KAF	77	DT	90L4	71	383
	18	795	78.07	19000	1.95			DT	90L4	79	384
	19	750	73.99	19100	2.1			DT	90L4	64	385
	22	660	64.75	19400	2.4			DT	90L4	72	384
	24	595	58.34	19500	2.6			DT	90L4		
	28	520	51.18	19700	3.0	K KF KA KAF	67	DT	90L4	46	378
	31	460	45.16	19800	3.4			DT	90L4	52	379
	35	405	40.04	19800	3.8			DT	90L4	44	380
	16	910	90.04	9370	0.90			DT	90L4	49	379
	18	775	76.37	10700	1.05	K KF KA KAF	67	DT	90L4	46	378
	20	700	68.95	11300	1.15			DT	90L4	52	379
	23	615	60.66	11800	1.35			DT	90L4	44	380
	25	580	57.28	12000	1.40			DT	90L4	49	379
	29	495	48.77	12400	1.65			DT	90L4		
	32	450	44.32	12600	1.80	K KF KA KAF	67	DT	90L4	46	378
	37	390	38.39	12800	2.1			DT	90L4	52	379
	40	360	35.62	12900	2.3			DT	90L4	44	380
	47	305	30.22	13000	2.7			DT	90L4	49	379
	52	275	27.28	13000	3.0			DT	90L4		
	59	245	24.00	13000	3.3	K KF KA KAF	57	DT	90L4	41	373
	23	620	60.81*	7480	0.95			DT	90L4	45	374
	25	585	57.42*	7770	1.05			DT	90L4	38	375
	29	495	48.89	8430	1.20			DT	90L4	44	374
	32	450	44.43	8650	1.35			DT	90L4		
	37	390	38.49	8920	1.55	K KF KA KAF	57	DT	90L4	41	373
	39	365	35.70	9040	1.65			DT	90L4	45	374
	47	310	30.28	9190	1.95			DT	90L4	38	375
	52	280	27.34	9010	2.2			DT	90L4	44	374
	59	245	24.05	8780	2.5			DT	90L4		
	62	230	22.71	8670	2.6	KAF	57	DT	90L4		
	73	196	19.34	8360	2.9			DT	90L4		



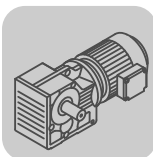
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
1.5	36	400	39.61	5890	1.00	K	47	DT	90L4	35	368
	40	360	35.39	6360	1.10	KF	47	DT	90L4	38	369
	45	320	31.30	6310	1.25	KA	47	DT	90L4	34	370
						KAF	47	DT	90L4	37	369
	48	300	29.32	6270	1.35	K KF KA KAF	47	DT	90L4	35	368
	54	265	25.91	6190	1.50						
	65	220	21.81	6050	1.80						
	72	199	19.58	5950	2.0						
	84	171	16.86	5800	2.2						
	89	161	15.86	5730	2.4						
	103	139	13.65	5560	2.6						
	116	124	12.19	5430	2.8						
	120	120	11.77	5340	2.3						
	60	235	23.36	2860	0.80	K KF KA KAF	37	DT	90L4	27	363
	70	205	20.19	2920	0.90						
	82	174	17.15	2940	1.05						
	92	156	15.31	2950	1.10						
	108	133	13.08	2930	1.25						
	116	123	12.14	2920	1.30						
	134	107	10.49	2880	1.50						
	158	91	8.91	2820	1.75						
	177	81	7.96	2770	1.90						
	207	69	6.80	2700	2.2						
	221	65	6.37	2670	2.2						
	263	55	5.36	2580	2.6						
	354	40	3.98	2420	3.1						
2.2	0.32	57700	4370	190000	0.85	K	187 R97	DV	100M4	1780	417
	0.50	36400	2818	190000	1.40	KH	187 R97	DV	100M4	1710	417
	0.39	49000	3609	190000	1.00	K KH	187 R97	DV	100M4	1780	417
	0.46	41600	3062	190000	1.20						
	0.56	34000	2519	190000	1.45						
	0.62	30400	2268	190000	1.65						
	0.69	27400	2054	190000	1.80						
	0.77	24200	1821	190000	2.1						
	0.88	21400	1605	190000	2.3						
	0.51	36700	2755	150000	0.85	K	167 R97	DV	100M4	1200	417
	0.62	29500	2263	150000	1.10	KH	167 R97	DV	100M4	1160	417
	0.65	29600	2182	150000	1.10	K KH	167 R97	DV	100M4	1200	417
	0.83	23100	1704	150000	1.40						
	1.0	19100	1408	150000	1.65						
	1.1	17500	1296	150000	1.80						
	1.3	14600	1101	150000	2.2						
	1.5	12600	944	150000	2.5						
	0.85	22500	1659	109600	0.80	K KF KA KAF	157 R97	DV	100M4	800	417
	1.0	18400	1365	112000	1.00						
	1.2	16500	1229	112900	1.10						
	1.3	14700	1093	113700	1.25						
	1.5	12700	942	114500	1.40						
	1.7	11400	854	114900	1.60						
	1.9	9880	756	115300	1.80						
	2.6	7200	536	81700	1.80	K KF KA KAF	127 R87	DV	100M4	510	417
	3.0	6300	473	82000	2.1						
	3.4	5670	418	82100	2.3						
	3.8	4970	367	82300	2.6						
	4.3	4460	330	82400	2.9						
	1.4	14100	1025	77800	0.90	K KF KA KAF	127 R77	DV	100M4	485	417
	1.6	12300	899	79500	1.05						
	1.8	10700	790	80400	1.20						
	2.0	9640	704	80800	1.35						
	2.3	8330	610	81300	1.55						
	2.6	7510	549	81600	1.75						
	3.0	6490	477	81900	2.0						
	3.4	5720	418	82100	2.3						

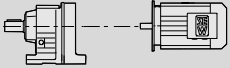


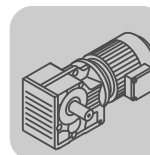
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
2.2	2.3	8390	615	65000	0.95	K KF KA KAF	107 R77	DV	100M4	325	417
	2.7	7120	522	65000	1.10					340	417
	3.1	6270	461	65000	1.30					300	417
	3.5	5540	408	65000	1.45					325	417
	3.9	4980	364	65000	1.60						
	4.4	4350	318	65000	1.85						
	4.9	3910	286	65000	2.0						
	5.6	3430	251	65000	2.3						
	3.7	5260	382	39600	0.80	K KF KA KAF	97 R57	DV	100M4	195	417
	4.1	4680	342	40000	0.90					220	417
	4.6	4240	305	40000	1.00					180	417
	5.5	3580	258	40000	1.20					205	417
	6.1	3220	232	40000	1.35						
	7.1	2760	199	40000	1.55						
	4.9	4310	143.47*	65000	1.85	K KF KA KAF	107	DV	132S8	305	398
	5.8	3650	121.46	65000	2.2					315	399
	6.2	3370	112.41*	65000	2.4					275	400
	7.0	3020	100.75	65000	2.7					300	399
	6.1	3420	153.21*	40000	1.25	K KF KA KAF	97	DV	112M6	185	393
	6.7	3140	140.28	40000	1.35					205	394
	7.6	2770	123.93*	40000	1.55					165	395
	8.9	2350	105.13	40000	1.85					190	394
	8.0	2620	176.05*	40000	1.65	K KF KA KAF	97	DV	100M4	175	393
	9.2	2280	153.21*	40000	1.90					195	394
	10	2090	140.28	40000	2.1					155	395
	11	1850	123.93*	40000	2.3					180	394
	13	1570	105.13	40000	2.8	K KF KA KAF	97	DV	100M4	175	393
	15	1440	96.80	40000	3.0					195	394
										155	395
										180	394
	9.6	2200	147.32*	27900	1.25	K KF KA KAF	87	DV	100M4	115	388
	11	1890	126.91*	28200	1.45					125	389
	12	1730	115.82	28300	1.55					105	390
										115	389
	14	1530	102.71*	28500	1.75	K KF KA KAF	87	DV	100M4	115	388
	16	1290	86.34	28600	2.1					125	389
	18	1180	79.34	28700	2.3					105	390
	20	1050	70.46	28800	2.6					115	389
	22	940	63.00*	28800	2.9						
	12	1690	113.56	14300	0.90	K KF KA KAF	77	DV	100M4	78	383
	15	1450	97.05	16100	1.05					86	384
	16	1330	88.97	16800	1.15					71	385
	18	1160	78.07	17600	1.35					79	384
	19	1100	73.99	17900	1.40						
	22	960	64.75	18400	1.60						
	24	870	58.34	18800	1.80	K KF KA KAF	77	DV	100M4	78	383
	28	765	51.18	19100	2.0					86	384
	31	675	45.16	19300	2.3					71	385
	35	595	40.04	19500	2.6					79	384
	40	525	35.20	19700	3.0						
	46	460	30.89	19800	3.4						
	48	435	29.27	19800	3.6						
	55	380	25.62	19900	4.1						



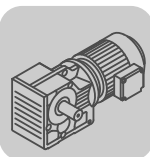
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
2.2	23	900	60.66	9490	0.90	K KF KA KAF	67	DV	100M4	53	378
	25	850	57.28	10000	0.95					59	379
	29	725	48.77	11100	1.15					51	380
	32	660	44.32	11500	1.25					56	379
	37	570	38.39	12100	1.40						
	40	530	35.62	12300	1.55						
	47	450	30.22	12600	1.80						
	52	405	27.28	12800	2.0	K KF KA KAF	67	DV	100M4	53	378
	59	360	24.00	13000	2.2					59	379
	62	340	22.66	13000	2.3					51	380
	73	285	19.30	13000	2.6					56	379
	80	260	17.54	13000	2.8						
	93	225	15.19	13000	3.1						
	107	197	13.22	13000	3.4						
	113	186	12.48	13000	2.9						
	133	158	10.63	13000	3.2						
	146	144	9.66	13000	3.3						
	169	125	8.37	13000	3.5						
	194	109	7.28	12700	3.9						
	271	78	5.20	11700	4.5						
	32	660	44.43	5100	0.90	K KF KA KAF	57	DV	100M4	48	373
	37	575	38.49	7850	1.05					52	374
	39	530	35.70	8180	1.15					45	375
	47	450	30.28	8250	1.35					51	374
	52	405	27.34	8160	1.45	K KF KA KAF	57	DV	100M4	48	373
	59	360	24.05	8030	1.65					52	374
	62	340	22.71	7970	1.75					45	375
	73	290	19.34	7760	2.0					51	374
	80	260	17.57	7630	2.1						
	93	225	15.22	7430	2.4						
	106	197	13.25	7220	2.6						
	118	178	11.92	6890	2.3						
	125	168	11.26	6810	2.5						
	54	385	25.91	5260	1.05	K KF KA KAF	47	DV	100M4	42	368
	65	325	21.81	5260	1.25					45	369
	72	290	19.58	5240	1.35					41	370
										44	369
	84	250	16.86	5190	1.50	K KF KA KAF	47	DV	100M4	42	368
	89	235	15.86	5160	1.60					45	369
	103	205	13.65	5070	1.75					41	370
	116	182	12.19	4990	1.95					44	369
	120	175	11.77	4890	1.60						
	133	157	10.56	4810	1.80						
	155	136	9.10	4690	2.1						
	108	195	13.08	2370	0.85	K KF KA KAF	37	DV	100M4	34	363
	134	156	10.49	2430	1.00					36	364
	158	133	8.91	2440	1.20					33	365
	177	119	7.96	2430	1.30					35	364
	207	101	6.80	2410	1.50						
	221	95	6.37	2400	1.55						
	263	80	5.36	2350	1.75						
	354	59	3.98	2250	2.1						
3.0	0.50	50800	2818	190000	1.00	K KH	187 R97	DV	100L4	1780	417
										1720	417
	0.46	57500	3062	190000	0.85	K KH	187 R97	DV	100L4	1780	417
	0.56	47100	2519	190000	1.05					1710	417
	0.62	42200	2268	190000	1.20						
	0.68	38100	2054	190000	1.30						
	0.77	33600	1821	190000	1.50						
	0.87	29800	1605	190000	1.70						
	1.0	25500	1395	190000	1.95						
	1.2	22100	1196	190000	2.3						
	0.82	31900	1704	150000	1.00	K KH	167 R97	DV	100L4	1200	417
	0.99	26400	1408	150000	1.20					1160	417
	1.1	24300	1296	150000	1.30						
	1.3	20300	1101	150000	1.55						
	1.5	17500	944	150000	1.85						
	1.7	15400	843	150000	2.1						
	1.9	13900	757	150000	2.3						

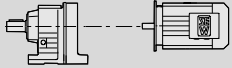


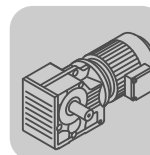
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
3.0	1.1	22900	1229	109300	0.80	K KF KA KAF	157 R97	DV	100L4	810	417
	1.3	20400	1093	110900	0.90					880	417
	1.5	17600	942	112400	1.05					770	417
	1.6	15800	854	113200	1.15					830	417
	1.9	13800	756	114000	1.30						
	2.5	10500	567	115200	1.70	K KF KA KAF	127 R87	DV	100L4	510	417
	2.8	9310	504	115500	1.95					550	417
	2.6	9980	536	80700	1.30					485	417
	3.0	8760	473	81200	1.50					520	417
	3.4	7870	418	81500	1.65						
	3.8	6880	367	81800	1.90	K KF KA KAF	127 R77	DV	100L4	490	417
	4.2	6170	330	82000	2.1					530	417
	4.9	5300	287	82200	2.5					465	417
	1.8	14800	790	76300	0.90					500	417
	2.0	13300	704	79000	1.00	K KF KA KAF	107 R77	DV	100L4	330	417
	2.3	11500	610	80000	1.15					340	417
	2.6	10400	549	80500	1.25					305	417
	2.9	8970	477	81100	1.45					325	417
	3.4	7900	418	81500	1.65						
	3.0	8660	461	65000	0.90	K KF KA KAF	97 R57	DV	100L4	200	417
	3.4	7660	408	65000	1.05					220	417
	3.9	6870	364	65000	1.15					185	417
	4.4	6000	318	65000	1.35					210	417
	4.9	5400	286	65000	1.50						
	5.6	4730	251	65000	1.70	K KF KA KAF	107	DV	132M8	325	398
	6.3	4170	222	65000	1.90					335	399
	7.1	3690	196	65000	2.2					295	400
	8.1	3300	174	65000	2.2					320	399
	9.1	2920	154	65000	2.5						
	10	2650	140	65000	2.7	K KF KA KAF	107	DV	132S6	305	398
	5.4	4930	258	40000	0.85					315	399
	6.0	4440	232	40000	0.95					275	400
	7.0	3810	199	40000	1.15					300	399
	5.0	5710	143.47*	65000	1.40					295	398
	5.9	4830	121.46	65000	1.65	K KF KA KAF	107	DV	100L4	305	399
	6.4	4470	112.41*	65000	1.80					265	400
	7.2	4010	100.75	65000	2.0					290	399
	7.9	3620	90.96*	65000	2.2						
	6.5	4370	143.47*	65000	1.85	K KF KA KAF	107	DV	132S6	190	393
	7.7	3700	121.46	65000	2.2					210	394
	8.4	3430	112.41*	65000	2.3					170	395
	9.3	3070	100.75	65000	2.6					195	394
	9.8	2940	143.47*	65000	2.7	K KF KA KAF	97	DV	100L4	175	393
	12	2490	121.46	65000	3.2					200	394
	7.6	3780	123.93*	40000	1.15					160	395
	8.9	3200	105.13	40000	1.35					185	394
	9.7	2950	96.80	40000	1.45	K KF KA KAF	97	DV	100L4	120	388
	11	2640	86.52	40000	1.65					130	389
	8.0	3600	176.05*	40000	1.20					105	390
	9.1	3140	153.21*	40000	1.35					120	389
	10	2870	140.28	40000	1.50						
	11	2540	123.93*	40000	1.70	K KF KA KAF	87	DV	100L4	120	388
	13	2150	105.13	40000	2.0					130	389
	14	1980	96.80	40000	2.2					105	390
	16	1770	86.52	40000	2.4					120	389
	18	1590	77.89*	40000	2.7						
	20	1440	70.54	40000	3.0	K KF KA KAF	87	DV	100L4	120	388
	22	1280	62.55	40000	3.4					130	389
	25	1160	56.55	40000	3.7					105	390
	9.5	3010	147.32*	26900	0.90					120	388
	11	2600	126.91*	27400	1.05					130	389
	12	2370	115.82	27700	1.15					105	390
	14	2100	102.71*	28000	1.30					120	389



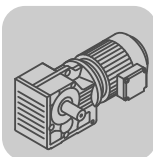
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
3.0	16	1770	86.34	28300	1.55	K	87	DV	100L4	120	388
	18	1620	79.34	28400	1.65						
	20	1440	70.46	28500	1.85						
	22	1290	63.00*	28600	2.1						
	25	1160	56.64	28700	2.3						
	28	1010	49.16	28800	2.7						
	32	900	44.02	28800	2.9						
	38	745	36.52*	28400	3.4						
	16	1820	88.97	13100	0.85	K	77	DV	100L4	82	383
	18	1600	78.07	15000	0.95						
	19	1510	73.99	15600	1.00						
	22	1330	64.75	16800	1.15						
	24	1190	58.34	17500	1.30						
	27	1050	51.18	18100	1.50	KAF	77	DV	100L4	83	384
	31	920	45.16	18600	1.70						
	35	820	40.04	18900	1.90						
	40	720	35.20	19200	2.2						
	45	630	30.89	19400	2.5	K	67	DV	100L4	57	378
	32	910	44.32	9450	0.90						
	36	785	38.39	10600	1.00						
	39	730	35.62	11100	1.15						
	46	620	30.22	11800	1.35						
	51	560	27.28	12100	1.45						
	58	490	24.00	12500	1.65						
	62	465	22.66	12600	1.70	K	67	DV	100L4	57	378
	73	395	19.30	12800	1.95						
	80	360	17.54	13000	2.1						
	92	310	15.19	13000	2.3						
	106	270	13.22	13000	2.5						
	112	255	12.48	13000	2.1	KAF	67	DV	100L4	55	380
	122	220	10.63	13000	2.3						
	145	198	9.66	13000	2.4						
	46	620	30.28	7180	0.95						
	51	560	27.34	7190	1.05	K	57	DV	100L4	52	373
	58	490	24.05	7180	1.20						
	62	465	22.71	7160	1.30						
	72	395	19.34	7080	1.45						
	80	360	17.57	7020	1.55	K	57	DV	100L4	52	373
	92	310	15.22	6890	1.70						
	106	270	13.25	6750	1.90						
	117	245	11.92	6420	1.70						
	124	230	11.26	6370	1.80						
	146	196	9.59	6200	2.1						
	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	DV	100L4	46	368
	83	345	16.86	4490	1.10						
	88	325	15.86	4500	1.15						
	103	280	13.65	4510	1.30						
	115	250	12.19	4490	1.40	K	47	DV	100L4	46	368
	119	240	11.77	4370	1.15						
	133	215	10.56	4350	1.30						
	154	186	9.10	4290	1.50						
	164	175	8.56	4270	1.55						
	190	151	7.36	4190	1.65						
	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	K	37	DV	100L4	38	363
	176	163	7.96	2040	0.95						
	206	139	6.80	2080	1.10						
	220	130	6.37	2080	1.10						
	261	110	5.36	2090	1.30						
	352	81	3.98	2050	1.55	KAF	37	DV	100L4	39	364
	176	163	7.96	2040	0.95						
	206	139	6.80	2080	1.10						
	220	130	6.37	2080	1.10						

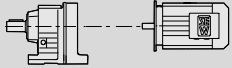


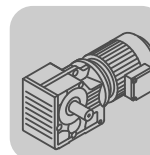
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
4.0	1.7	20100	835	190000	2.5	K	187 R107	DV	112M4	1830	417
	2.7	12600	520	190000	4.0	KH	187 R107	DV	112M4	1770	417
	0.56	62200	2519	190000	0.80	K KH	187 R97 187 R97	DV DV	112M4 112M4	1790 1720	417 417
	0.63	55900	2268	190000	0.90						
	0.69	50500	2054	190000	1.00						
	0.78	44600	1821	190000	1.10						
	0.88	39400	1605	190000	1.25						
	1.0	33900	1395	190000	1.50						
	1.2	29300	1196	190000	1.70						
	1.4	25600	1046	190000	1.95						
	1.5	23100	945	190000	2.2						
	1.0	34900	1408	150000	0.90	K KH	167 R97 167 R97	DV DV	112M4 112M4	1210 1170	417 417
	1.1	32100	1296	150000	1.00						
	1.3	26900	1101	150000	1.20						
	1.5	23200	944	150000	1.40						
	1.7	20500	843	150000	1.55						
	1.9	18500	757	150000	1.75						
	2.2	15500	632	150000	2.1						
	1.7	21000	854	110600	0.85	K	157 R97	DV	112M4	810	417
	1.9	18300	756	112000	1.00	KF	157 R97	DV	112M4	890	417
	2.5	13900	567	114000	1.30	KA	157 R97	DV	112M4	780	417
	2.8	12300	504	114600	1.45	KAF	157 R97	DV	112M4	830	417
	3.3	10500	434	115100	1.70	K KF KA KAF	127 R87 127 R87 127 R87 127 R87	DV DV DV DV	112M4 112M4 112M4 112M4	520 560 490 530	417 417 417 417
	2.6	13200	536	79100	1.00						
	3.0	11600	473	79900	1.10						
	3.4	10400	418	80500	1.25						
	3.9	9090	367	81100	1.45						
	4.3	8160	330	81400	1.60						
	5.0	7020	287	81800	1.85						
	5.6	6210	253	82000	2.1						
	2.3	15200	610	75600	0.85	K	127 R77	DV	112M4	495	417
	2.6	13700	549	78600	0.95	KF	127 R77	DV	112M4	540	417
	3.0	11800	477	79800	1.10	KA	127 R77	DV	112M4	470	417
	3.4	10400	418	80500	1.25	KAF	127 R77	DV	112M4	510	417
	3.9	9050	364	65000	0.90	K KF KA KAF	107 R77 107 R77 107 R77 107 R77	DV DV DV DV	112M4 112M4 112M4 112M4	335 350 310 335	417 417 417 417
	4.5	7910	318	65000	1.00						
	5.0	7120	286	65000	1.10						
	5.7	6240	251	65000	1.30						
	6.4	5500	222	65000	1.45						
	7.2	4870	196	65000	1.65						
	8.2	4360	174	65000	1.65						
	9.2	3860	154	65000	1.85						
	10	3500	140	65000	2.1						
	7.1	5020	199	39900	0.85	K	97 R57	DV	112M4	210	417
						KF	97 R57	DV	112M4	230	417
						KA	97 R57	DV	112M4	190	417
						KAF	97 R57	DV	112M4	215	417
	5.3	7220	136.14	81700	1.80	K	127	DV	132ML8	490	403
	5.9	6500	122.48	81900	2.0	KF	127	DV	132ML8	530	404
	6.5	5850	110.18	82100	2.2	KA	127	DV	132ML8	460	405
						KAF	127	DV	132ML8	500	404
	6.6	5810	146.07	82100	2.2	K	127	DV	132M6	480	403
	7.0	5420	136.14	82200	2.4	KF	127	DV	132M6	520	404
	7.8	4870	122.48	82300	2.7	KA	127	DV	132M6	450	405
	8.7	4380	110.18	82400	3.0	KAF	127	DV	132M6	490	404
	6.4	5960	112.41*	65000	1.35	K	107	DV	132ML8	335	398
	7.2	5340	100.75	65000	1.50	KF	107	DV	132ML8	345	399
	7.9	4830	90.96*	65000	1.65	KA	107	DV	132ML8	305	400
	8.7	4380	82.61	65000	1.85	KAF	107	DV	132ML8	330	399
	6.7	5710	143.47*	65000	1.40	K	107	DV	132M6	325	398
	7.9	4830	121.46	65000	1.65	KF	107	DV	132M6	335	399
	8.5	4470	112.41*	65000	1.80	KA	107	DV	132M6	295	400
	9.5	4010	100.75	65000	2.0	KAF	107	DV	132M6	320	399
	11	3620	90.96*	65000	2.2						



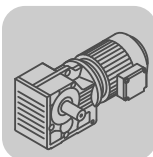
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
4.0	9.9	3860	143.47*	65000	2.1						
	12	3270	121.46	65000	2.5	K	107	DV	112M4	300	398
	13	3020	112.41*	65000	2.7	KF	107	DV	112M4	310	399
	14	2710	100.75	65000	3.0	KA	107	DV	112M4	270	400
	16	2450	90.96*	65000	3.3	KAF	107	DV	112M4	295	399
	17	2220	82.61	65000	3.6						
	19	1970	73.30	65000	4.1						
	9.3	4120	153.21*	40000	1.05	K	97	DV	112M4	185	393
	10	3770	140.28	40000	1.15	KF	97	DV	112M4	205	394
	11	3330	123.93*	40000	1.30	KA	97	DV	112M4	165	395
						KAF	97	DV	112M4	190	394
	14	2830	105.13	40000	1.50	K	97	DV	112M4	185	393
	15	2600	96.80	40000	1.65	KF	97	DV	112M4	205	394
	16	2330	86.52	40000	1.85	KA	97	DV	112M4	165	395
	18	2100	77.89*	40000	2.1	KAF	97	DV	112M4	190	394
	20	1900	70.54	40000	2.3						
	12	3120	115.82	26700	0.85	K	87	DV	112M4	125	388
	14	2760	102.71*	27200	1.00	KF	87	DV	112M4	135	389
	16	2320	86.34	27700	1.15	KA	87	DV	112M4	110	390
	18	2130	79.34	27900	1.25	KAF	87	DV	112M4	125	389
	20	1900	70.46	28200	1.40						
	23	1690	63.00*	28300	1.60	K	87	DV	112M4	125	388
	25	1520	56.64	28500	1.75	KF	87	DV	112M4	135	389
	29	1320	49.16	28600	2.0	KA	87	DV	112M4	110	390
	32	1180	44.02	28300	2.2	KAF	87	DV	112M4	125	389
	39	980	36.52*	27300	2.5						
	22	1740	64.75	13900	0.90						
	24	1570	58.34	15200	1.00	K	77	DV	112M4	88	383
	28	1380	51.18	16500	1.15	KF	77	DV	112M4	96	384
	31	1210	45.16	17400	1.30	KA	77	DV	112M4	81	385
	35	1080	40.04	18000	1.45	KAF	77	DV	112M4	89	384
	37	1030	38.39	18200	1.45						
	40	950	35.20	18500	1.65						
	46	830	30.89	18900	1.85	K	77	DV	112M4	88	383
	49	785	29.27	19000	1.95	KF	77	DV	112M4	96	384
	55	690	25.62	19300	2.3	KA	77	DV	112M4	81	385
	62	620	23.08	19500	2.5	KAF	77	DV	112M4	89	384
	70	545	20.25	19600	2.8						
	47	810	30.22	10400	1.00	K	67	DV	112M4	64	378
	52	735	27.28	11000	1.10	KF	67	DV	112M4	70	379
	59	645	24.00	11600	1.25	KA	67	DV	112M4	62	380
	63	610	22.66	11800	1.30	KAF	67	DV	112M4	67	379
	74	520	19.30	12300	1.45						
	81	470	17.54	12500	1.55						
	94	410	15.19	12800	1.70						
	107	355	13.22	13000	1.90	K	67	DV	112M4	64	378
	114	335	12.48	13000	1.60	KF	67	DV	112M4	70	379
	134	285	10.63	13000	1.75	KA	67	DV	112M4	62	380
	147	260	9.66	12900	1.85	KAF	67	DV	112M4	67	379
	170	225	8.37	12500	1.95						
	195	196	7.28	12100	2.1						
	273	140	5.20	11200	2.5						
	59	645	24.05	6120	0.95						
	63	610	22.71	6160	1.00						
	73	520	19.34	6220	1.10						
	81	475	17.57	6230	1.15						
	93	410	15.22	6210	1.30						
	107	355	13.25	6150	1.45	K	57	DV	112M4	59	373
	119	320	11.92	5810	1.30	KF	57	DV	112M4	63	374
	126	305	11.26	5790	1.35	KA	57	DV	112M4	56	375
	148	260	9.59	5700	1.55	KAF	57	DV	112M4	62	374
	163	235	8.71	5640	1.65						
	188	205	7.55	5530	1.80						
	216	177	6.57	5400	1.95						
	303	126	4.69	5070	2.4						

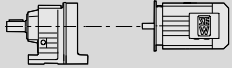


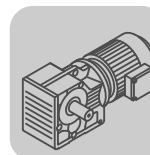
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
5.5	0.79	61300	1821	190000	0.80	K KH	187 R97	DV	132S4	1790	417
	0.89	54200	1605	190000	0.90						
	1.0	46700	1395	190000	1.05						
	1.2	40300	1196	190000	1.25						
	1.4	35200	1046	190000	1.40						
	1.5	31700	945	190000	1.60						
	1.9	24800	738	190000	2.0						
	2.3	20800	621	190000	2.4						
	1.3	37100	1101	150000	0.85	K KH	167 R97	DV	132S4	1210	417
	1.5	31900	944	150000	1.00						
	1.7	28200	843	150000	1.15						
	1.9	25400	757	150000	1.25						
	2.3	21300	632	150000	1.50						
	2.6	18700	561	150000	1.70						
	3.0	16200	481	150000	2.0						
	3.4	14100	423	150000	2.3						
	2.2	22000	661	109900	0.80	K KF KA KAF	157 R97	DV	132S4	820	417
	2.5	19100	567	111600	0.95						
	2.8	17000	504	112700	1.05						
	3.3	14500	434	113800	1.25						
	3.8	12600	379	114500	1.45						
	4.3	11100	333	115000	1.60						
	3.4	14300	418	77400	0.90	K KF KA KAF	127 R87	DV	132S4	520	417
	3.9	12500	367	79500	1.05						
	4.3	11200	330	80100	1.15						
	5.0	9650	287	80800	1.35						
	5.6	8540	253	81300	1.50						
	6.7	7170	213	81700	1.80						
	7.1	6830	200	81800	1.75						
	8.6	5660	166	82100	2.1						
	9.8	4990	147	82300	2.4						
	6.5	7540	222	65000	1.05	K KF KA KAF	107 R77	DV	132S4	345	417
	7.3	6680	196	65000	1.20						
	8.2	5970	174	65000	1.20						
	9.3	5280	154	65000	1.35						
	10	4800	140	65000	1.50						
	4.7	11100	150.41	115000	1.60	K KF KA KAF	157	DV	160M8	730	408
	5.8	9050	122.39	115500	2.0						
	7.1	7410	100.22	115900	2.4						
	7.8	6780	91.65	116000	2.7						
	5.2	10100	136.14	80700	1.30	K KF KA KAF	127	DV	160M8	495	403
	5.8	9060	122.48	81100	1.45						
	6.4	8150	110.18	81400	1.60						
	7.9	6650	89.89	81900	1.95						
	7.0	7450	136.14	81600	1.75	K KF KA KAF	127	DV	132ML6	490	403
	7.8	6700	122.48	81900	1.95						
	8.7	6030	110.18	82100	2.2						
	11	4920	89.89	82300	2.6						
	8.5	6150	112.41*	65000	1.30	K KF KA KAF	107	DV	132ML6	335	398
	9.5	5510	100.75	65000	1.45						
	11	4980	90.96*	65000	1.60						
	12	4520	82.61	65000	1.75						
	10	5270	143.47*	65000	1.50	K KF KA KAF	107	DV	132S4	305	398
	12	4460	121.46	65000	1.80						
	13	4130	112.41*	65000	1.95						
	14	3700	100.75	65000	2.2						
	16	3340	90.96*	65000	2.4						
	17	3030	82.61	65000	2.6						



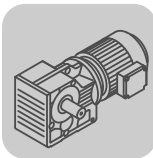
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
5.5	12	4550	123.93*	40000	0.95	K	97	DV	132S4	190	393
	14	3860	105.13	40000	1.10	KF	97	DV	132S4	210	394
	15	3560	96.80	40000	1.20	KA	97	DV	132S4	170	395
	17	3180	86.52	40000	1.35	KAF	97	DV	132S4	195	394
	18	2860	77.89*	40000	1.50	K	97	DV	132S4	190	393
	20	2590	70.54	40000	1.65	KF	97	DV	132S4	210	394
	23	2300	62.55	40000	1.85	KA	97	DV	132S4	170	395
	25	2080	56.55	39700	2.1	KAF	97	DV	132S4	195	394
	30	1760	47.93*	38600	2.4						
	17	3170	86.34	26600	0.85	K	87	DV	132S4	130	388
	18	2910	79.34	27000	0.95	KF	87	DV	132S4	140	389
	20	2590	70.46	27400	1.05	KA	87	DV	132S4	120	390
	23	2310	63.00*	27500	1.15	KAF	87	DV	132S4	130	389
	25	2080	56.64	27300	1.30						
	29	1810	49.16	26900	1.50	K	87	DV	132S4	130	388
	32	1620	44.02	26500	1.60	KF	87	DV	132S4	140	389
	39	1340	36.52*	25800	1.85	KA	87	DV	132S4	120	390
	46	1150	31.39	25200	2.3	KAF	87	DV	132S4	130	389
	51	1020	27.88	24700	2.5						
	32	1660	45.16	14600	0.95	K	77	DV	132S4	95	383
	36	1470	40.04	15900	1.05	KF	77	DV	132S4	105	384
	46	1130	30.89	17800	1.35	KA	77	DV	132S4	88	385
	49	1070	29.27	18000	1.45	KAF	77	DV	132S4	96	384
	56	940	25.62	18500	1.65						
	62	850	23.08	18800	1.85						
	71	745	20.25	19100	2.0	K	77	DV	132S4	95	383
	80	655	17.87	19400	2.2	KF	77	DV	132S4	105	384
	90	580	15.84	19200	2.4	KA	77	DV	132S4	88	385
	106	495	13.52	18600	2.7	KAF	77	DV	132S4	96	384
	116	455	12.36	17900	2.2						
	132	400	10.84	17400	2.5						
	60	880	24.00	9720	0.90						
	63	830	22.66	10200	0.95	K	67	DV	132S4	69	378
	74	710	19.30	11200	1.05	KF	67	DV	132S4	75	379
	82	645	17.54	11600	1.15	KA	67	DV	132S4	67	380
	94	560	15.19	12100	1.25	KAF	67	DV	132S4	72	379
	108	485	13.22	12500	1.40						
	115	460	12.48	12600	1.15						
	135	390	10.63	12400	1.30	K	67	DV	132S4	69	378
	148	355	9.66	12200	1.35	KF	67	DV	132S4	75	379
	171	305	8.37	11900	1.45	KA	67	DV	132S4	67	380
	196	265	7.28	11600	1.55	KAF	67	DV	132S4	72	379
	275	191	5.20	10800	1.85						
7.5	1.7	38200	835	190000	1.30	K	187 R107	DV	132M4	1860	417
	2.0	33200	729	190000	1.50	KH	187 R107	DV	132M4	1790	417
	2.3	28300	622	190000	1.75						
	1.2	55200	1196	190000	0.90						
	1.4	48200	1046	190000	1.05						
	1.5	43500	945	190000	1.15	K	187 R97	DV	132M4	1810	417
	1.9	34000	738	190000	1.45	KH	187 R97	DV	132M4	1750	417
	2.3	28600	621	190000	1.75						
	2.7	24200	527	190000	2.1						
	1.7	38700	843	150000	0.85						
	1.9	34900	757	150000	0.90						
	2.3	29200	632	150000	1.10						
	2.6	25600	561	150000	1.25	K	167 R97	DV	132M4	1230	417
	3.0	22200	481	150000	1.45	KH	167 R97	DV	132M4	1190	417
	3.4	19400	423	150000	1.65						
	3.9	16900	369	150000	1.90						
	3.3	19900	434	111200	0.90	K	157 R97	DV	132M4	840	417
	3.8	17400	379	112500	1.05	KF	157 R97	DV	132M4	920	417
	4.3	15300	333	113500	1.20	KA	157 R97	DV	132M4	800	417
	4.9	13300	291	114200	1.35	KAF	157 R97	DV	132M4	860	417

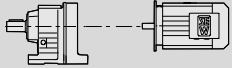


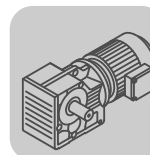
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
7.5	4.3	15300	330	75300	0.85	K KF KA KAF	127 R87	DV	132M4	550	417
	5.0	13200	287	79100	1.00					590	417
	5.6	11700	253	79900	1.10					520	417
	6.7	9830	213	80800	1.30					550	417
	7.1	9360	200	80900	1.30						
	8.6	7750	166	81500	1.55	K KH	167	DV	160L8	1160	413
	9.8	6840	147	81800	1.75					1120	414
	4.4	16400	164.50	150000	1.95						
	5.3	13400	134.99	150000	2.4						
	5.8	12300	164.50	150000	2.6					1130	413
	7.1	10100	134.99	150000	3.2					1090	414
	6.4	11200	150.41	114900	1.60	K KF KA KAF	157	DV	160M6	730	408
	7.8	9130	122.39	115500	1.95					810	409
	9.6	7480	100.22	115900	2.4					700	410
	10	6840	91.65	116000	2.6					760	409
	12	5950	79.75	116200	3.0						
	7.0	10200	136.14	80600	1.30	K KF KA KAF	127	DV	160M6	495	403
	7.8	9140	122.48	81000	1.40					540	404
	8.7	8220	110.18	81400	1.60					465	405
	11	6710	89.89	81900	1.95					500	404
	9.8	7320	146.07	81700	1.80	K KF KA KAF	127	DV	132M4	480	403
	11	6820	136.14	81800	1.90					520	404
	12	6130	122.48	82000	2.1					450	405
	13	5520	110.18	82200	2.4					490	404
	16	4500	89.89	82400	2.9						
	17	4110	81.98	82500	3.2	K KF KA KAF	107	DV	132M4	325	398
	20	3550	70.95*	82600	3.7					335	399
	10	7190	143.47*	65000	1.10					295	400
	12	6080	121.46	65000	1.30					320	399
	13	5630	112.41*	65000	1.40						
	14	5050	100.75	65000	1.60	K KF KA KAF	107	DV	132M4	325	398
	16	4560	90.96*	64200	1.75					335	399
	17	4140	82.61	63200	1.95					295	400
	20	3670	73.30	61900	2.2					320	399
	22	3330	66.52*	60900	2.4	K KF KA KAF	97	DV	132M4	210	393
	25	2860	57.17*	59100	2.8					230	394
	29	2500	49.90	57500	3.1					190	395
	34	2120	42.33*	55500	3.5					215	394
	39	1850	37.00*	53800	3.9						
	15	4850	96.80	38300	0.90	K KF KA KAF	97	DV	132M4	210	393
	17	4330	86.52	38300	1.00					230	394
	18	3900	77.89*	38100	1.10					190	395
	20	3530	70.54	37900	1.20					215	394
	23	3130	62.55	37500	1.35	K KF KA KAF	97	DV	132M4	210	393
	25	2830	56.55	37100	1.50					230	394
	30	2400	47.93*	36400	1.80					190	395
	34	2100	41.87	35600	2.1					215	394
	37	1920	38.30	35100	2.2	K KF KA KAF	87	DV	132M4	150	388
	42	1710	34.23	34400	2.5					160	389
	23	3160	63.00*	24100	0.85					140	390
	25	2840	56.64	24200	0.95					155	389
	29	2460	49.16	24200	1.10	K KF KA KAF	87	DV	132M4	150	388
	32	2200	44.02	24200	1.20					160	389
	39	1830	36.52*	23900	1.35					140	390
	46	1570	31.39	23500	1.70					155	389
	51	1400	27.88	23200	1.85	K KF KA KAF	87	DV	132M4	150	388
	57	1250	24.92	22800	2.0					160	389
	64	1120	22.41	22500	2.1					140	390
	74	970	19.45	21900	2.4					155	389
	82	870	17.42	21500	2.5						
	89	800	16.00	20600	2.3	KAF	87	DV	132M4		
	99	725	14.45	20700	2.9						



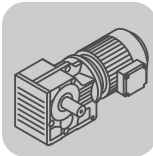
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
7.5	46	1550	30.89	15400	1.00	K	77	DV	132M4	115	383
	49	1470	29.27	16000	1.05	KF	77	DV	132M4	125	384
	56	1280	25.62	17000	1.20	KA	77	DV	132M4	110	385
	62	1160	23.08	17700	1.35	KAF	77	DV	132M4	115	384
	71	1010	20.25	18300	1.50						
	80	890	17.87	18600	1.60						
	90	795	15.84	18200	1.75						
	106	675	13.52	17800	2.0	K	77	DV	132M4	115	383
	116	620	12.36	17000	1.60	KF	77	DV	132M4	125	384
	132	545	10.84	16700	1.80	KA	77	DV	132M4	110	385
	150	480	9.56	16300	1.95	KAF	77	DV	132M4	115	384
	169	425	8.48	15900	2.1						
	198	365	7.24	15400	2.3						
9.2	1.7	46700	835	190000	1.05						
	2.0	40600	729	190000	1.25	K	187 R107	DV	132ML4	1870	417
	2.3	34600	622	190000	1.45	KH	187 R107	DV	132ML4	1800	417
	2.8	29400	520	190000	1.70						
	3.2	25600	454	190000	1.95						
	1.4	58900	1046	190000	0.85						
	1.5	53200	945	190000	0.95						
	1.9	41600	738	190000	1.20	K	187 R97	DV	132ML4	1820	417
	2.3	34900	621	190000	1.45	KH	187 R97	DV	132ML4	1760	417
	2.7	29500	527	190000	1.70						
	4.5	18000	318	150000	1.80						
	5.2	15600	278	150000	2.1	K	167 R107	DV	132ML4	1290	417
	5.9	13500	244	150000	2.4	KH	167 R107	DV	132ML4	1250	417
	6.8	11800	213	150000	2.7						
	7.0	11500	206	150000	2.8						
	2.3	35600	632	150000	0.90						
	2.6	31400	561	150000	1.00	K	167 R97	DV	132ML4	1240	417
	3.0	27100	481	150000	1.20	KH	167 R97	DV	132ML4	1200	417
	3.4	23700	423	150000	1.35						
	3.9	20700	369	150000	1.55						
	3.7	21300	385	110400	0.85	K	157 R107	DV	132ML4	890	417
	4.4	17900	325	112300	1.00	KF	157 R107	DV	132ML4	970	417
	4.8	16600	299	112800	1.10	KA	157 R107	DV	132ML4	860	417
	5.7	14100	253	114000	1.30	KAF	157 R107	DV	132ML4	920	417
	6.2	12600	230	114500	1.40						
	3.8	21200	379	110400	0.85	K	157 R97	DV	132ML4	850	417
	4.3	18700	333	111800	0.95	KF	157 R97	DV	132ML4	930	417
	5.0	16300	291	113000	1.10	KA	157 R97	DV	132ML4	810	417
						KAF	157 R97	DV	132ML4	870	417
	5.7	14300	253	77400	0.90	K	127 R87	DV	132ML4	550	417
	6.8	12000	213	79700	1.10	KF	127 R87	DV	132ML4	600	417
	7.2	11400	200	80000	1.05	KA	127 R87	DV	132ML4	530	417
	8.7	9460	166	80900	1.25	KAF	127 R87	DV	132ML4	560	417
	9.8	8350	147	81300	1.45						
	11	8310	136.14	81300	1.55	K	127	DV	132ML4	490	403
	12	7470	122.48	81600	1.75	KF	127	DV	132ML4	530	404
	13	6720	110.18	81900	1.95	KA	127	DV	132ML4	460	405
	16	5480	89.89	82200	2.4	KAF	127	DV	132ML4	500	404
	18	5000	81.98	82300	2.6						
	13	6860	112.41*	62400	1.15	K	107	DV	132ML4	335	398
	14	6150	100.75	61800	1.30	KF	107	DV	132ML4	345	399
	16	5550	90.96*	61100	1.45	KA	107	DV	132ML4	305	400
						KAF	107	DV	132ML4	330	399
	17	5040	82.61	60400	1.60						
	20	4470	73.30	59400	1.80	K	107	DV	132ML4	335	398
	22	4060	66.52*	58600	1.95	KF	107	DV	132ML4	345	399
	25	3490	57.17*	57100	2.3	KA	107	DV	132ML4	305	400
	29	3040	49.90	55700	2.6	KAF	107	DV	132ML4	330	399
	34	2580	42.33*	54000	2.9						

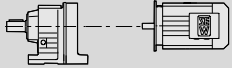


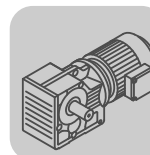
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
9.2	18	4750	77.89*	35100	0.90	K	97	DV	132ML4	220	393
	20	4300	70.54	35100	1.00	KF	97	DV	132ML4	240	394
	23	3820	62.55	35100	1.15	KA	97	DV	132ML4	200	395
	25	3450	56.55	34900	1.25	KAF	97	DV	132ML4	225	394
	30	2920	47.93*	34400	1.45	K KF KA KAF	97	DV	132ML4	220	393
	34	2550	41.87	34000	1.70			DV	132ML4	240	394
	38	2340	38.30	33600	1.85			DV	132ML4	200	395
	42	2090	34.23	33100	2.1			DV	132ML4	225	394
	47	1880	30.82	32500	2.3			DV	132ML4	225	394
	52	1700	27.91	32000	2.5	K KF KA KAF	87	DV	132ML4	160	388
	58	1510	24.75	31300	2.9			DV	132ML4	170	389
	29	3000	49.16	22000	0.90			DV	132ML4	150	390
	33	2690	44.02	22200	0.95			DV	132ML4	160	389
	39	2230	36.52*	22200	1.10			DV	132ML4	160	389
	46	1910	31.39	22100	1.40	K KF KA KAF	87	DV	132ML4	160	388
	52	1700	27.88	21900	1.55			DV	132ML4	170	389
	58	1520	24.92	21700	1.65			DV	132ML4	150	390
	64	1370	22.41	21400	1.70			DV	132ML4	160	389
	74	1190	19.45	21000	1.95			DV	132ML4	125	383
	83	1060	17.42	20700	2.1			DV	132ML4	135	384
	90	980	16.00	19700	1.85			DV	132ML4	120	385
	100	880	14.45	20000	2.4			DV	132ML4	125	384
	115	765	12.56	19500	2.6			DV	132ML4	125	384
	129	680	11.17	18600	2.2			DV	132ML4	125	384
	144	610	10.00	18200	2.5	K KF KA KAF	77	DV	132ML4	125	383
	62	1410	23.08	16300	1.10			DV	132ML4	135	384
	71	1240	20.25	17300	1.20			DV	132ML4	120	385
	81	1090	17.87	17600	1.35			DV	132ML4	125	384
	91	970	15.84	17400	1.45			DV	132ML4	125	384
	107	820	13.52	17000	1.60	K KF KA KAF	77	DV	132ML4	125	383
	117	755	12.36	16300	1.35			DV	132ML4	135	384
	133	660	10.84	16000	1.50			DV	132ML4	120	385
	151	585	9.56	15700	1.60			DV	132ML4	125	384
	170	515	8.48	15400	1.70			DV	132ML4	125	384
	199	440	7.24	14900	1.85	K KH	187 R107	DV	160M4	1870	417
11.0	1.7	56000	835	190000	0.90			DV	160M4	1810	417
	2.0	48700	729	190000	1.05			DV	160M4	1810	417
	2.3	41600	622	190000	1.20			DV	160M4	1810	417
	2.8	35200	520	190000	1.40			DV	160M4	1810	417
	3.2	30700	454	190000	1.65			DV	160M4	1810	417
	4.0	23700	355	190000	2.1			DV	160M4	1810	417
	1.9	49800	738	190000	1.00			DV	160M4	1830	417
	2.3	41800	621	190000	1.20			DV	160M4	1760	417
	2.7	35400	527	190000	1.40			DV	160M4	1760	417
	4.5	21500	318	150000	1.50	K KH	167 R107	DV	160M4	1290	417
	5.2	18800	278	150000	1.70			DV	160M4	1250	417
	5.9	16200	244	150000	1.95			DV	160M4	1250	417
	6.8	14200	213	150000	2.3			DV	160M4	1250	417
	7.0	13800	206	150000	2.3			DV	160M4	1250	417
	2.6	37600	561	150000	0.85	K KH	167 R97	DV	160M4	1250	417
	3.0	32400	481	150000	1.00			DV	160M4	1210	417
	3.4	28400	423	150000	1.15			DV	160M4	1210	417
	3.9	24800	369	150000	1.30			DV	160M4	1210	417
	4.3	22400	333	109700	0.80			DV	160M4	850	417
	5.0	19500	291	111400	0.90	K KF KA KAF	157 R97	DV	160M4	930	417
								DV	160M4	820	417
								DV	160M4	820	417
								DV	160M4	870	417
								DV	160M4	870	417
	6.8	14400	213	77200	0.90	K KF KA KAF	127 R87	DV	160M4	560	417
	7.2	13700	200	78600	0.90			DV	160M4	600	417
	8.7	11300	166	80100	1.05			DV	160M4	530	417
	9.8	10000	147	80700	1.20			DV	160M4	570	417
	5.3	19700	134.99	150000	1.60			DV	180L8	1200	413
	6.6	16000	109.83	150000	2.0	K KH	167	DV	180L8	1160	414
								DV	180L8	1160	414



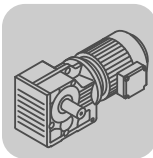
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
11.0	5.8	18000	164.50	150000	1.80	K	167	DV	160L6	1160	413
	7.1	14800	134.99	150000	2.2	KH	167	DV	160L6	1120	414
	8.8	12000	164.50	150000	2.7	K	167	DV	160M4	1130	413
	11	9850	134.99	150000	3.3	KH	167	DV	160M4	1090	414
	5.9	17900	122.39	112300	1.00	K	157	DV	180L8	800	408
	7.2	14600	100.22	113700	1.25	KF	157	DV	180L8	880	409
	7.9	13400	91.65	114200	1.35	KA	157	DV	180L8	770	410
	9.0	11600	79.75	114800	1.55	KAF	157	DV	180L8	830	409
	6.4	16500	150.41	112900	1.10	K	157	DV	160L6	770	408
	7.8	13400	122.39	114200	1.35	KF	157	DV	160L6	850	409
	9.6	11000	100.22	115000	1.65	KA	157	DV	160L6	730	410
	10	10000	91.65	115300	1.80	KAF	157	DV	160L6	790	409
	12	8730	79.75	115600	2.1						
	9.6	11000	150.41	115000	1.65	K	157	DV	160M4	730	408
	12	8930	122.39	115600	2.0	KF	157	DV	160M4	810	409
	14	7310	100.22	115900	2.5	KA	157	DV	160M4	700	410
	16	6690	91.65	116000	2.7	KAF	157	DV	160M4	760	409
	11	9930	136.14	80700	1.30						
	12	8930	122.48	81100	1.45	K	127	DV	160M4	495	403
	13	8040	110.18	81400	1.60	KF	127	DV	160M4	540	404
	16	6560	89.89	81900	2.0	KA	127	DV	160M4	465	405
	18	5980	81.98	82100	2.2	KAF	127	DV	160M4	500	404
	20	5180	70.95*	82300	2.5						
	13	8200	112.41*	58400	1.00	K	107	DV	160M4	340	398
	14	7350	100.75	58300	1.10	KF	107	DV	160M4	350	399
	16	6630	90.96*	58000	1.20	KA	107	DV	160M4	310	400
	17	6030	82.61	57500	1.35	KAF	107	DV	160M4	335	399
	20	5350	73.30	56900	1.50						
	22	4850	66.52*	56200	1.65	K	107	DV	160M4	340	398
	25	4170	57.17*	55100	1.90	KF	107	DV	160M4	350	399
	29	3640	49.90	54000	2.2	KA	107	DV	160M4	310	400
	34	3090	42.33*	52500	2.4	KAF	107	DV	160M4	335	399
	39	2700	37.00*	51200	2.7						
	20	5150	70.54	32200	0.85	K	97	DV	160M4	225	393
	23	4560	62.55	32500	0.95	KF	97	DV	160M4	245	394
	25	4130	56.55	32500	1.05	KA	97	DV	160M4	205	395
	30	3500	47.93*	32500	1.25	KAF	97	DV	160M4	230	394
	34	3050	41.87	32200	1.40						
	38	2790	38.30	32000	1.55	K	97	DV	160M4	225	393
	42	2500	34.23	31600	1.70	KF	97	DV	160M4	245	394
	47	2250	30.82	31300	1.90	KA	97	DV	160M4	205	395
	52	2040	27.91	30800	2.1	KAF	97	DV	160M4	230	394
	58	1800	24.75	30300	2.4						
	64	1630	22.37	29800	2.6						
	33	3210	44.02	20000	0.80	K	87	DV	160M4	165	388
	39	2660	36.52*	20400	0.95	KF	87	DV	160M4	175	389
	46	2290	31.39	20600	1.20	KA	87	DV	160M4	155	390
	52	2030	27.88	20600	1.30	KAF	87	DV	160M4	165	389
	58	1820	24.92	20500	1.40						
	64	1630	22.41	20300	1.40						
	74	1420	19.45	20100	1.60						
	83	1270	17.42	19800	1.75						
	90	1170	16.00	18800	1.55	K	87	DV	160M4	165	388
	100	1050	14.45	19400	2.0	KF	87	DV	160M4	175	389
	115	920	12.56	18900	2.2	KA	87	DV	160M4	155	390
	129	810	11.17	18000	1.85	KAF	87	DV	160M4	165	389
	144	730	10.00	17700	2.1						
	174	605	8.29	17100	2.3						
	200	525	7.21	16700	2.5						

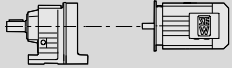


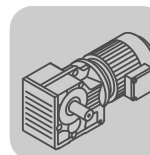
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
11.0	62	1680	23.08	14400	0.90						
	71	1480	20.25	15900	1.00						
	81	1300	17.87	16600	1.10						
	91	1160	15.84	16500	1.20	K	77	DV	160M4	130	383
	107	990	13.52	16300	1.35	KF	77	DV	160M4	135	384
	117	900	12.36	15500	1.10	KA	77	DV	160M4	120	385
	133	790	10.84	15300	1.25	KAF	77	DV	160M4	130	384
	151	700	9.56	15100	1.35						
	170	620	8.48	14800	1.45						
	199	530	7.24	14500	1.55						
15.0	2.4	56200	622	190000	0.90						
	2.8	47600	520	190000	1.05	K	187 R107	DV	160L4	1920	417
	3.2	41400	454	190000	1.20	KH	187 R107	DV	160L4	1850	417
	4.1	32000	355	190000	1.55						
	5.6	23800	261	190000	2.1						
	4.6	29100	318	150000	1.10						
	5.3	25300	278	150000	1.25						
	6.0	22000	244	150000	1.45						
	6.9	19200	213	150000	1.65	K	167 R107	DV	160L4	1330	417
	7.1	18700	206	150000	1.70	KH	167 R107	DV	160L4	1300	417
	8.1	16100	180	150000	2.0						
	9.2	14600	160	150000	2.2						
	6.3	20600	230	110800	0.85						
	6.9	19400	213	111500	0.95	K	157 R107	DV	160L4	940	417
	7.8	16700	187	112800	1.05	KF	157 R107	DV	160L4	1020	417
	9.3	14200	157	113900	1.25	KA	157 R107	DV	160L4	900	417
	12	11100	122	115000	1.60	KAF	157 R107	DV	160L4	960	417
	14	9710	107	115400	1.85						
	5.4	26600	179.86	190000	1.90	K	187	DV	180L6	1780	415
	5.9	24400	165.21	190000	2.1	KH	187	DV	180L6	1710	416
	7.2	19900	134.99	150000	1.60	K	167	DV	180L6	1200	413
	8.8	16200	109.83	150000	1.95	KH	167	DV	180L6	1160	414
	8.9	16100	164.50	150000	2.0	K	167	DV	160L4	1160	413
	11	13200	134.99	150000	2.4	KH	167	DV	160L4	1120	414
	7.9	18100	122.39	112200	1.00	K	157	DV	180L6	800	408
	9.7	14800	100.22	113700	1.20	KF	157	DV	180L6	880	409
	11	13500	91.65	114100	1.35	KA	157	DV	180L6	770	410
	12	11800	79.75	114800	1.55	KAF	157	DV	180L6	830	409
	14	10400	70.38	115200	1.75						
	9.7	14800	150.41	113700	1.20	K	157	DV	160L4	770	408
	12	12000	122.39	114700	1.50	KF	157	DV	160L4	850	409
	15	9830	100.22	114200	1.85	KA	157	DV	160L4	730	410
	16	8990	91.65	112500	2.0	KAF	157	DV	160L4	790	409
	18	7820	79.75	109600	2.3						
	11	13400	136.14	79000	0.95	K	127	DV	160L4	530	403
	12	12000	122.48	79700	1.10	KF	127	DV	160L4	570	404
	13	10800	110.18	80300	1.20	KA	127	DV	160L4	500	405
						KAF	127	DV	160L4	540	404
	16	8820	89.89	81200	1.45						
	18	8040	81.98	81400	1.60	K	127	DV	160L4	530	403
	21	6960	70.95*	81600	1.85	KF	127	DV	160L4	570	404
	23	6140	62.60	80000	2.1	KA	127	DV	160L4	500	405
	27	5300	54.07	78000	2.5	KAF	127	DV	160L4	540	404
	31	4690	47.82	76200	2.8						



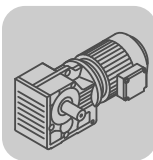
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
15.0	16	8920	90.96*	50900	0.90	K	107	DV	160L4	380	398
	18	8110	82.61	51100	1.00	KF	107	DV	160L4	390	399
	20	7190	73.30	51200	1.10	KA	107	DV	160L4	350	400
	22	6530	66.52*	51000	1.25	KAF	107	DV	160L4	375	399
	26	5610	57.17*	50600	1.45	K KF KA KAF	107	DV	160L4	380	398
	29	4900	49.90	50000	1.60			DV	160L4	390	399
	34	4150	42.33*	49100	1.75			DV	160L4	350	400
	39	3630	37.00*	48200	2.0			DV	160L4	375	399
	45	3210	32.69	47300	2.3			DV	160L4	265	393
	47	3070	31.28*	47000	2.2	K KF KA KAF	97	DV	160L4	285	394
	50	2840	29.00	46400	2.5			DV	160L4	245	395
	30	4700	47.93*	28100	0.90			DV	160L4	270	394
	35	4110	41.87	28400	1.05			DV	160L4	265	393
	38	3760	38.30	28500	1.15			DV	160L4	285	394
	43	3360	34.23	28500	1.30			DV	160L4	245	395
	47	3020	30.82	28400	1.40			DV	160L4	270	394
	52	2740	27.91	28300	1.55	K KF KA KAF	97	DV	160L4	265	393
	59	2430	24.75	28000	1.75			DV	160L4	285	394
	65	2190	22.37	27700	1.95			DV	160L4	245	395
	77	1860	18.96	27200	2.3			DV	160L4	270	394
	88	1620	16.56	26600	2.7			DV	160L4	205	388
	47	3080	31.39	17300	0.90	K KF KA KAF	87	DV	160L4	215	389
	52	2730	27.88	17600	0.95			DV	160L4	190	390
	59	2440	24.92	17800	1.00			DV	160L4	205	389
	65	2200	22.41	18000	1.05			DV	160L4	205	389
	75	1910	19.45	18000	1.20			DV	160L4	205	389
	84	1710	17.42	18000	1.30	K KF KA KAF	87	DV	160L4	205	388
	91	1570	16.00	16800	1.15			DV	160L4	215	389
	101	1420	14.45	17800	1.50			DV	160L4	190	390
	116	1230	12.56	17600	1.60			DV	160L4	205	389
	131	1100	11.17	16600	1.35			DV	160L4	205	389
	146	980	10.00	16400	1.55	K KH	187 R107	DV	180M4	1940	417
	176	810	8.29	16000	1.70			DV	180M4	1870	417
	202	705	7.21	15700	1.85			DV	180M4	1350	417
	4.6	35800	318	150000	0.90			DV	180M4	1320	417
	5.3	31200	278	150000	1.00	K KH	167 R107	DV	180M4	960	417
	6.0	27100	244	150000	1.20			DV	180M4	1040	417
	6.9	23600	213	150000	1.35			DV	180M4	920	417
	7.1	23000	206	150000	1.40			DV	180M4	980	417
	8.1	19900	180	150000	1.60			DV	180M4	1850	415
18.5	9.2	18000	160	150000	1.80	K KH	187	DV	200LS6	1780	416
	11	15200	135	150000	2.1			DV	200LS6	1770	415
	12	13200	118	150000	2.4			DV	180M4	1700	416
	7.8	20700	187	110700	0.85			DV	180M4	1180	413
	9.3	17500	157	112400	1.05			DV	180M4	1150	414
	12	13700	122	113900	1.30	K KF KA KAF	157 R107	DV	180M4	1180	413
	14	12000	107	112000	1.50			DV	180M4	1150	414
	5.4	32800	179.86	190000	1.55			DV	180M4	1180	413
	5.9	30100	165.21	190000	1.65			DV	180M4	1150	414
	6.7	26300	144.59	190000	1.90			DV	180M4	1180	413
	7.5	23600	129.69	190000	2.1			DV	180M4	1150	414
	8.2	21700	179.86	190000	2.3	K KH	187	DV	180M4	1180	413
	8.9	19900	165.21	190000	2.5			DV	180M4	1150	414
	10	17400	144.59	190000	2.9			DV	180M4	1180	413
	11	15600	129.69	190000	3.2			DV	180M4	1150	414
	11	16300	134.99	150000	1.95			DV	180M4	1180	413
	13	13200	109.83	150000	2.4	K KH	167	DV	180M4	1180	413
	17	10600	87.86	150000	3.0			DV	180M4	1150	414

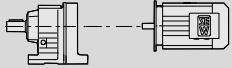


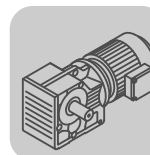
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
18.5	9.7	18300	100.22	112100	1.00	K	157	DV	200LS6	870	408
	11	16700	91.65	112800	1.10	KF	157	DV	200LS6	950	409
	12	14500	79.75	111500	1.25	KA	157	DV	200LS6	830	410
	14	12800	70.38	109900	1.40	KAF	157	DV	200LS6	890	409
18.5	12	14800	122.39	111600	1.20	K KF KA KAF	157	DV	180M4	790	408
	15	12100	100.22	109100	1.50					870	409
	16	11100	91.65	107800	1.65					750	410
	18	9620	79.75	105600	1.85					810	409
	21	8490	70.38	103400	2.1						
	24	7360	61.02	100700	2.5	K KF KA KAF	127	DV	180M4	550	403
	27	6550	54.29	98500	2.8					600	404
	31	5640	46.79	95500	3.2					520	405
	39	4580	38.02	91300	3.9					560	404
	13	13300	110.18	79000	1.00	K KF KA KAF	107	DV	180M4	400	398
	16	10800	89.89	79000	1.20					410	399
	18	9890	81.98	78500	1.30					375	400
										395	399
	20	8840	73.30	46300	0.90	K KF KA KAF	97	DV	180M4	285	393
	22	8020	66.52*	46600	1.00					305	394
	26	6890	57.17*	46800	1.15					270	395
	29	6020	49.90	46700	1.30					295	394
18.5	35	5100	42.33*	46300	1.45	K KF KA KAF	87	DV	180M4	225	388
	40	4460	37.00*	45700	1.60					235	389
	45	3940	32.69	45100	1.85					215	390
	47	3770	31.28*	44900	1.80					225	389
	51	3500	29.00	44400	2.1	K KF KA KAF	187 R107	DV	180L4	1950	417
	56	3170	26.32	43800	2.3					1880	417
	65	2730	22.62	42700	2.6						
	74	2380	19.74	41700	3.0						
	88	2020	16.75	40400	3.5						
	35	5050	41.87	25100	0.85	K KF KA KAF	97	DV	180M4	285	393
	48	3720	30.82	26000	1.15					305	394
	53	3360	27.91	26000	1.30					270	395
	59	2980	24.75	26000	1.45					295	394
	65	2700	22.37	25900	1.60	K KF KA KAF	97	DV	180M4	285	393
	77	2290	18.96	25700	1.90					305	394
	88	2000	16.56	25300	2.2					270	395
	106	1670	13.85	24800	2.6					295	394
	122	1450	11.99	24300	2.7						
18.5	59	3000	24.92	15600	0.85	K KF KA KAF	87	DV	180M4	225	388
	65	2700	22.41	15900	0.85					235	389
	75	2340	19.45	16200	1.00					215	390
	84	2100	17.42	16400	1.05					225	389
	101	1740	14.45	16500	1.20						
	117	1510	12.56	16400	1.30	K KF KA KAF	187 R107	DV	180L4	1950	417
	131	1350	11.17	15400	1.10					1880	417
	147	1210	10.00	15300	1.25						
	177	1000	8.29	15100	1.40						
	203	870	7.21	14900	1.50						
22	3.2	60800	454	190000	0.80	K KH	187 R107	DV	180L4	1950	417
	4.1	47100	355	190000	1.05					1880	417
	5.6	35000	261	190000	1.45						
	6.6	29600	221	190000	1.70						
	7.6	25800	193	190000	1.95						
	9.0	21800	163	190000	2.3						



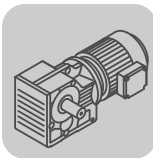
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
22	5.3	37200	278	150000	0.85	K KH	167 R107	DV	180L4	1370	417
	6.0	32300	244	150000	1.00						
	6.9	28200	213	150000	1.15						
	7.1	27500	206	150000	1.15						
	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	K KF KA KAF	157 R107	DV	180L4	980	417
	9.3	20900	157	109400	0.85						
	12	16400	122	108100	1.10						
	14	14300	107	107000	1.25						
	5.4	39000	179.86	190000	1.30	K KH	187	DV	200L6	1860	415
	5.9	35800	165.21	190000	1.40						
	6.7	31300	144.59	190000	1.60						
	7.5	28100	129.69	190000	1.80						
	8.6	24400	112.60	190000	2.1						
	8.2	25800	179.86	190000	1.95	K KH	187	DV	180L4	1780	415
	8.9	23700	165.21	190000	2.1						
	10	20700	144.59	190000	2.4						
	11	18600	129.69	190000	2.7						
	11	19400	134.99	150000	1.65	K KH	167	DV	180L4	1200	413
	13	15700	109.83	150000	2.0						
	17	12600	87.86	150000	2.5						
	19	11200	78.14	150000	2.9						
	9.7	21700	100.22	105900	0.85	K KF KA KAF	157	DV	200L6	880	408
	11	19900	91.65	105900	0.90						
	12	17300	79.75	105500	1.05						
	14	15200	70.38	104600	1.20						
	16	13200	61.02	103300	1.35						
	12	17600	122.39	105500	1.05	K KF KA KAF	157	DV	180L4	800	408
	15	14400	100.22	104100	1.25						
	16	13100	91.65	103200	1.35						
	18	11400	79.75	101600	1.55						
	21	10100	70.38	99800	1.80						
	24	8750	61.02	97700	2.1						
	27	7790	54.29	95800	2.3						
	31	6710	46.79	93200	2.7						
	39	5450	38.02	89400	3.3						
	16	12900	89.89	73900	1.00	K KF KA KAF	127	DV	180L4	570	403
	18	11800	81.98	73800	1.10						
	21	10200	70.95*	73400	1.30						
	23	8980	62.60	72800	1.45						
	27	7750	54.07	71700	1.70	K KF KA KAF	127	DV	180L4	570	403
	31	6860	47.82	70700	1.90						
	36	5760	40.19	69000	2.3						
	40	5200	36.25	67800	2.5						
	47	4500	31.37	66200	2.9						
	53	3970	27.68	64600	3.3						
	61	3430	23.91	62800	3.8						
	69	3030	21.15	61200	4.3						
	26	8200	57.17*	43000	1.00	K KF KA KAF	107	DV	180L4	415	398
	29	7160	49.90	43300	1.10						
	35	6070	42.33*	43400	1.20						
	40	5310	37.00*	43200	1.35	K KF KA KAF	107	DV	180L4	415	398
	45	4690	32.69	42900	1.55						
	47	4490	31.28*	42800	1.50						
	51	4160	29.00	42500	1.75						
	56	3770	26.32	42000	1.90						
	65	3240	22.62	41200	2.2						
	74	2830	19.74	40400	2.5						
	88	2400	16.75	39300	2.9						
	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						

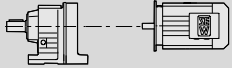


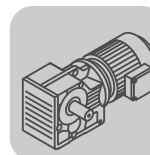
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
22	48	4420	30.82	23500	0.95	K	97	DV	180L4	300	393
	53	4000	27.91	23800	1.05	KF	97	DV	180L4	320	394
	59	3550	24.75	24100	1.20	KA	97	DV	180L4	285	395
	65	3210	22.37	24200	1.35	KAF	97	DV	180L4	310	394
	77	2720	18.96	24100	1.60	K	97	DV	180L4	300	393
	88	2370	16.56	24000	1.80						
	106	1990	13.85	23700	2.2						
	122	1720	11.99	23300	2.3						
	141	1490	10.41	21800	1.90						
	168	1250	8.71	21300	2.1						
	75	2790	19.45	14400	0.80	K	87	DV	180L4	240	388
	84	2500	17.42	14800	0.90						
	101	2070	14.45	15100	1.00						
	117	1800	12.56	15300	1.10						
	131	1600	11.17	14200	0.95						
	147	1430	10.00	14200	1.05						
	177	1190	8.29	14300	1.20						
	203	1030	7.21	14200	1.25						
30	5.6	47700	261	190000	1.05	K	187 R107	DV	200L4	2030	417
	6.6	40400	221	190000	1.25						
	7.6	35200	193	190000	1.40						
	9.0	29700	163	190000	1.70						
	6.9	38400	213	150000	0.85	K	167 R107	DV	200L4	1450	417
	7.1	37500	206	150000	0.85						
	8.2	32400	180	150000	1.00						
	9.2	29100	160	150000	1.10						
	11	24700	135	150000	1.30						
	12	21500	118	150000	1.50						
	8.2	35100	179.86	190000	1.45	K	187	DV	200L4	1860	415
	8.9	32200	165.21	190000	1.55						
	10	28200	144.59	190000	1.75						
	11	25300	129.69	190000	2.0						
	13	21900	112.60	190000	2.3						
	14	19900	102.16	190000	2.5						
	17	17200	88.00	190000	2.9						
	13	21400	109.83	150000	1.50	K	167	DV	200L4	1280	413
	17	17100	87.86	150000	1.85						
	19	15200	78.14	150000	2.1						
	22	13300	68.07	150000	2.4						
	24	11800	60.74	150000	2.7						
	15	19500	100.22	92700	0.90	K	157	DV	200L4	880	408
	16	17900	91.65	92800	1.00						
	18	15500	79.75	92400	1.15						
	21	13700	70.38	91800	1.30						
	24	11900	61.02	90700	1.50						
	27	10600	54.29	89500	1.70						
	31	9120	46.79	87800	1.95						
	39	7410	38.02	85100	2.4						
	47	6100	31.30	82200	3.0						
	21	13800	70.95*	64200	0.95	K	127	DV	200L4	650	403
	23	12200	62.60	64600	1.05						
	27	10500	54.07	64700	1.25						
	31	9320	47.82	64400	1.40						
	37	7830	40.19	63700	1.65						
	41	7060	36.25	63100	1.85						
	47	6110	31.37	62000	2.1						
	53	5390	27.68	61000	2.4						
	62	4660	23.91	59600	2.8						



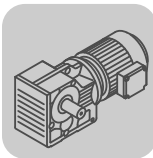
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
30	35	8250	42.33*	36100	0.90	K	107	DV	200L4	500	398
	40	7210	37.00*	37600	1.00	KF	107	DV	200L4	510	399
	47	6100	31.28*	38000	1.10	KA	107	DV	200L4	470	400
						KAF	107	DV	200L4	495	399
	51	5650	29.00	38000	1.25						
	56	5130	26.32	38000	1.40						
	65	4410	22.62	37700	1.65						
	74	3850	19.74	37400	1.85						
	88	3260	16.75	36700	2.2						
	100	2850	14.64	36100	2.4						
	109	2620	13.43	34400	1.65						
	125	2280	11.73	33800	1.90						
	148	1940	9.94	33000	2.2						
	169	1690	8.69	32200	2.4						
	59	4820	24.75	19600	0.90						
	66	4360	22.37	20100	1.00						
	78	3690	18.96	20700	1.15						
	89	3230	16.56	21000	1.35						
	106	2700	13.85	21200	1.60						
	123	2340	11.99	21100	1.65						
	141	2030	10.41	19500	1.40						
	169	1700	8.71	19400	1.55						
37	5.6	58800	261	190000	0.85	K	187 R107	DV	225S4	2080	417
	6.6	49900	221	190000	1.00	KH	187 R107	DV	225S4	2020	417
	7.6	43500	193	190000	1.15						
	9.0	36700	163	190000	1.35						
	8.2	40100	180	150000	0.80						
	9.2	36000	160	150000	0.90						
	11	30500	135	150000	1.05						
	12	26600	118	150000	1.20						
	8.2	43200	179.86	190000	1.15						
	8.9	39700	165.21	190000	1.25						
	10	34800	144.59	190000	1.45						
	11	31200	129.69	190000	1.60						
	13	27100	112.60	190000	1.85						
	14	24600	102.16	190000	2.0						
	17	21200	88.00	190000	2.4						
	13	26400	109.83	150000	1.20						
	17	21100	87.86	150000	1.50						
	19	18800	78.14	150000	1.70						
	22	16400	68.07	150000	1.95						
	24	14600	60.74	150000	2.2						
	28	12400	51.77	150000	2.6						
	16	22000	91.65	83600	0.80						
	18	19200	79.75	84500	0.95						
						K	157	DV	225S4	930	408
						KF	157	DV	225S4	1010	409
						KA	157	DV	225S4	900	410
						KAF	157	DV	225S4	960	409
	21	16900	70.38	84800	1.05						
	24	14700	61.02	84600	1.25						
	27	13000	54.29	84100	1.40						
	31	11200	46.79	83200	1.60						
	39	9140	38.02	81300	1.95						
	47	7520	31.30	79100	2.4						
	23	15000	62.60	57500	0.85						
	27	13000	54.07	58500	1.00						
	31	11500	47.82	59000	1.15						
	37	9660	40.19	59100	1.35						
	41	8710	36.25	59000	1.50						
	47	7540	31.37	58500	1.70						
	53	6650	27.68	57800	1.95						
	62	5740	23.91	56900	2.3						
	70	5080	21.15	56000	2.6						
	83	4270	17.77	54500	3.0						
	102	3450	14.35	52500	3.5						
	115	3070	12.79	50200	2.8						
	137	2580	10.74	48600	3.1						
	169	2090	8.68	46600	3.5						

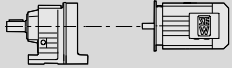


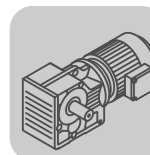
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
37	40	8890	37.00*	29000	0.80						
	47	7520	31.28*	33000	0.90						
	51	6970	29.00	34200	1.05						
	56	6320	26.32	34500	1.15						
	65	5440	22.62	34700	1.30	K	107	DV	225S4	550	398
	74	4740	19.74	34700	1.50	KF	107	DV	225S4	560	399
	88	4020	16.75	34500	1.75	KA	107	DV	225S4	520	400
	100	3520	14.64	34200	1.95	KAF	107	DV	225S4	540	399
	109	3230	13.43	32300	1.35						
	125	2820	11.73	32000	1.55						
	148	2390	9.94	31400	1.75						
	169	2090	8.69	30900	1.95						
45	6.6	60700	221	190000	0.80	K	187 R107	DV	225M4	2110	417
	7.6	53000	193	190000	0.95	KH	187 R107	DV	225M4	2040	417
	9.0	44800	163	190000	1.10						
	11	37100	135	150000	0.85	K	167 R107	DV	225M4	1530	417
	12	32400	118	150000	1.00	KH	167 R107	DV	225M4	1490	417
	8.2	52600	179.86	185500	0.95						
	8.9	48300	165.21	190000	1.05						
	10	42300	144.59	190000	1.20						
	11	37900	129.69	190000	1.30	K	187	DV	225M4	1940	415
	13	32900	112.60	190000	1.50	KH	187	DV	225M4	1870	416
	14	29900	102.16	190000	1.65						
	17	25700	88.00	190000	1.95						
	20	21600	73.96	187700	2.3						
	13	32100	109.83	150000	1.00						
	17	25700	87.86	150000	1.25						
	19	22800	78.14	150000	1.40						
	22	19900	68.07	150000	1.60	K	167	DV	225M4	1360	413
	24	17800	60.74	149000	1.80	KH	167	DV	225M4	1320	414
	28	15100	51.77	145300	2.1						
	34	12500	42.89	140600	2.6						
	21	20600	70.38	76800	0.85						
	24	17800	61.02	77700	1.00						
	27	15900	54.29	77900	1.15						
	31	13700	46.79	77800	1.30	K	157	DV	225M4	960	408
	39	11100	38.02	76900	1.60	KF	157	DV	225M4	1040	409
	47	9150	31.30	75500	1.95	KA	157	DV	225M4	930	410
	53	8080	27.62	74300	2.2	KAF	157	DV	225M4	980	409
	61	7000	23.95	72800	2.6						
	69	6230	21.31	71500	2.9						
	80	5370	18.37	69700	3.4						
	31	14000	47.82	52800	0.95	K	127	DV	225M4	730	403
	37	11700	40.19	53900	1.10	KF	127	DV	225M4	770	404
	41	10600	36.25	54200	1.25	KA	127	DV	225M4	700	405
						KAF	127	DV	225M4	740	404
	47	9170	31.37	54400	1.40						
	53	8090	27.68	54200	1.60						
	62	6990	23.91	53800	1.85						
	70	6180	21.15	53200	2.1	K	127	DV	225M4	730	403
	83	5190	17.77	52200	2.5	KF	127	DV	225M4	770	404
	102	4190	14.35	50700	2.9	KA	127	DV	225M4	700	405
	115	3740	12.79	48300	2.3	KAF	127	DV	225M4	740	404
	137	3140	10.74	47000	2.6						
	169	2540	8.68	45300	2.9						
	51	8480	29.00	25600	0.85	K	107	DV	225M4	570	398
	56	7690	26.32	28300	0.95	KF	107	DV	225M4	590	399
	65	6610	22.62	31000	1.10	KA	107	DV	225M4	550	400
	74	5770	19.74	31700	1.25	KAF	107	DV	225M4	570	399
	88	4890	16.75	31900	1.45						
	100	4280	14.64	31900	1.60	K	107	DV	225M4	570	398
	109	3930	13.43	29900	1.10	KF	107	DV	225M4	590	399
	125	3430	11.73	29900	1.25	KA	107	DV	225M4	550	400
	148	2910	9.94	29600	1.45	KAF	107	DV	225M4	570	399
	169	2540	8.69	29300	1.60						



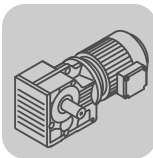
Helical-Bevel Gearmotors

Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
55	10	51500	144.59	187400	0.95	K KH	187 187	DV DV	250M4 250M4	2070 2000	415 416
	11	46200	129.69	190000	1.10						
	13	40100	112.60	188500	1.25						
	14	36400	102.16	187100	1.35						
	17	31300	88.00	184200	1.60						
	20	26300	73.96	180200	1.90						
	23	22800	64.04	176300	2.2						
	17	31300	87.86	145300	1.00	K KH	167 167	DV DV	250M4 250M4	1490 1450	413 414
	19	27800	78.14	144600	1.15						
	22	24200	68.07	143300	1.30						
	24	21600	60.74	141700	1.50						
	28	18400	51.77	139100	1.75						
	34	15300	42.89	135400	2.1						
	40	13000	36.61	131900	2.5						
	24	21700	61.02	69000	0.85	K KF KA KAF	157 157 157 157	DV DV DV DV	250M4 250M4 250M4 250M4	1090 1170 1050 1110	408 409 410 409
	27	19300	54.29	70200	0.95						
	32	16700	46.79	71200	1.10						
	39	13500	38.02	71500	1.35						
	47	11100	31.30	71000	1.60						
	53	9840	27.62	70400	1.85						
	62	8530	23.95	69400	2.1						
	69	7590	21.31	68400	2.4						
	80	6540	18.37	67000	2.8						
	99	5310	14.92	64800	3.4						
	117	4510	12.65	62900	3.8						
	37	14300	40.19	47400	0.90	K KF KA KAF	127 127 127 127	DV DV DV DV	250M4 250M4 250M4 250M4	850 890 820 860	403 404 405 404
	47	11200	31.37	49300	1.15						
	53	9850	27.68	49700	1.30						
	62	8510	23.91	49900	1.55						
	70	7530	21.15	49800	1.75	K KF KA KAF	127 127 127 127	DV DV DV DV	250M4 250M4 250M4 250M4	850 890 820 860	403 404 405 404
	83	6330	17.77	49300	2.1						
	103	5110	14.35	48300	2.4						
	115	4550	12.79	45900	1.85						
	137	3830	10.74	45000	2.1						
	170	3090	8.68	43600	2.3						
75	11	62800	129.69	164100	0.80	K KH	187 187	DV DV	280S4 280S4	2200 2130	415 416
	13	54500	112.60	166100	0.90						
	14	49400	102.16	166600	1.00						
	17	42600	88.00	166600	1.15						
	20	35800	73.96	165300	1.40						
	23	31000	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	K KH	167 167	DV DV	280S4 280S4	1620 1580	413 414
	22	32900	68.07	127100	0.95						
	24	29400	60.74	127300	1.10						
	29	25100	51.77	126800	1.30						
	35	20800	42.89	125200	1.55						
	40	17700	36.61	123200	1.80						
	46	15600	32.25	121300	2.1						
	51	13900	28.77	119300	2.3						
	60	11900	24.52	116300	2.7						
	39	18400	38.02	60800	1.00	K KF KA KAF	157 157 157 157	DV DV DV DV	280S4 280S4 280S4 280S4	1220 1300 1190 1250	408 409 410 409
	47	15100	31.30	62200	1.20						
	54	13400	27.62	62600	1.35						
	62	11600	23.95	62600	1.55						
	69	10300	21.31	62400	1.75						
	81	8890	18.37	61800	2.0						
	99	7220	14.92	60500	2.5						
	117	6120	12.65	59300	2.8						

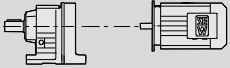


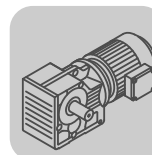
P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
75	47	15200	31.37	39200	0.85	K KF KA KAF	127	DV	280S4	990	403
	53	13400	27.68	40800	0.95						
	62	11600	23.91	42200	1.10						
	70	10200	21.15	42900	1.25						
	83	8600	17.77	43500	1.50						
	103	6940	14.35	43700	1.75						
	116	6190	12.79	41100	1.40						
	138	5200	10.74	41000	1.55						
90	171	4200	8.68	40400	1.70	K KH	127	DV	280S4	1000	404
	14	59300	102.16	151300	0.85						
	17	51100	88.00	153400	1.00						
	20	42900	73.96	154200	1.15						
	23	37200	64.04	153800	1.35						
	28	31000	53.36	152200	1.60						
	33	26400	45.50*	149900	1.90						
	35	24700	42.51	148700	2.0						
	38	22400	38.57	146900	2.2						
	22	39500	68.07	115100	0.80						
	24	35300	60.74	116600	0.90						
	29	30100	51.77	117600	1.05						
	35	24900	42.89	117600	1.30						
	40	21300	36.61	116700	1.50						
	46	18700	32.25	115500	1.70						
	51	16700	28.77	114200	1.90						
	60	14200	24.52	111900	2.3						
	73	11800	20.32	108800	2.7						
	85	10100	17.34	106000	3.2						
	39	22100	38.02	52700	0.80						
	62	13900	23.95	57500	1.30						
	69	12400	21.31	57900	1.45						
	81	10700	18.37	57900	1.70						
	99	8670	14.92	57400	2.1						
	117	7350	12.65	56600	2.3						
	62	13900	23.91	36400	0.95						
	70	12300	21.15	37800	1.05						
	83	10300	17.77	39200	1.25						
	103	8330	14.35	40200	1.45						
	116	7420	12.79	37600	1.15						
	138	6240	10.74	38000	1.30						
	171	5040	8.68	38000	1.45						
110	17	62300	88.00	136000	0.80	K KH	127	D	315S4	2510	415
	20	52300	73.96	139500	0.95						
	23	45300	64.04	141000	1.10						
	28	37700	53.36	141500	1.30						
	33	32200	45.50*	140800	1.55						
	35	30100	42.51	140200	1.65						
	39	27300	38.57	139100	1.85						
	45	23500	33.23	137000	2.1						
	53	19800	27.92	134000	2.5						
	29	36600	51.77	105500	0.85						
	35	30300	42.89	107500	1.05						
	41	25900	36.61	108100	1.25						
	46	22800	32.25	107900	1.40						
	52	20400	28.77	107400	1.55						
	61	17300	24.52	106100	1.85						
	73	14400	20.32	104000	2.2						
	86	12300	17.34	101800	2.6						
	62	16900	23.95	50800	1.05						
	70	15100	21.31	51900	1.20						
	81	13000	18.37	52700	1.40						
	100	10600	14.92	53100	1.70						
	117	8950	12.65	53000	1.90						



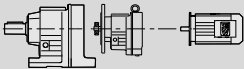
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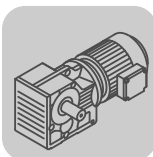
Selection tables [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	$F_{Ra}^{1)}$ [N]	SEW f_B					m [kg]	
132	20	62800	73.96	123300	0.80	K KH	187 187	D D	315M4 315M4	2610 2540	415 416
	23	54400	64.04	127000	0.90						
	28	45300	53.36	129800	1.10						
	33	38600	45.50*	130800	1.30						
	35	36100	42.51	130900	1.40						
	39	32700	38.57	130700	1.55						
	45	28200	33.23	129800	1.75						
	53	23700	27.92	127900	2.1						
	61	20500	24.18	125900	2.3						
	74	17100	20.15	122800	2.6						
	86	14600	17.18	119700	2.8						
	35	36400	42.89	96400	0.90	K KH	167 167	D D	315M4 315M4	2030 1990	413 414
	41	31100	36.61	98600	1.05						
	46	27400	32.25	99600	1.15						
	52	24400	28.77	99900	1.30						
	61	20800	24.52	99800	1.55						
	73	17200	20.32	98700	1.85						
	86	14700	17.34	97300	2.2	K KF KA KAF	157 157 157 157	D D D D	315M4 315M4 315M4 315M4	1630 1710 1590 1650	408 409 410 409
	62	20300	23.95	43400	0.90						
	70	18100	21.31	45300	1.00						
	81	15600	18.37	47000	1.15						
	100	12700	14.92	48500	1.40						
	117	10700	12.65	49100	1.60						
160	28	54900	53.36	114900	0.90	K KH	187 187	D D	315M4A 315M4A	2770 2710	415 416
	33	46800	45.50*	118100	1.05						
	45	34200	33.23	120500	1.45						
	53	28700	27.92	120100	1.75						
	61	24900	24.18	119100	1.90						
	74	20700	20.15	117200	2.1						
	86	17700	17.18	114900	2.3	K KH	167 167	D D	315M4A 315M4A	2190 2150	413 414
	41	37700	36.61	86500	0.85						
	61	25200	24.52	91700	1.25						
	73	20900	20.32	92000	1.55						
	86	17800	17.34	91600	1.80						
	81	18900	18.37	39800	0.95						
	100	15400	14.92	42600	1.15	K KF KA KAF	157 157 157 157	D D D D	315M4A 315M4A 315M4A 315M4A	1800 1870 1760 1820	408 409 410 409
	117	13000	12.65	44100	1.30						
200	33	58500	45.50*	100000	0.85	K KH	187 187	D D	315M4B 315M4B	2920 2850	415 416
	45	42700	33.23	107300	1.15						
	53	35900	27.92	109000	1.40						
	61	31100	24.18	109500	1.55						
	74	25900	20.15	109100	1.70						
	86	22100	17.18	108100	1.85						
	61	31500	24.52	80100	1.00	K KH	167 167	D D	315M4B 315M4B	2340 2300	413 414
	73	26100	20.32	82400	1.20						
	86	22300	17.34	83400	1.45						
	100	19200	14.92	34200	0.95	K KF KA KAF	157 157 157 157	D D D D	315M4B 315M4B 315M4B 315M4B	1940 2020 1900 1960	408 409 410 409
	117	16300	12.65	36900	1.05						



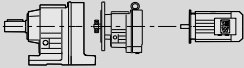
5.4 Selection tables for particularly low output speeds [Nm]

$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
200	0.20	6832	5640	K	37 R17	DR	63S4	19	417
	0.23	5922	5640						
	0.25	5491	5640						
	0.29	4759	5640						
	0.33	4160	5640						
	0.38	3645	5640						
	0.43	3205	5640						
	0.49	2801	5640						
	0.56	2454	5640						
	0.64	2166	5640						
	0.73	1891	5640						
	0.83	1660	5640						
	0.94	1466	5640						
	1.1	1288	5640	KF	37 R17	DR	63S4	22	417
	1.2	1136	5640						
	1.4	996	5640						
	1.6	876	5640						
	1.8	761	5640						
	2.1	671	5640						
	2.4	585	5640						
	2.7	512	5640						
	3.1	451	5640						
	3.5	396	5640						
	4.0	346	5640						
	4.3	304	5640	KA	37 R17	DR	63S4	19	417
	4.9	267	5640						
	5.7	234	5640						
	6.4	205	5640						
	7.2	181	5640						
	8.1	160	5640						
	9.5	136	5640						
	10	127	5640						
	12	110	5640						
	14	96	5640						
	12	110	5640	KAF	37 R17	DR	63S4	21	417
	14	96	5640						
	12	110	5640						
	14	96	5640						
	12	110	5640						
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	12	110	5640						
	14	96	5640						
	12	110	5640						



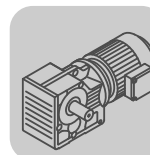
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Selection tables for particularly low output speeds [Nm]

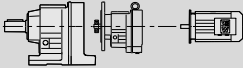
$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
400	3.5	375	5920	K	47 R37	DR	63L4	34	417
	4.0	327	5920	KF	47 R37	DR	63L4	37	417
	4.5	289	5920	KA	47 R37	DR	63L4	33	417
				KAF	47 R37	DR	63L4	36	417
	5.4	256	5920	K	47 R37	DT	71D4	35	417
	6.2	225	5920	KF	47 R37	DT	71D4	38	417
	7.0	198	5920	KA	47 R37	DT	71D4	34	417
				KAF	47 R37	DT	71D4	37	417
	8.0	171	5920	K	47 R37	DT	80K4	37	417
	8.9	153	5920	KF	47 R37	DT	80K4	40	417
	10	131	5920	KA	47 R37	DT	80K4	36	417
				KAF	47 R37	DT	80K4	39	417
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	57 R37	DR	63S4	39	417
	0.27	5033	7630	KF	57 R37	DR	63S4	44	417
	0.32	4340	7630	KA	57 R37	DR	63S4	37	417
	0.36	3854	7630	KAF	57 R37	DR	63S4	43	417
	0.41	3390	7630						
	0.47	2924	7630						
	0.53	2593	7630						
	0.61	2249	7630						
	0.70	1986	7630						
	0.79	1743	7630	K	57 R37	DR	63S4	39	417
	0.90	1539	7630	KF	57 R37	DR	63S4	44	417
	1.0	1354	7630	KA	57 R37	DR	63S4	37	417
	1.2	1174	7630	KAF	57 R37	DR	63S4	43	417
	1.3	1036	7630						
	1.5	906	7630	K	57 R37	DR	63M4	39	417
	1.6	806	7630	KF	57 R37	DR	63M4	44	417
	1.9	699	7630	KA	57 R37	DR	63M4	37	417
	2.1	615	7630	KAF	57 R37	DR	63M4	43	417
	2.4	544	7630	K	57 R37	DR	63L4	40	417
	2.8	473	7630	KF	57 R37	DR	63L4	45	417
	3.1	421	7630	KA	57 R37	DR	63L4	38	417
				KAF	57 R37	DR	63L4	43	417
	3.8	362	7630	K	57 R37	DT	71D4	41	417
	4.3	319	7630	KF	57 R37	DT	71D4	46	417
	4.9	280	7630	KA	57 R37	DT	71D4	39	417
				KAF	57 R37	DT	71D4	44	417
	5.5	246	7630	K	57 R37	DT	80K4	43	417
	6.3	215	7630	KF	57 R37	DT	80K4	48	417
	7.1	192	7630	KA	57 R37	DT	80K4	41	417
				KAF	57 R37	DT	80K4	46	417
	8.3	166	7630	K	57 R37	DT	80N4	44	417
	9.6	145	7630	KF	57 R37	DT	80N4	49	417
	11	129	7630	KA	57 R37	DT	80N4	42	417
				KAF	57 R37	DT	80N4	47	417
	13	111	7630	K	57 R37	DT	90S4	49	417
	14	97	7630	KF	57 R37	DT	90S4	54	417
				KA	57 R37	DT	90S4	47	417
				KAF	57 R37	DT	90S4	53	417

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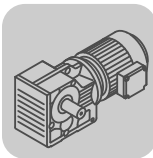
Selection tables for particularly low output speeds [Nm]



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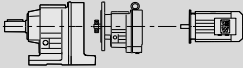
$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
820	0.11	12139	10300	K KF KA KAF	67 R37	DR	63S4	45	417
	0.12	11134	10300						
	0.15	9479	10300						
	0.17	8173	10300						
	0.19	7259	10300						
	0.21	6462	10300						
	0.24	5648	10300						
	0.28	4846	10300						
	0.32	4329	10300						
	0.37	3750	10300						
	0.42	3315	10300						
	0.47	2917	10300						
	0.55	2532	10300						
	0.62	2244	10300						
	0.70	1981	10300						
	0.79	1739	10300	K	67 R37	DR	63S4	45	417
	0.90	1535	10300	KF	67 R37	DR	63S4	51	417
	1.0	1351	10300	KA	67 R37	DR	63S4	42	417
				KAF	67 R37	DR	63S4	48	417
	1.1	1171	10300	K	67 R37	DR	63M4	45	417
	1.3	1034	10300	KF	67 R37	DR	63M4	51	417
	1.5	903	10300	KA	67 R37	DR	63M4	42	417
	1.7	793	10300	KAF	67 R37	DR	63M4	48	417
	1.9	697	10300	K	67 R37	DR	63L4	46	417
	2.1	613	10300	KF	67 R37	DR	63L4	51	417
	2.4	542	10300	KA	67 R37	DR	63L4	43	417
				KAF	67 R37	DR	63L4	49	417
	2.9	471	10300	K	67 R37	DT	71D4	47	417
	3.3	420	10300	KF	67 R37	DT	71D4	52	417
				KA	67 R37	DT	71D4	44	417
				KAF	67 R37	DT	71D4	50	417
	3.8	361	10300	K	67 R37	DT	80K4	49	417
	4.2	323	10300	KF	67 R37	DT	80K4	54	417
	4.9	279	10300	KA	67 R37	DT	80K4	46	417
	5.5	246	10300	KAF	67 R37	DT	80K4	52	417
	6.4	217	10300	K	67 R37	DT	80N4	50	417
	7.2	191	10300	KF	67 R37	DT	80N4	55	417
				KA	67 R37	DT	80N4	47	417
				KAF	67 R37	DT	80N4	53	417
1550	0.09	15310	15400	K KF KA KAF	77 R37	DR	63S4	69	417
	0.10	14043	15400						
	0.12	11955	15400						
	0.14	10217	15400						
	0.16	8809	15400						
	0.18	7528	15400						
	0.21	6606	15400						
	0.24	5774	15400						
	0.27	5089	15400						
	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	77 R37	DR	63M4	69	417
				KF	77 R37	DR	63M4	78	417
				KA	77 R37	DR	63M4	62	417
				KAF	77 R37	DR	63M4	70	417
	0.64	2050	15400	K	77 R37	DR	63M4	69	417
	0.75	1772	15400	KF	77 R37	DR	63M4	77	417
	0.87	1514	15400	KA	77 R37	DR	63M4	62	417
				KAF	77 R37	DR	63M4	70	417

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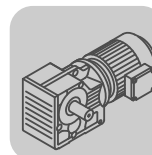
Helical-Bevel Gearmotors

Selection tables for particularly low output speeds [Nm]

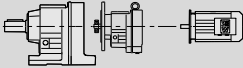
$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
1550	0.94	1388	15400	K	77 R37	DR	63L4	70	417
	1.1	1218	15400	KF	77 R37	DR	63L4	78	417
	1.2	1053	15400	KA	77 R37	DR	63L4	62	417
				KAF	77 R37	DR	63L4	70	417
	1.5	924	15400	K	77 R37	DT	71D4	71	417
	1.7	815	15400	KF	77 R37	DT	71D4	79	417
	1.9	709	15400	KA	77 R37	DT	71D4	63	417
				KAF	77 R37	DT	71D4	71	417
	2.2	622	15400	K	77 R37	DT	80K4	73	417
	2.5	552	15400	KF	77 R37	DT	80K4	81	417
	2.8	485	15400	KA	77 R37	DT	80K4	65	417
				KAF	77 R37	DT	80K4	73	417
	3.2	428	15400	K	77 R37	DT	80N4	74	417
	3.8	367	15400	KF	77 R37	DT	80N4	82	417
				KA	77 R37	DT	80N4	66	417
				KAF	77 R37	DT	80N4	74	417
	4.3	328	15400	K	77 R37	DT	90S4	79	417
	4.8	290	15400	KF	77 R37	DT	90S4	87	417
	5.5	252	15400	KA	77 R37	DT	90S4	72	417
				KAF	77 R37	DT	90S4	79	417
2700	0.09	14829	27300						
	0.10	13168	27300						
	0.12	11737	27300						
	0.14	10217	27300	K	87 R57	DR	63S4	120	417
	0.15	9073	27300	KF	87 R57	DR	63S4	130	417
	0.18	7854	27300	KA	87 R57	DR	63S4	105	417
	0.20	6832	27300	KAF	87 R57	DR	63S4	120	417
	0.23	5930	27300						
	0.26	5240	27300						
	0.30	4562	27300						
	0.33	4037	27300	K	87 R57	DR	63M4	120	417
	0.37	3609	27300	KF	87 R57	DR	63M4	130	417
	0.42	3107	27300	KA	87 R57	DR	63M4	105	417
	0.48	2728	27300	KAF	87 R57	DR	63M4	120	417
	0.55	2371	27300	K	87 R57	DR	63L4	120	417
				KF	87 R57	DR	63L4	130	417
				KA	87 R57	DR	63L4	105	417
				KAF	87 R57	DR	63L4	120	417
	0.62	2088	27300	K	87 R57	DR	63L4	120	417
	0.70	1854	27300	KF	87 R57	DR	63L4	125	417
				KA	87 R57	DR	63L4	105	417
				KAF	87 R57	DR	63L4	120	417
	0.83	1657	27300	K	87 R57	DT	71D4	120	417
	0.97	1415	27300	KF	87 R57	DT	71D4	130	417
	1.1	1229	27300	KA	87 R57	DT	71D4	110	417
				KAF	87 R57	DT	71D4	120	417
	1.3	1078	27300	K	87 R57	DT	80K4	120	417
	1.4	951	27300	KF	87 R57	DT	80K4	130	417
	1.6	837	27300	KA	87 R57	DT	80K4	110	417
				KAF	87 R57	DT	80K4	125	417
	1.9	726	27300	K	87 R57	DT	80N4	125	417
	2.2	638	27300	KF	87 R57	DT	80N4	130	417
				KA	87 R57	DT	80N4	110	417
				KAF	87 R57	DT	80N4	125	417
	2.5	562	27300	K	87 R57	DT	90S4	130	417
	3.0	474	27300	KF	87 R57	DT	90S4	135	417
	3.3	426	27300	KA	87 R57	DT	90S4	115	417
				KAF	87 R57	DT	90S4	130	417

Helical-Bevel Gearmotors

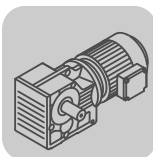
Selection tables for particularly low output speeds [Nm]



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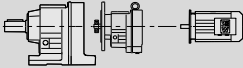
$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
2700	3.8	373	27300	K	87 R57	DT	90L4	130	417
	4.3	330	27300	KF	87 R57	DT	90L4	140	417
	4.8	294	27300	KA	87 R57	DT	90L4	120	417
				KAF	87 R57	DT	90L4	130	417
	5.6	250	27300	K	87 R57	DV	100M4	135	417
	6.0	236	27300	KF	87 R57	DV	100M4	145	417
	7.0	201	27300	KA	87 R57	DV	100M4	125	417
				KAF	87 R57	DV	100M4	140	417
4300	0.08	18091	40000						
	0.08	16666	40000						
	0.09	14897	40000						
	0.10	13182	40000	K	97 R57	DR	63S4	180	417
	0.12	11677	40000	KF	97 R57	DR	63S4	200	417
	0.13	10317	40000	KA	97 R57	DR	63S4	160	417
	0.15	9083	40000	KAF	97 R57	DR	63S4	185	417
	0.17	8054	40000						
	0.20	6970	40000						
	0.22	6027	40000	K	97 R57	DR	63M4	180	417
	0.24	5391	40000	KF	97 R57	DR	63M4	200	417
	0.28	4669	40000	KA	97 R57	DR	63M4	160	417
	0.32	4082	40000	KAF	97 R57	DR	63M4	185	417
	0.36	3583	40000	K	97 R57	DR	63L4	180	417
	0.42	3108	40000	KF	97 R57	DR	63L4	200	417
				KA	97 R57	DR	63L4	160	417
				KAF	97 R57	DR	63L4	185	417
	0.50	2757	40000	K	97 R57	DT	71D4	180	417
				KF	97 R57	DT	71D4	200	417
				KA	97 R57	DT	71D4	165	417
				KAF	97 R57	DT	71D4	190	417
	0.57	2419	40000	K	97 R57	DT	71D4	180	417
	0.65	2123	40000	KF	97 R57	DT	71D4	200	417
				KA	97 R57	DT	71D4	160	417
				KAF	97 R57	DT	71D4	185	417
	0.73	1856	40000	K	97 R57	DT	80K4	180	417
	0.84	1625	40000	KF	97 R57	DT	80K4	205	417
	0.95	1430	40000	KA	97 R57	DT	80K4	165	417
	1.1	1261	40000	KAF	97 R57	DT	80K4	190	417
	1.2	1102	40000	K	97 R57	DT	80N4	185	417
	1.4	957	40000	KF	97 R57	DT	80N4	205	417
				KA	97 R57	DT	80N4	165	417
				KAF	97 R57	DT	80N4	190	417
	1.6	855	40000	K	97 R57	DT	90S4	190	417
	1.9	743	40000	KF	97 R57	DT	90S4	210	417
	2.1	652	40000	KA	97 R57	DT	90S4	170	417
				KAF	97 R57	DT	90S4	195	417
	2.5	573	40000	K	97 R57	DT	90L4	190	417
	2.8	504	40000	KF	97 R57	DT	90L4	210	417
				KA	97 R57	DT	90L4	170	417
				KAF	97 R57	DT	90L4	195	417
	3.2	437	40000	K	97 R57	DV	100M4	195	417
	3.7	382	40000	KF	97 R57	DV	100M4	220	417
	4.1	342	40000	KA	97 R57	DV	100M4	180	417
				KAF	97 R57	DV	100M4	205	417
	4.6	305	40000	K	97 R57	DV	100L4	200	417
	5.4	258	40000	KF	97 R57	DV	100L4	220	417
	6.0	232	40000	KA	97 R57	DV	100L4	185	417
				KAF	97 R57	DV	100L4	210	417
	7.1	199	40000	K	97 R57	DV	112M4	210	417
				KF	97 R57	DV	112M4	230	417
				KA	97 R57	DV	112M4	190	417
				KAF	97 R57	DV	112M4	215	417

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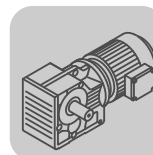
Helical-Bevel Gearmotors

Selection tables for particularly low output speeds [Nm]

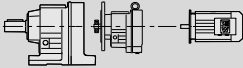
$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
8000	0.10	14311	65000	K	107 R77	DR	63S4	310	417
	0.11	12211	65000	KF	107 R77	DR	63S4	320	417
				KA	107 R77	DR	63S4	280	417
				KAF	107 R77	DR	63S4	305	417
	0.12	10677	65000	K	107 R77	DR	63M4	310	417
	0.14	9524	65000	KF	107 R77	DR	63M4	320	417
	0.16	8328	65000	KA	107 R77	DR	63M4	280	417
				KAF	107 R77	DR	63M4	305	417
	0.18	7270	65000	K	107 R77	DR	63L4	310	417
	0.21	6184	65000	KF	107 R77	DR	63L4	320	417
	0.23	5662	65000	KA	107 R77	DR	63L4	285	417
				KAF	107 R77	DR	63L4	305	417
	0.27	5138	65000	K	107 R77	DT	71D4	310	417
	0.32	4359	65000	KF	107 R77	DT	71D4	325	417
	0.36	3810	65000	KA	107 R77	DT	71D4	285	417
				KAF	107 R77	DT	71D4	305	417
	0.41	3358	65000	K	107 R77	DT	80K4	315	417
	0.46	2977	65000	KF	107 R77	DT	80K4	325	417
	0.52	2599	65000	KA	107 R77	DT	80K4	285	417
				KAF	107 R77	DT	80K4	310	417
	0.60	2286	65000	K	107 R77	DT	80N4	315	417
	0.71	1939	65000	KF	107 R77	DT	80N4	325	417
				KA	107 R77	DT	80N4	285	417
				KAF	107 R77	DT	80N4	310	417
	0.82	1713	65000	K	107 R77	DT	90S4	320	417
	0.90	1554	65000	KF	107 R77	DT	90S4	330	417
	1.1	1336	65000	KA	107 R77	DT	90S4	290	417
				KAF	107 R77	DT	90S4	315	417
	1.2	1166	65000	K	107 R77	DT	90L4	320	417
	1.4	1030	65000	KF	107 R77	DT	90L4	330	417
	1.6	904	65000	KA	107 R77	DT	90L4	290	417
				KAF	107 R77	DT	90L4	315	417
	1.8	793	65000	K	107 R77	DV	100M4	325	417
	2.0	696	65000	KF	107 R77	DV	100M4	340	417
	2.3	615	65000	KA	107 R77	DV	100M4	300	417
				KAF	107 R77	DV	100M4	325	417
	2.7	522	65000	K	107 R77	DV	100L4	330	417
	3.0	461	65000	KF	107 R77	DV	100L4	340	417
				KA	107 R77	DV	100L4	305	417
				KAF	107 R77	DV	100L4	325	417
	3.5	408	65000	K	107 R77	DV	112M4	335	417
	3.9	364	65000	KF	107 R77	DV	112M4	350	417
				KA	107 R77	DV	112M4	310	417
				KAF	107 R77	DV	112M4	335	417
	4.5	318	65000	K	107 R77	DV	132S4	345	417
	5.0	286	65000	KF	107 R77	DV	132S4	355	417
	5.7	251	65000	KA	107 R77	DV	132S4	315	417
				KAF	107 R77	DV	132S4	340	417
13000	0.08	17550	79200	K	127 R77	DR	63M4	470	417
	0.08	16006	79200	KF	127 R77	DR	63M4	510	417
	0.09	14975	79200	KA	127 R77	DR	63M4	440	417
	0.11	12440	79200	KAF	127 R77	DR	63M4	480	417
	0.12	10915	79200	K	127 R77	DR	63L4	470	417
	0.13	9819	79200	KF	127 R77	DR	63L4	510	417
				KA	127 R77	DR	63L4	440	417
				KAF	127 R77	DR	63L4	480	417
	0.16	8443	79200	K	127 R77	DT	71D4	470	417
	0.18	7482	79200	KF	127 R77	DT	71D4	510	417
	0.21	6565	79200	KA	127 R77	DT	71D4	445	417
				KAF	127 R77	DT	71D4	480	417

Helical-Bevel Gearmotors

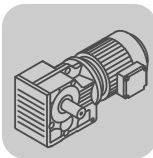
Selection tables for particularly low output speeds [Nm]



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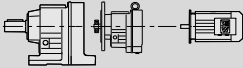
$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
13000	0.23	5804	79200	K	127 R77	DT	80K4	475	417
	0.27	5027	79200	KF	127 R77	DT	80K4	520	417
	0.31	4423	79200	KA	127 R77	DT	80K4	445	417
	0.35	3889	79200	KAF	127 R77	DT	80K4	480	417
	0.42	3311	79200	K	127 R77	DT	80N4	475	417
	0.46	3009	79200	KF	127 R77	DT	80N4	520	417
				KA	127 R77	DT	80N4	445	417
				KAF	127 R77	DT	80N4	485	417
	0.54	2607	79200	K	127 R77	DT	90S4	480	417
	0.62	2268	79200	KF	127 R77	DT	90S4	520	417
				KA	127 R77	DT	90S4	450	417
				KAF	127 R77	DT	90S4	490	417
	0.73	1926	79200	K	127 R77	DT	90S4	480	417
				KF	127 R77	DT	90S4	520	417
				KA	127 R77	DT	90S4	450	417
				KAF	127 R77	DT	90S4	490	417
	0.80	1757	79200	K	127 R77	DT	90L4	480	417
	0.91	1541	79200	KF	127 R77	DT	90L4	520	417
				KA	127 R77	DT	90L4	450	417
				KAF	127 R77	DT	90L4	490	417
	1.1	1342	79200	K	127 R77	DV	100M4	485	417
	1.2	1177	79200	KF	127 R77	DV	100M4	530	417
	1.4	1025	79200	KA	127 R77	DV	100M4	460	417
				KAF	127 R77	DV	100M4	495	417
	1.6	899	79200	K	127 R77	DV	100L4	490	417
	1.8	790	79200	KF	127 R77	DV	100L4	530	417
	2.0	704	79200	KA	127 R77	DV	100L4	465	417
				KAF	127 R77	DV	100L4	500	417
	2.3	610	79200	K	127 R77	DV	112M4	495	417
	2.6	549	79200	KF	127 R77	DV	112M4	540	417
				KA	127 R77	DV	112M4	470	417
				KAF	127 R77	DV	112M4	510	417
	3.0	477	79200	K	127 R77	DV	132S4	500	417
	3.4	418	79200	KF	127 R77	DV	132S4	550	417
				KA	127 R77	DV	132S4	475	417
				KAF	127 R77	DV	132S4	510	417
	2.6	536	79200	K	127 R87	DV	112M4	520	417
				KF	127 R87	DV	112M4	560	417
				KA	127 R87	DV	112M4	490	417
				KAF	127 R87	DV	112M4	530	417
	3.0	473	79200	K	127 R87	DV	132S4	520	417
	3.4	418	79200	KF	127 R87	DV	132S4	570	417
				KA	127 R87	DV	132S4	495	417
				KAF	127 R87	DV	132S4	530	417
	3.9	367	79200	K	127 R87	DV	132M4	550	417
	4.3	330	79200	KF	127 R87	DV	132M4	590	417
	5.0	287	79200	KA	127 R87	DV	132M4	520	417
				KAF	127 R87	DV	132M4	550	417
	5.7	253	79200	K	127 R87	DV	132ML4	550	417
				KF	127 R87	DV	132ML4	600	417
				KA	127 R87	DV	132ML4	530	417
				KAF	127 R87	DV	132ML4	560	417
18000	0.08	17679	112200						
	0.09	15729	112200						
	0.09	14721	112200	K	157 R97	DT	80K4	790	417
	0.10	13097	112200	KF	157 R97	DT	80K4	870	417
	0.12	11368	112200	KA	157 R97	DT	80K4	750	417
	0.13	10114	112200	KAF	157 R97	DT	80K4	810	417
	0.16	8718	112200						
	0.18	7734	112200						

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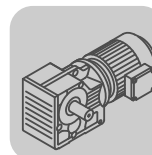
Helical-Bevel Gearmotors

Selection tables for particularly low output speeds [Nm]

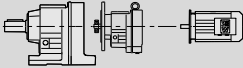
$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
18000	0.28	5074	112200						
	0.31	4514	112200	K	157 R97	DT	90S4	800	417
	0.35	3979	112200	KF	157 R97	DT	90S4	870	417
	0.40	3516	112200	KA	157 R97	DT	90S4	760	417
	0.46	3051	112200	KAF	157 R97	DT	90S4	820	417
	0.54	2610	112200	K	157 R97	DT	90L4	800	417
	0.61	2322	112200	KF	157 R97	DT	90L4	880	417
				KA	157 R97	DT	90L4	760	417
				KAF	157 R97	DT	90L4	820	417
	0.70	2029	112200	K	157 R97	DV	100M4	800	417
	0.78	1805	112200	KF	157 R97	DV	100M4	880	417
				KA	157 R97	DV	100M4	770	417
				KAF	157 R97	DV	100M4	830	417
	0.85	1659	112200	K	157 R97	DV	100M4	800	417
	1.0	1365	112200	KF	157 R97	DV	100M4	880	417
				KA	157 R97	DV	100M4	760	417
				KAF	157 R97	DV	100M4	820	417
	1.1	1229	112200	K	157 R97	DV	100L4	810	417
	1.3	1093	112200	KF	157 R97	DV	100L4	880	417
				KA	157 R97	DV	100L4	770	417
				KAF	157 R97	DV	100L4	830	417
	1.5	942	112200	K	157 R97	DV	112M4	810	417
	1.7	854	112200	KF	157 R97	DV	112M4	890	417
	1.9	756	112200	KA	157 R97	DV	112M4	780	417
				KAF	157 R97	DV	112M4	830	417
	2.2	661	112200	K	157 R97	DV	132S4	820	417
	2.5	567	112200	KF	157 R97	DV	132S4	900	417
				KA	157 R97	DV	132S4	780	417
				KAF	157 R97	DV	132S4	840	417
	2.8	504	112200	K	157 R97	DV	132M4	840	417
	3.3	434	112200	KF	157 R97	DV	132M4	920	417
				KA	157 R97	DV	132M4	800	417
				KAF	157 R97	DV	132M4	860	417
	3.8	379	112200	K	157 R97	DV	132ML4	850	417
	4.3	333	112200	KF	157 R97	DV	132ML4	930	417
				KA	157 R97	DV	132ML4	810	417
				KAF	157 R97	DV	132ML4	870	417
	5.0	291	112200	K	157 R97	DV	160M4	850	417
				KF	157 R97	DV	160M4	930	417
				KA	157 R97	DV	160M4	820	417
				KAF	157 R97	DV	160M4	870	417
	3.7	385	112200	K	157 R107	DV	132ML4	890	417
	4.4	325	112200	KF	157 R107	DV	132ML4	970	417
				KA	157 R107	DV	132ML4	860	417
				KAF	157 R107	DV	132ML4	920	417
	4.8	299	112200	K	157 R107	DV	160M4	900	417
				KF	157 R107	DV	160M4	980	417
				KA	157 R107	DV	160M4	860	417
				KAF	157 R107	DV	160M4	920	417
	5.8	253	112200	K	157 R107	DV	160L4	940	417
	6.3	230	112200	KF	157 R107	DV	160L4	1020	417
	6.9	213	112200	KA	157 R107	DV	160L4	900	417
				KAF	157 R107	DV	160L4	960	417
32000	0.07	19723	150000						
	0.08	17406	150000						
	0.09	15000	150000	K	167 R97	DT	80K4	1180	417
	0.10	13238	150000	KH	167 R97	DT	80K4	1140	417
	0.12	11573	150000						
	0.13	10264	150000						
	0.16	8628	150000	K	167 R97	DT	80N4	1180	417
				KH	167 R97	DT	80N4	1150	417

Helical-Bevel Gearmotors

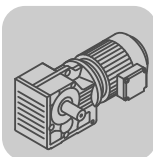
Selection tables for particularly low output speeds [Nm]



5

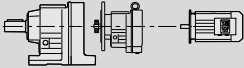
$M_{a\ max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
32000	0.21	6562	150000	K	167 R97	DT	90S4	1190	417
	0.26	5355	150000	KH	167 R97	DT	90S4	1150	417
	0.29	4788	150000	K	167 R97	DT	90L4	1190	417
	0.35	4079	150000	KH	167 R97	DT	90L4	1150	417
	0.42	3376	150000	K	167 R97	DV	100M4	1200	417
	0.51	2755	150000	KH	167 R97	DV	100M4	1160	417
	0.62	2263	150000	K	167 R97	DV	100L4	1200	417
				KH	167 R97	DV	100L4	1160	417
	0.64	2182	150000	K	167 R97	DV	100L4	1200	417
				KH	167 R97	DV	100L4	1160	417
	0.83	1704	150000	K	167 R97	DV	112M4	1210	417
	1.0	1408	150000	KH	167 R97	DV	112M4	1170	417
	1.1	1296	150000	K	167 R97	DV	132S4	1210	417
	1.3	1101	150000	KH	167 R97	DV	132S4	1170	417
	1.5	944	150000	K	167 R97	DV	132M4	1230	417
	1.7	843	150000	KH	167 R97	DV	132M4	1190	417
	1.9	757	150000						
	2.3	632	150000	K	167 R97	DV	132ML4	1240	417
				KH	167 R97	DV	132ML4	1200	417
	2.6	561	150000	K	167 R97	DV	160M4	1250	417
	3.0	481	150000	KH	167 R97	DV	160M4	1210	417
	3.5	423	150000	K	167 R97	DV	160L4	1290	417
	4.0	369	150000	KH	167 R97	DV	160L4	1250	417
	4.6	318	150000	K	167 R107	DV	180M4	1350	417
				KH	167 R107	DV	180M4	1320	417
	5.3	278	150000	K	167 R107	DV	180L4	1370	417
	6.0	244	150000	KH	167 R107	DV	180L4	1330	417
	6.9	213	150000	K	167 R107	DV	200L4	1450	417
	7.1	206	150000	KH	167 R107	DV	200L4	1410	417
	8.2	180	150000						
	9.2	160	150000	K	167 R107	DV	225S4	1500	417
				KH	167 R107	DV	225S4	1460	417
	11	135	150000	K	167 R107	DV	225M4	1530	417
	12	118	150000	KH	167 R107	DV	225M4	1490	417
50000	0.04	32625	189900						
	0.05	27165	189900						
	0.06	24353	189900	K	187 R97	DT	80K4	1760	417
	0.07	19144	189900	KH	187 R97	DT	80K4	1700	417
	0.08	16978	189900						
	0.10	14272	189900	K	187 R97	DT	80N4	1770	417
	0.11	13116	189900	KH	187 R97	DT	80N4	1700	417
	0.12	11647	189900						
	0.13	10413	189900	K	187 R97	DT	90S4	1770	417
	0.15	9363	189900	KH	187 R97	DT	90S4	1700	417
	0.17	8126	189900						
	0.19	7343	189900	K	187 R97	DT	90L4	1770	417
	0.21	6747	189900	KH	187 R97	DT	90L4	1710	417
	0.24	5991	189900						
	0.26	5358	189900	K	187 R97	DV	100M4	1780	417
	0.29	4817	189900	KH	187 R97	DV	100M4	1710	417
	0.32	4370	189900						

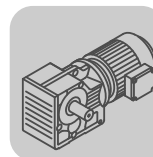
5



Helical-Bevel Gearmotors

Selection tables for particularly low output speeds [Nm]

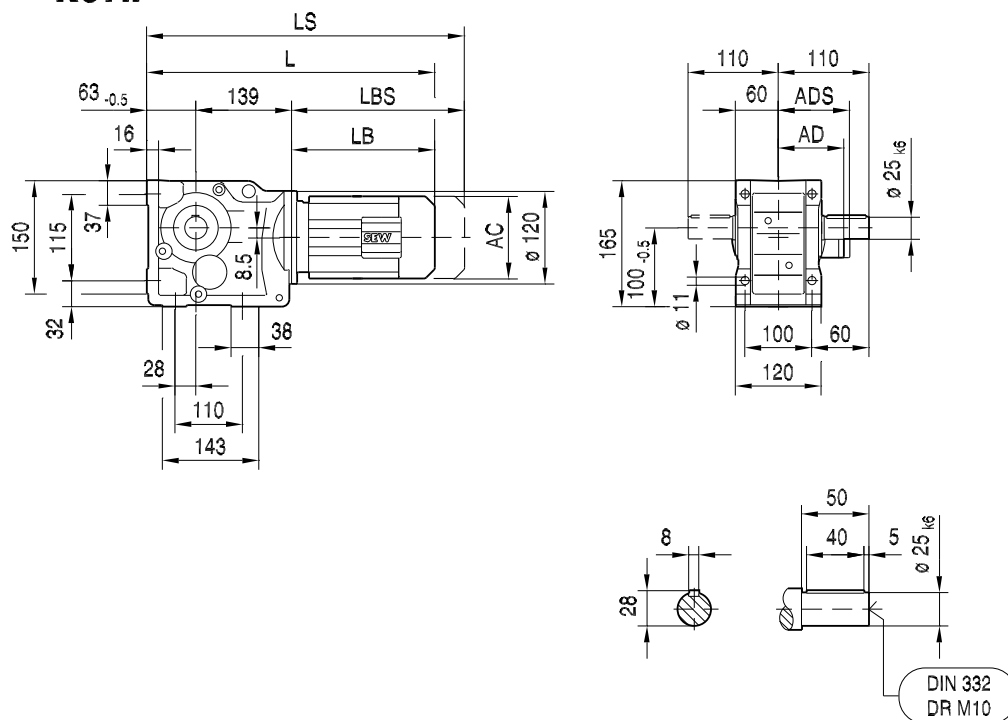
$M_{a \max}$ [Nm]	n_a [1/min]	i	$F_{Ra}^{1)}$ [N]					m [kg]	
50000	0.39	3609	189900	K	187 R97	DV	100L4	1780	417
	0.46	3062	189900	KH	187 R97	DV	100L4	1710	417
	0.56	2519	189900	K	187 R97	DV	112M4	1790	417
	0.63	2268	189900	KH	187 R97	DV	112M4	1720	417
	0.69	2054	189900						
	0.79	1821	189900	K	187 R97	DV	132S4	1790	417
	0.89	1605	189900	KH	187 R97	DV	132S4	1730	417
	1.0	1395	189900	K	187 R97	DV	132M4	1810	417
	1.2	1196	189900	KH	187 R97	DV	132M4	1750	417
	1.4	1046	189900	K	187 R97	DV	132ML4	1820	417
	1.5	945	189900	KH	187 R97	DV	132ML4	1760	417
	2.0	738	189900	K	187 R97	DV	160L4	1870	417
	2.4	621	189900	KH	187 R97	DV	160L4	1800	417
	2.8	527	189900	K	187 R97	DV	180M4	1890	417
				KH	187 R97	DV	180M4	1820	417
	1.7	835	189900	K	187 R107	DV	160M4	1870	417
				KH	187 R107	DV	160M4	1810	417
	2.0	729	189900	K	187 R107	DV	160L4	1920	417
	2.4	622	189900	KH	187 R107	DV	160L4	1850	417
	2.8	520	189900	K	187 R107	DV	180M4	1940	417
	3.2	454	189900	KH	187 R107	DV	180M4	1870	417
	4.1	355	189900	K	187 R107	DV	200L4	2030	417
				KH	187 R107	DV	200L4	1970	417
	5.6	261	189900	K	187 R107	DV	225S4	2080	417
				KH	187 R107	DV	225S4	2020	417
	6.6	221	189900	K	187 R107	DV	225M4	2110	417
	7.6	193	189900	KH	187 R107	DV	225M4	2040	417
	9.0	163	189900						



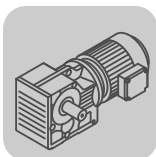
5.5 Dimension sheets [mm]

34 001 03 00

K37..



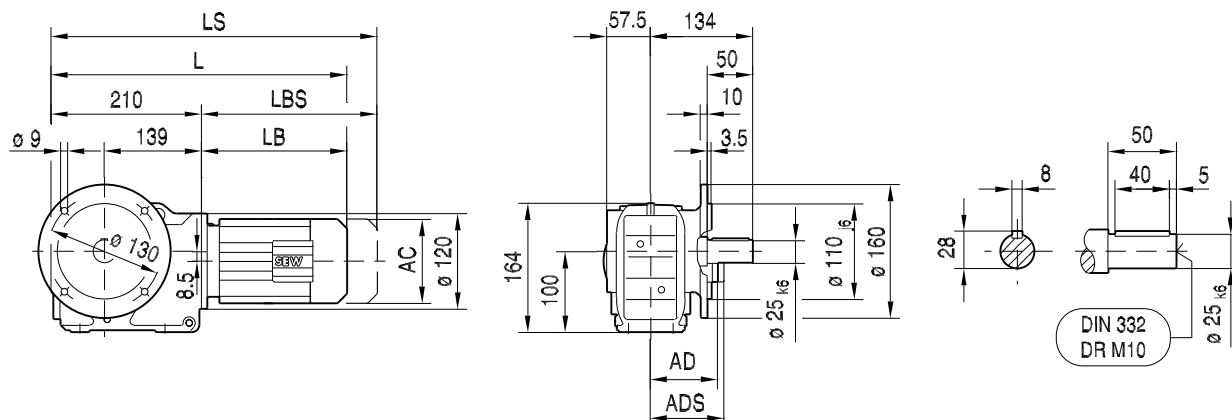
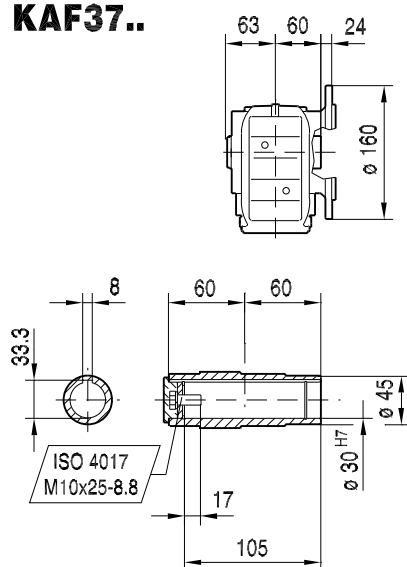
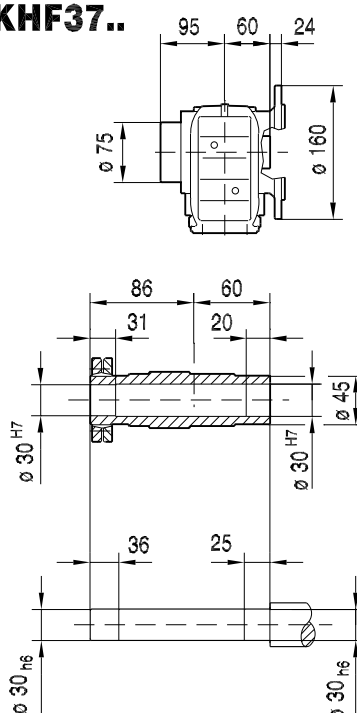
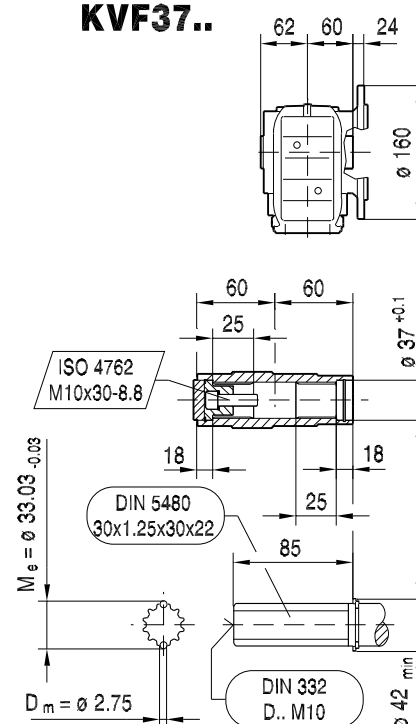
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	393	408	458	478	530	560					
LS	448	471	521	563	615	645					
LB	191	206	256	276	328	358					
LBS	246	269	319	361	413	443					



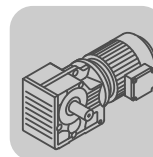
Helical-Bevel Gearmotors

Dimension sheets [mm]

34 013 03 00

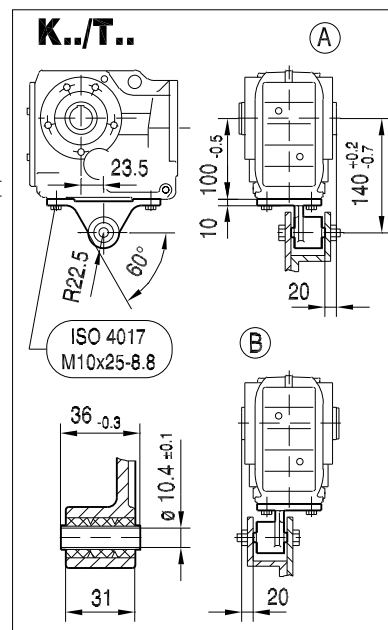
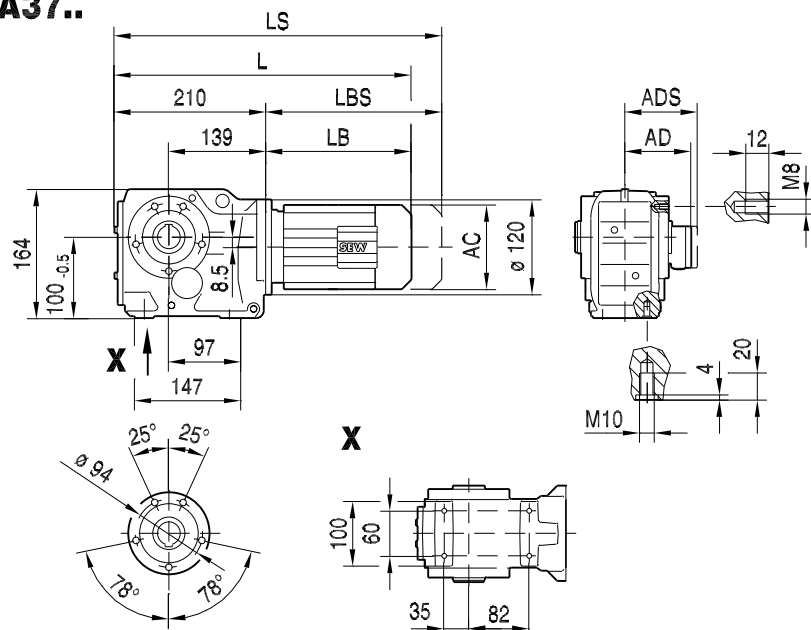
KF37..**KAF37..****KHF37..****KVF37..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	401	416	466	486	538	568					
LS	456	479	529	571	623	653					
LB	191	206	256	276	328	358					
LBS	246	269	319	361	413	443					

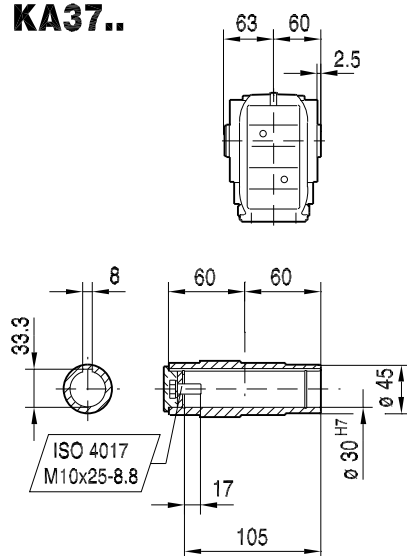


39 001 04 00

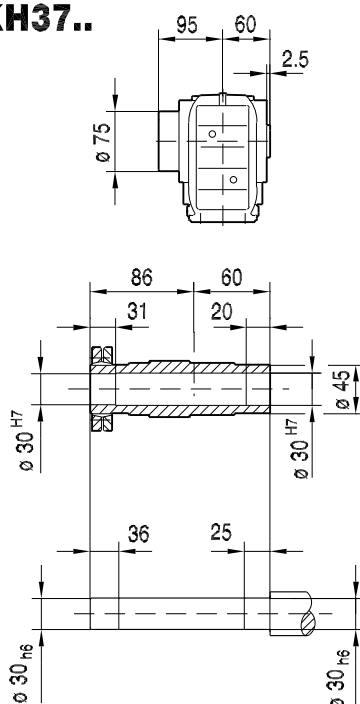
KA37..



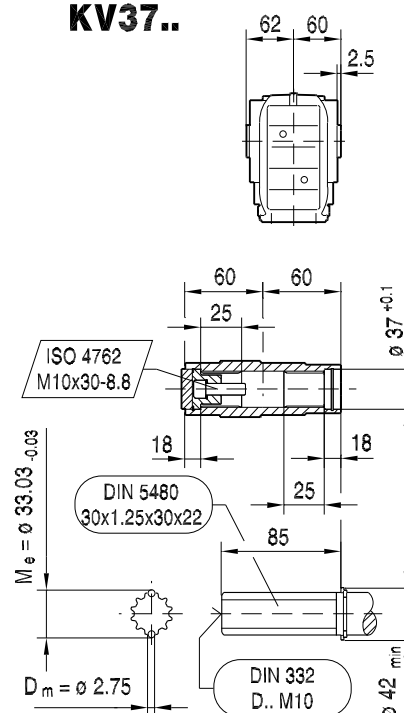
KA37..



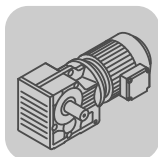
KH37..



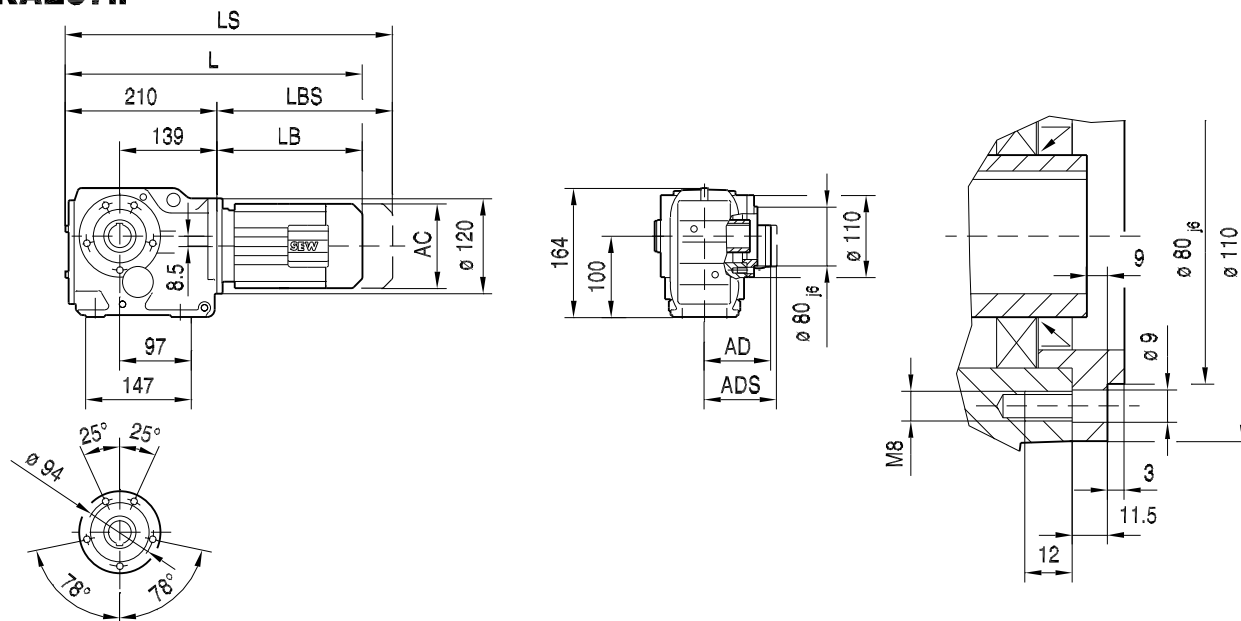
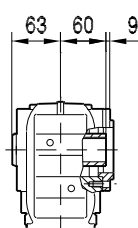
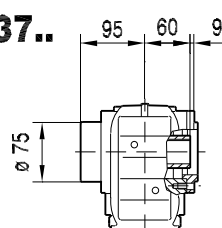
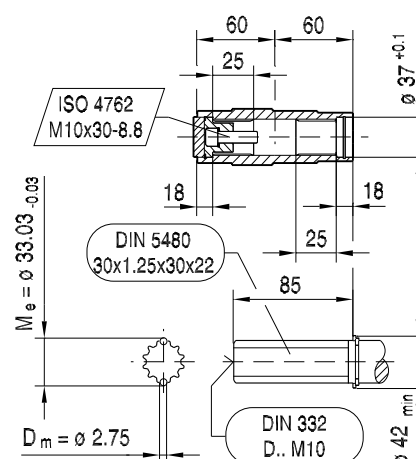
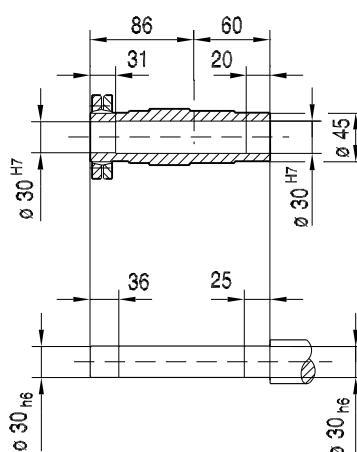
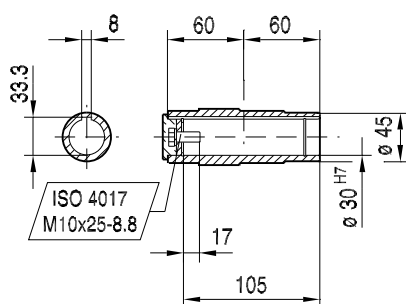
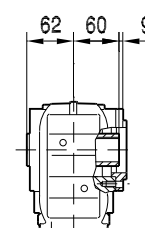
KV37..



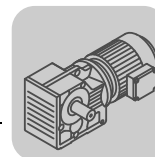
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	401	416	466	486	538	568				
LS	456	479	529	571	623	653				
LB	191	206	256	276	328	358				
LBS	246	269	319	361	413	443				



39 011 03 00

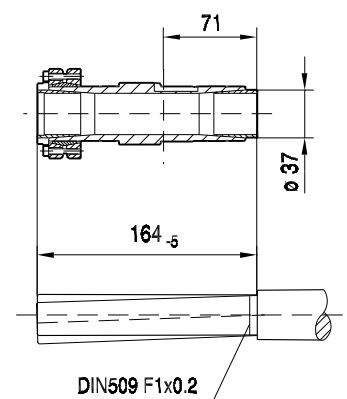
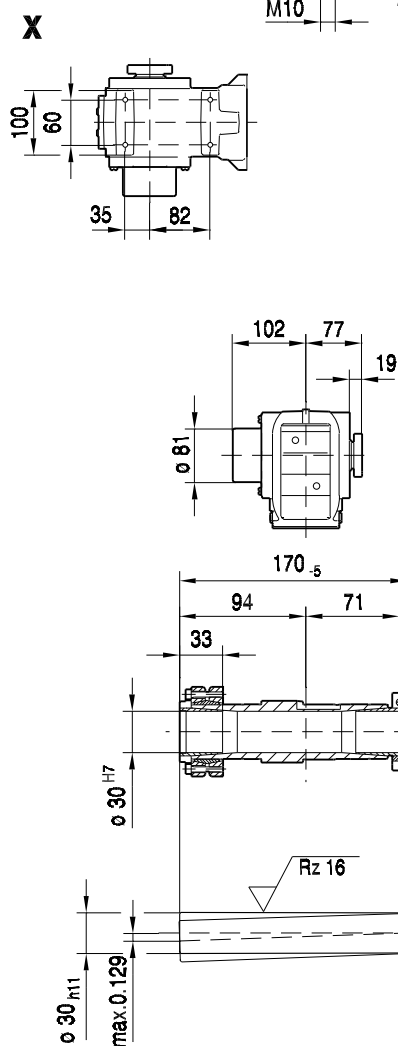
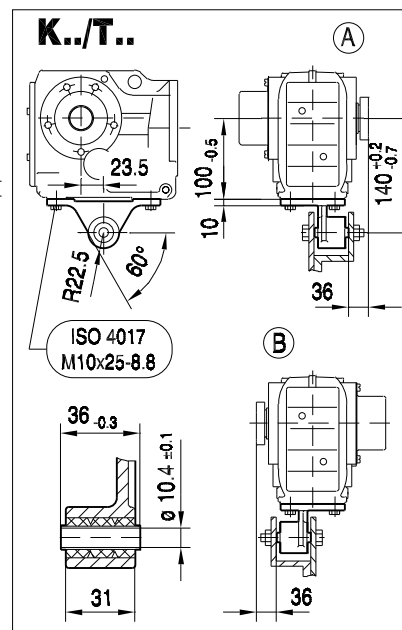
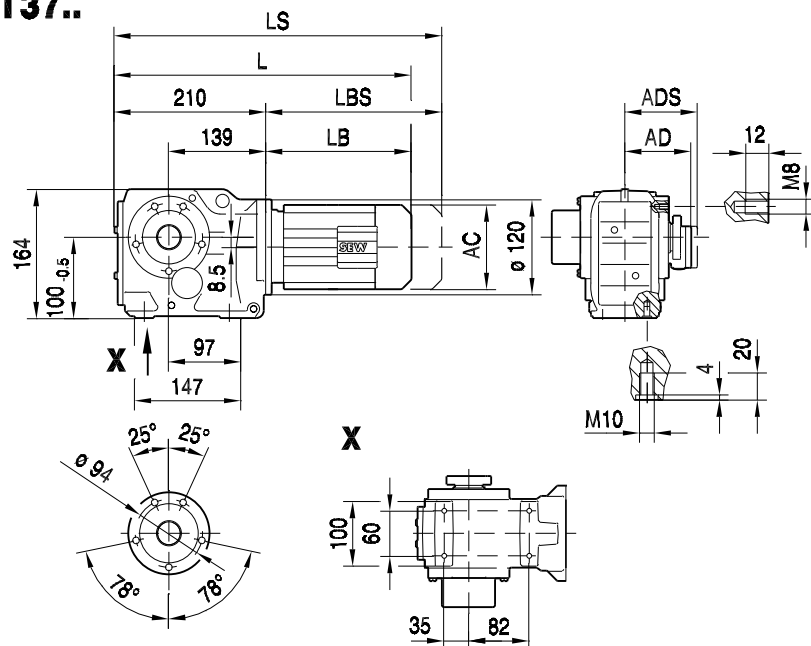
KAZ37..**KAZ37..****KHZ37..****KVZ37..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	401	416	466	486	538	568					
LS	456	479	529	571	623	653					
LB	191	206	256	276	328	358					
LBS	246	269	319	361	413	443					

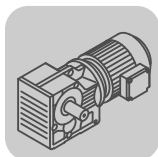


39 006 01 03

KT37..



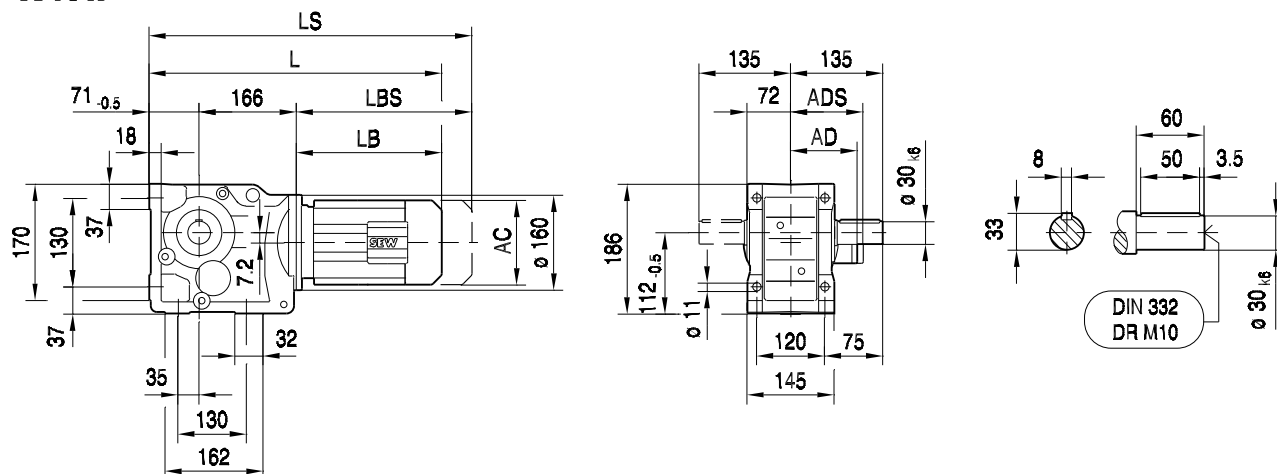
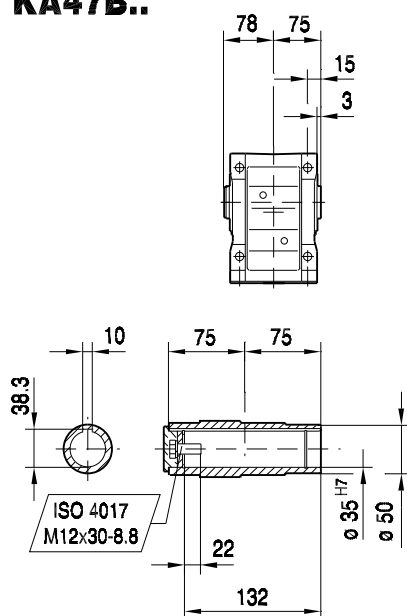
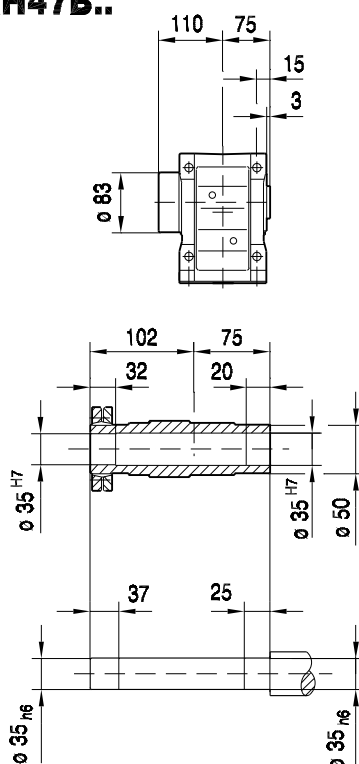
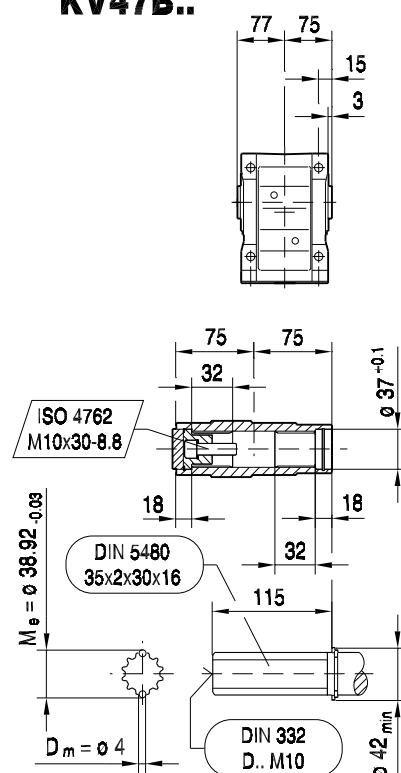
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	401	416	466	486	538	568					
LS	456	479	529	571	623	653					
LB	191	206	256	276	328	358					
LBS	246	269	319	361	413	443					



Helical-Bevel Gearmotors

Dimension sheets [mm]

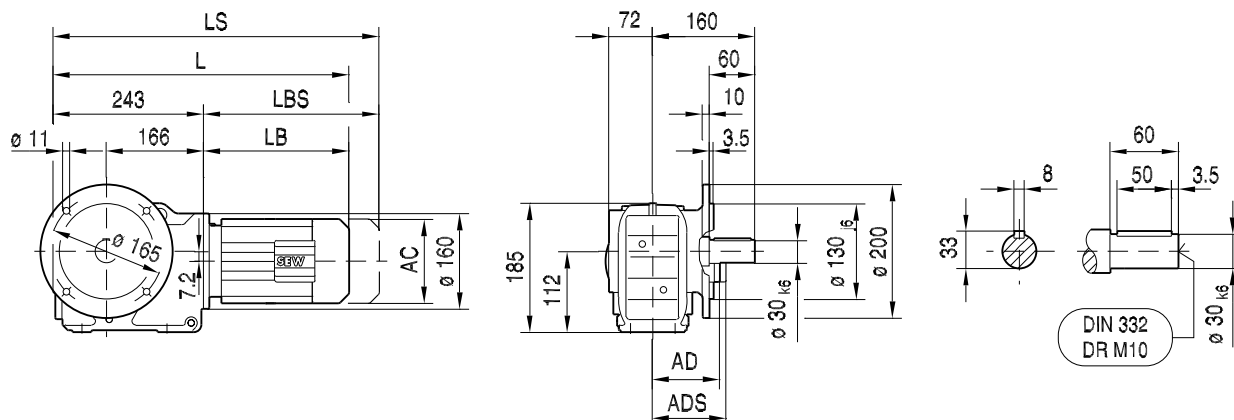
34 002 02 00

K47..**KA47B..****KH47B..****KV47B..**

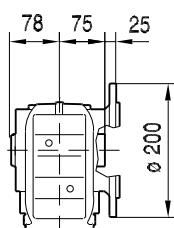
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L				
AC	132	145	145	197	197	197				
AD	105	122	122	154	166	166				
ADS	105	127	127	161	166	166				
L	422	436	486	506	556	586				
LS	477	500	550	591	641	671				
LB	185	199	249	269	319	349				
LBS	240	263	313	354	404	434				

KF47..

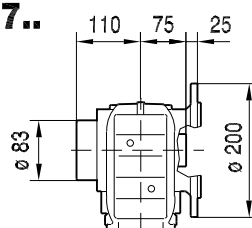
34 014 02 00



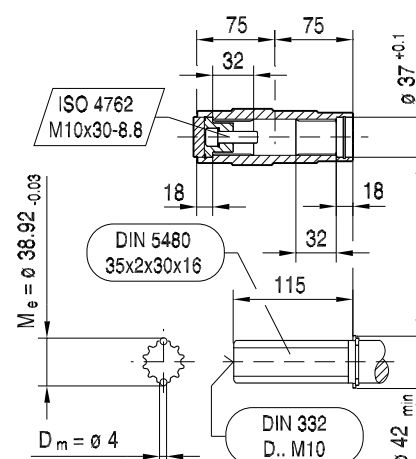
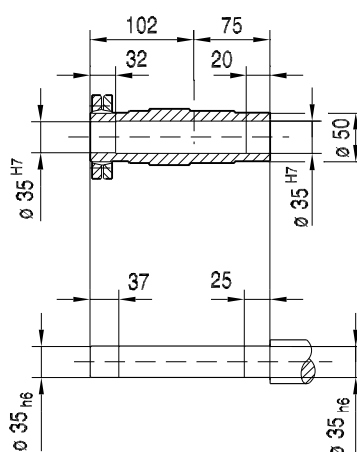
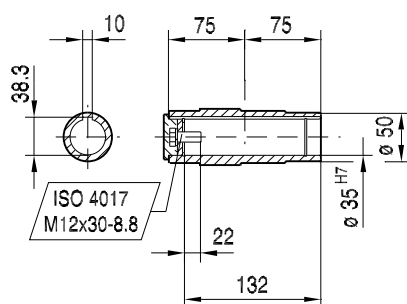
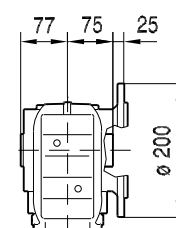
KAF47..



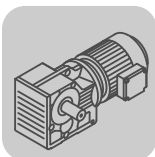
KHF47..



KVF47..



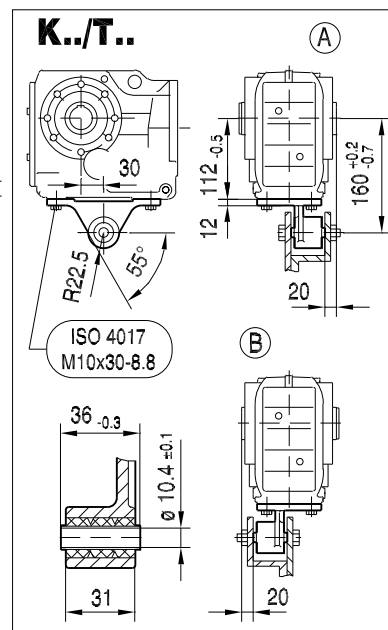
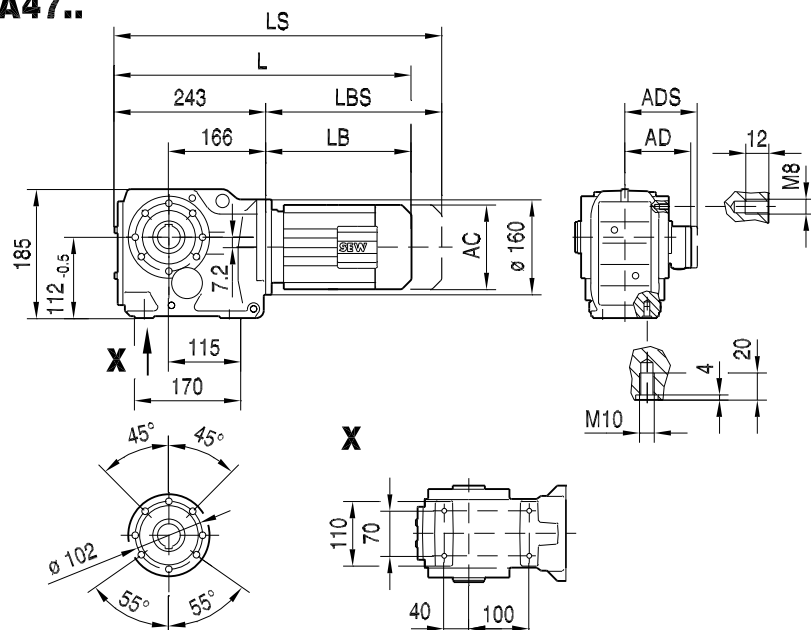
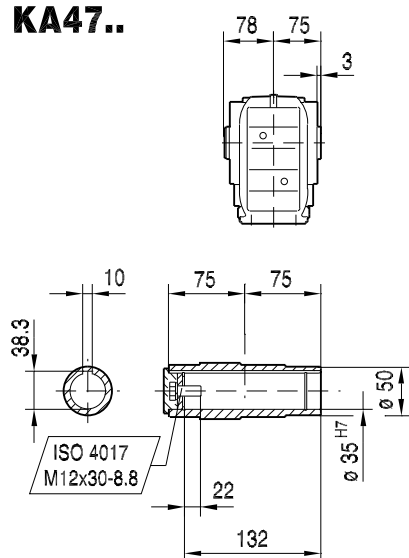
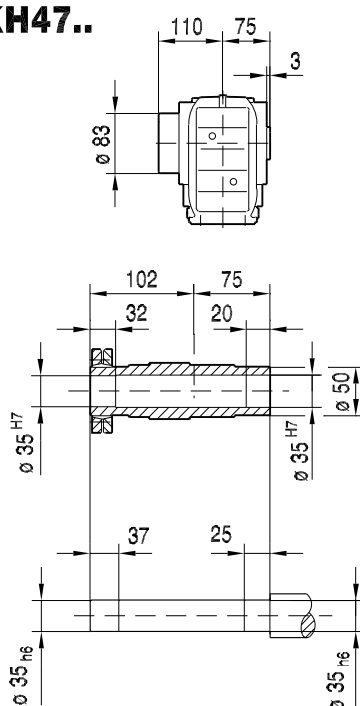
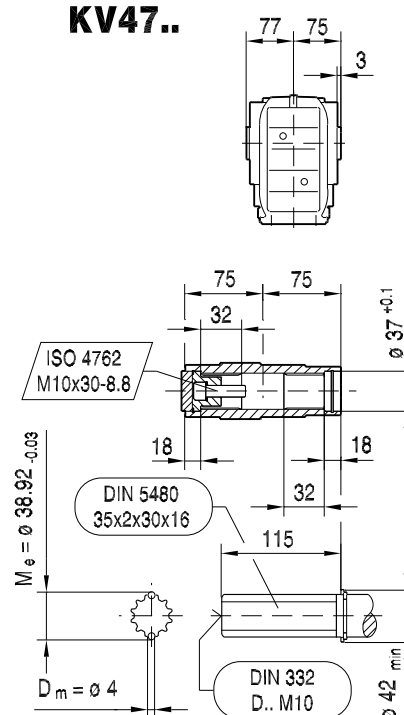
(→  14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	428	442	492	512	562	592					
LS	483	506	556	597	647	677					
LB	185	199	249	269	319	349					
LBS	240	263	313	354	404	434					



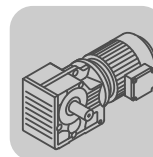
Helical-Bevel Gearmotors

Dimension sheets [mm]

39 002 03 00

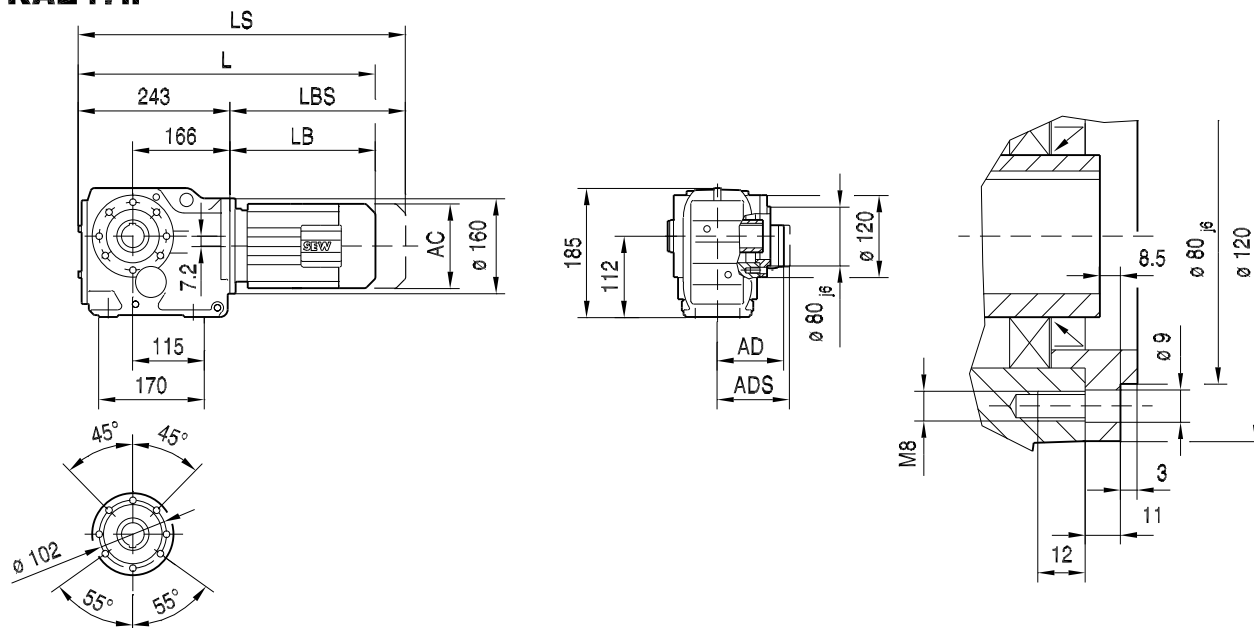
KA47..**KA47..****KH47..****KV47..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	428	442	492	512	562	592					
LS	483	506	556	597	647	677					
LB	185	199	249	269	319	349					
LBS	240	263	313	354	404	434					

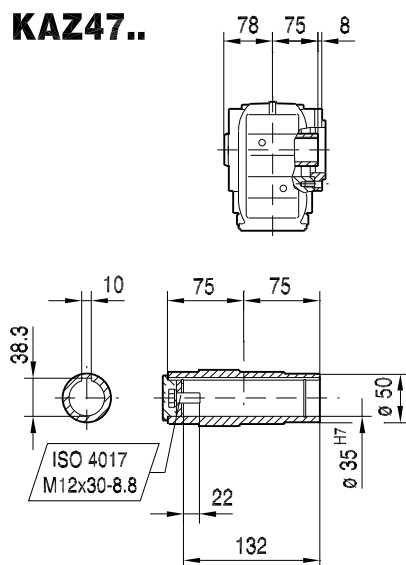


39 012 02 00

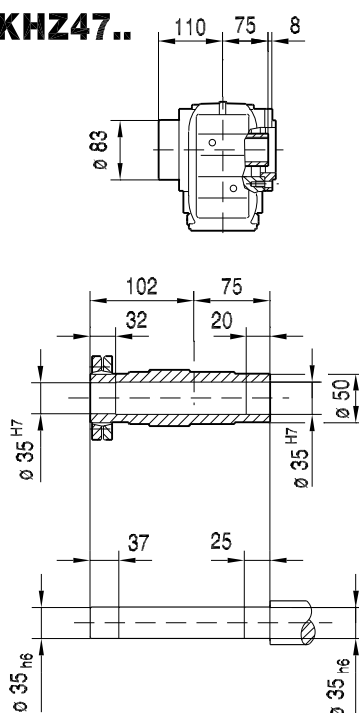
KAZ47..



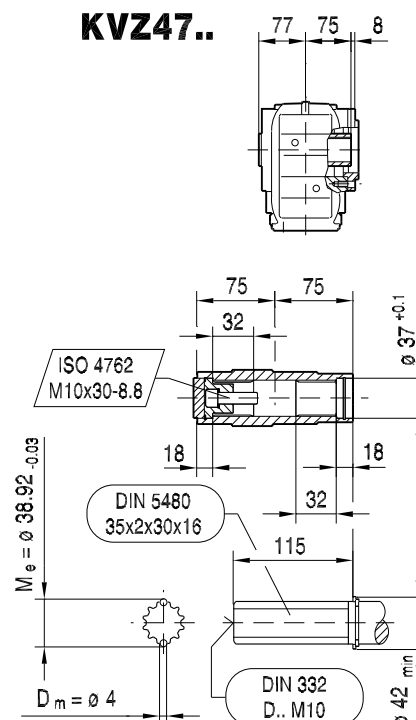
KAZ47..



KHZ47..



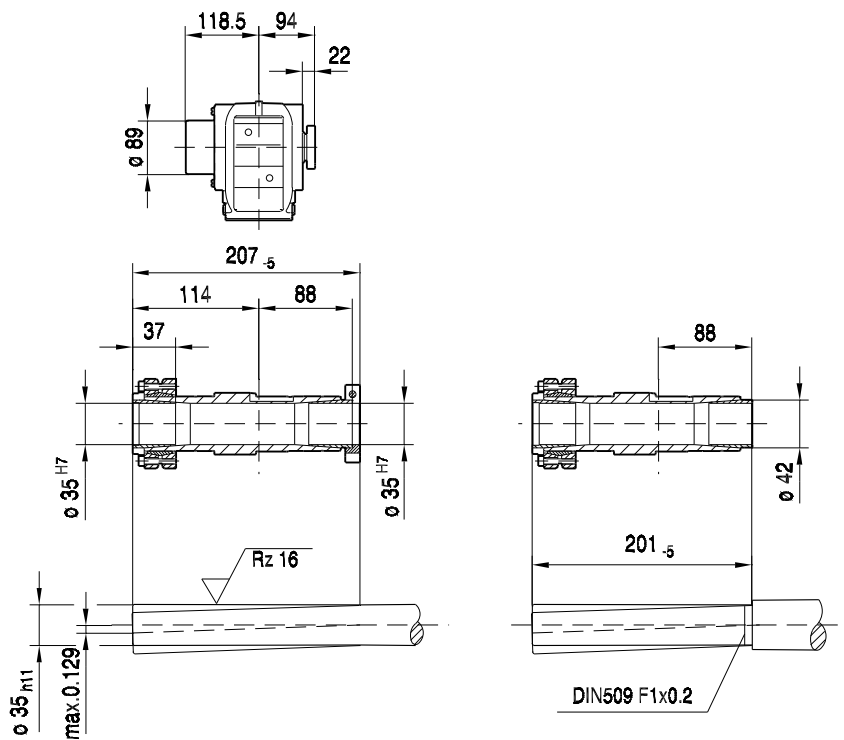
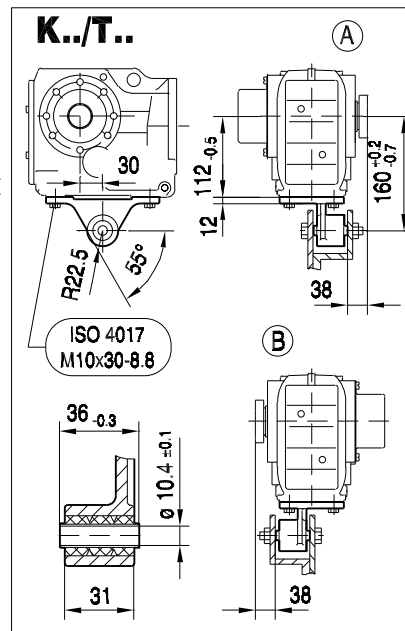
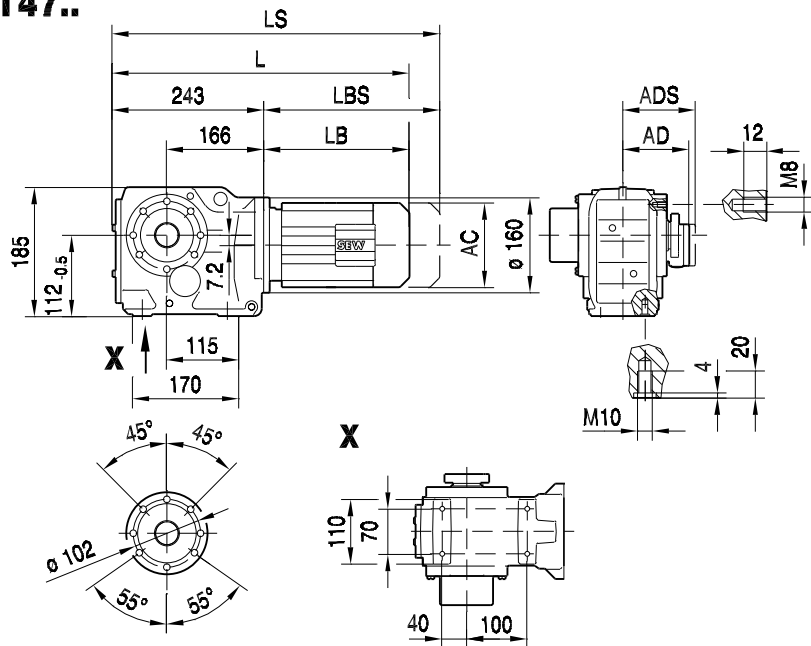
KVZ47..



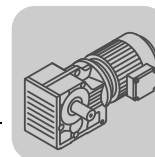
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	428	442	492	512	562	592					
LS	483	506	556	597	647	677					
LB	185	199	249	269	319	349					
LBS	240	263	313	354	404	434					

39 007 01 03

KT47..

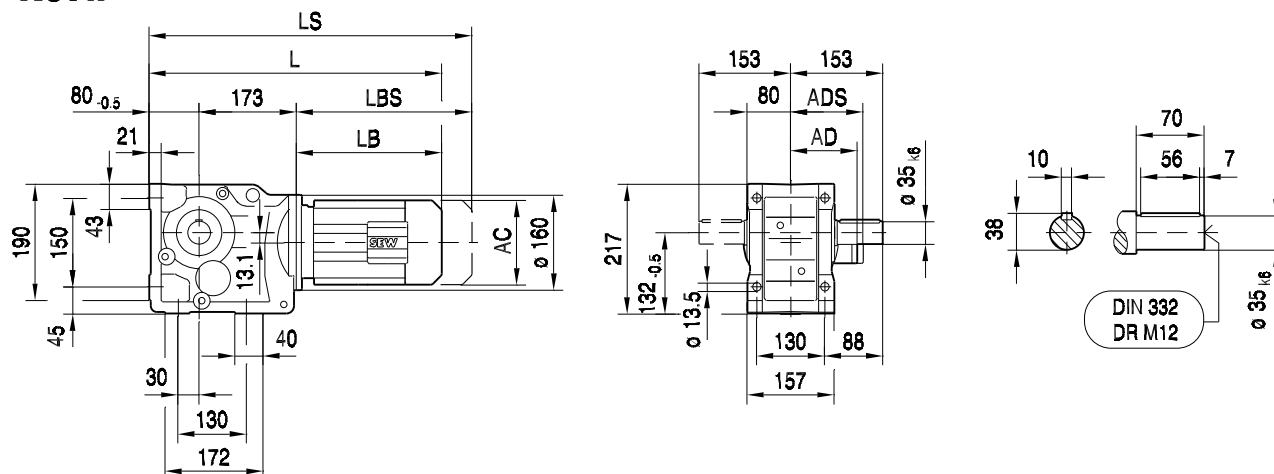


(→  14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
ADS	105	127	127	161	166	166					
L	428	442	492	512	562	592					
LS	483	506	556	597	647	677					
LB	185	199	249	269	319	349					
LBS	240	263	313	354	404	434					



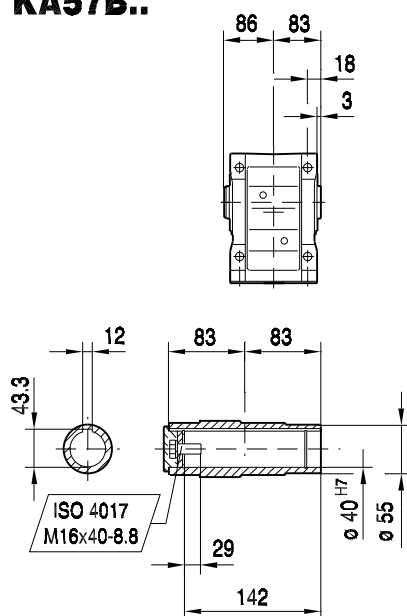
34 003 02 00

K57..

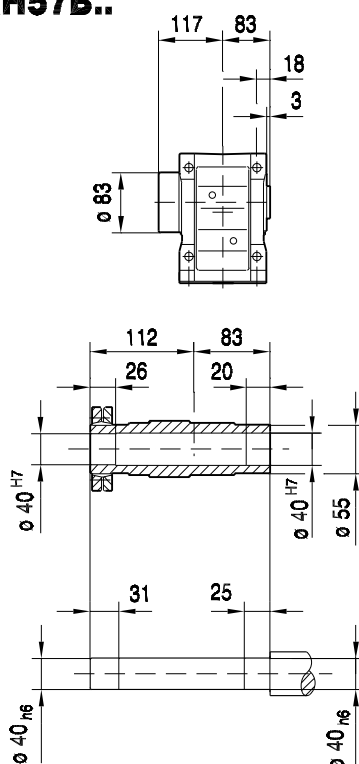


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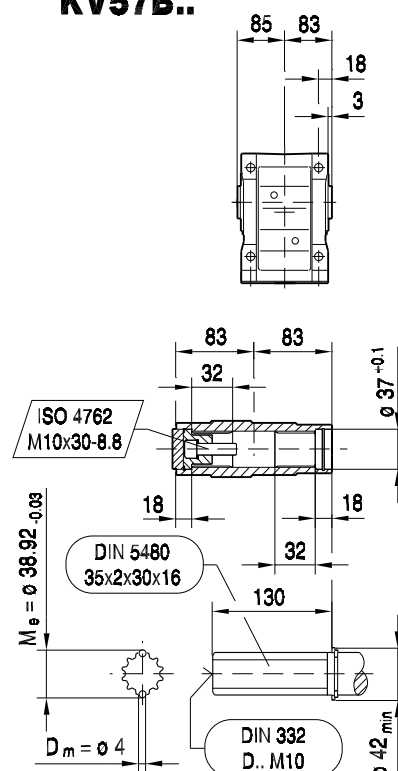
KA57B..



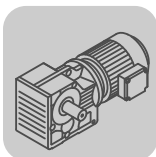
KH57B..



KV57B..



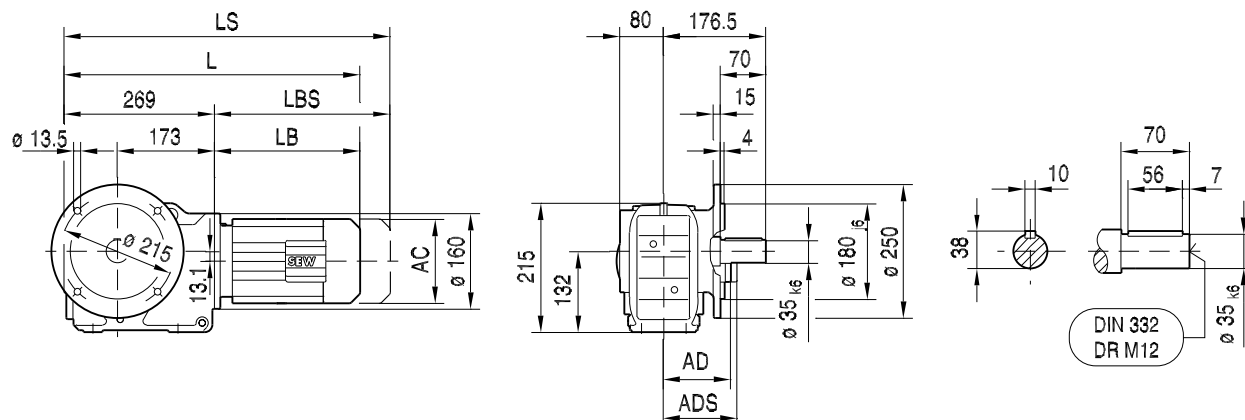
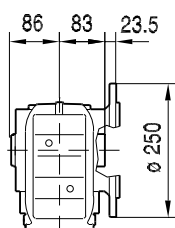
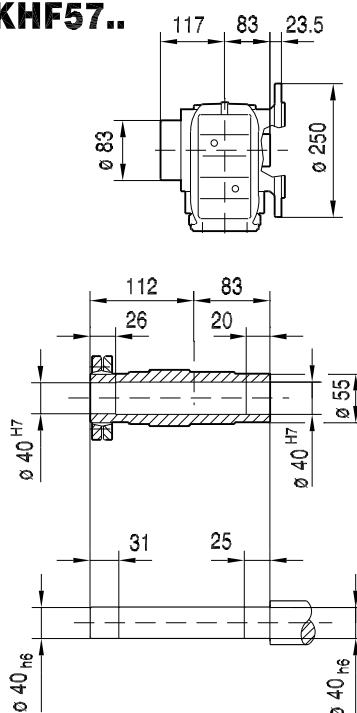
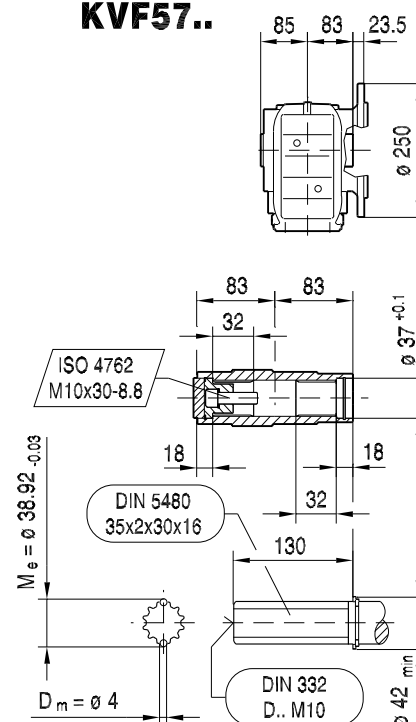
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M			
AC	132	145	145	197	197	197	221			
AD	105	122	122	154	166	166	179			
ADS	105	127	127	161	166	166	182			
L	438	452	502	522	572	602	607			
LS	493	516	566	607	657	687	687			
LB	185	199	249	269	319	349	354			
LBS	240	263	313	354	404	434	434			



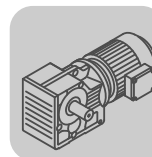
Helical-Bevel Gearmotors

Dimension sheets [mm]

34 015 02 00

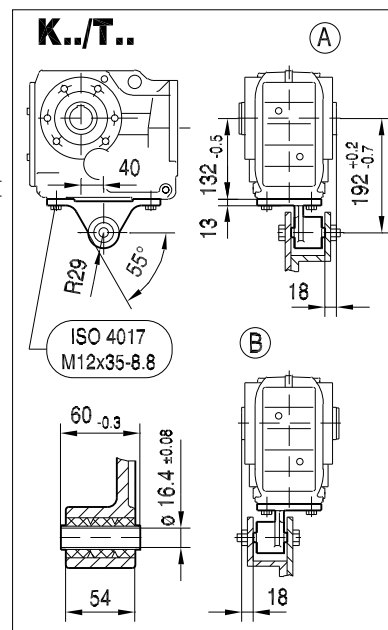
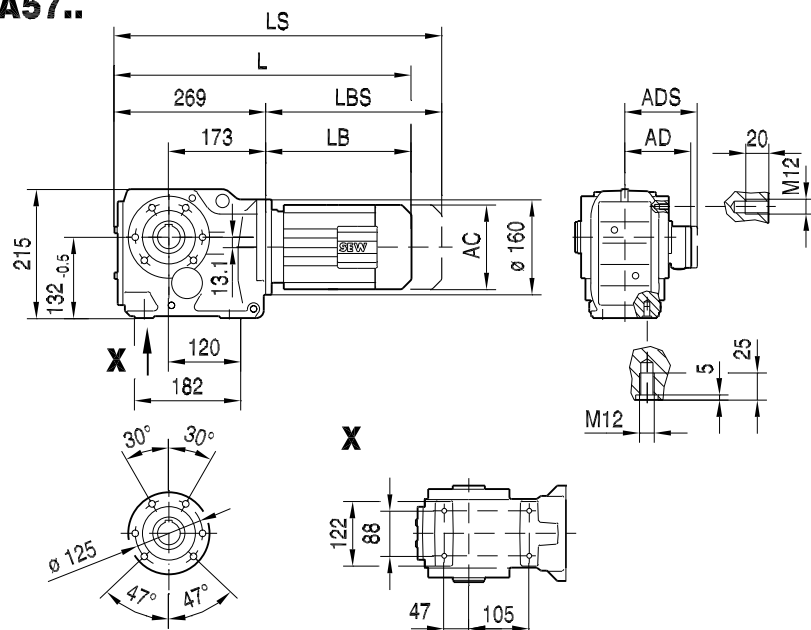
KF57..**KAF57..****KHF57..****KVF57..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M			
AC	132	145	145	197	197	197	221			
AD	105	122	122	154	166	166	179			
ADS	105	127	127	161	166	166	182			
L	454	468	518	538	588	618	623			
LS	509	532	582	623	673	703	703			
LB	185	199	249	269	319	349	354			
LBS	240	263	313	354	404	434	434			

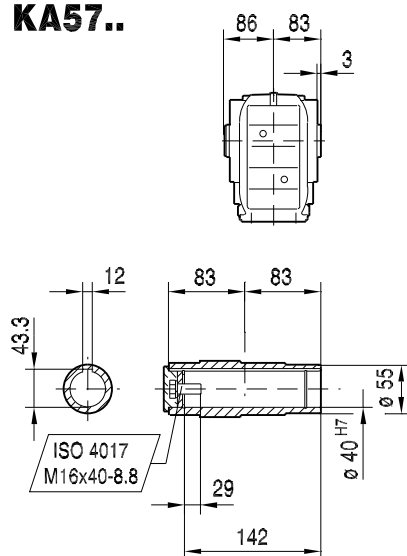


39 003 03 00

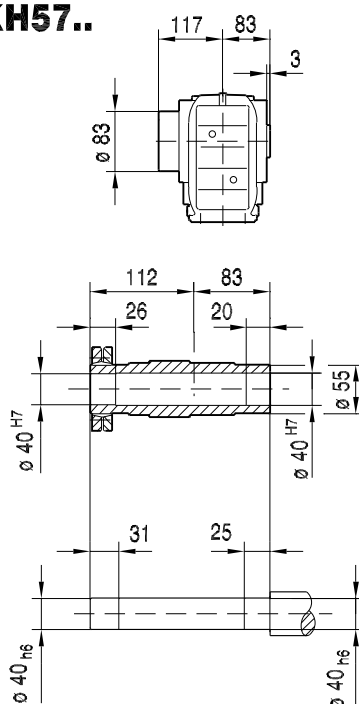
KA57..



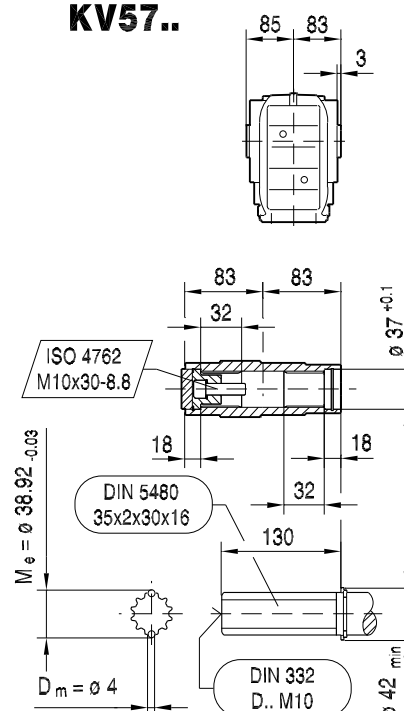
KA57..



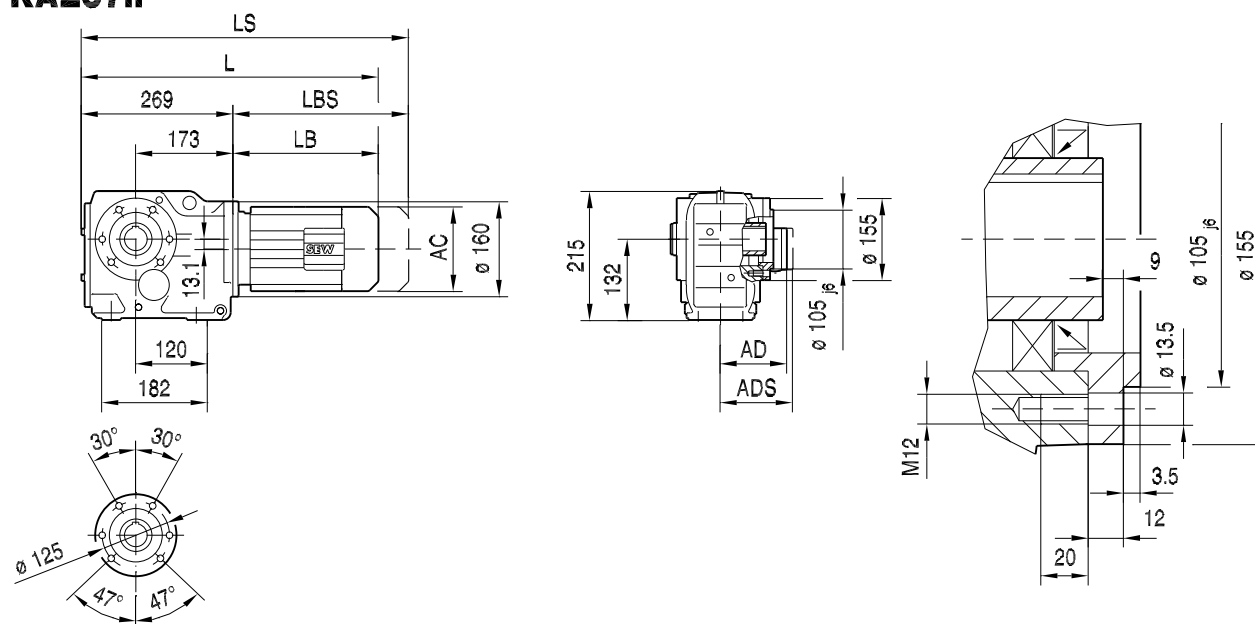
KH57..



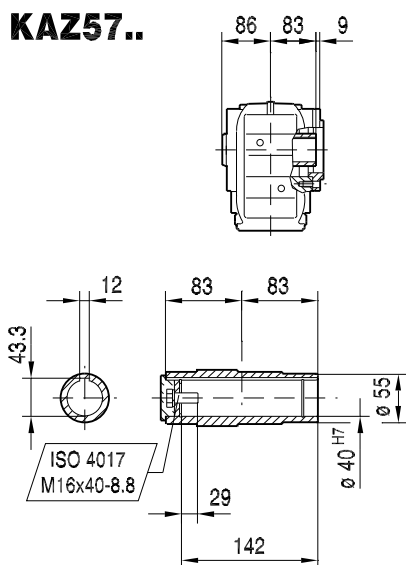
KV57..



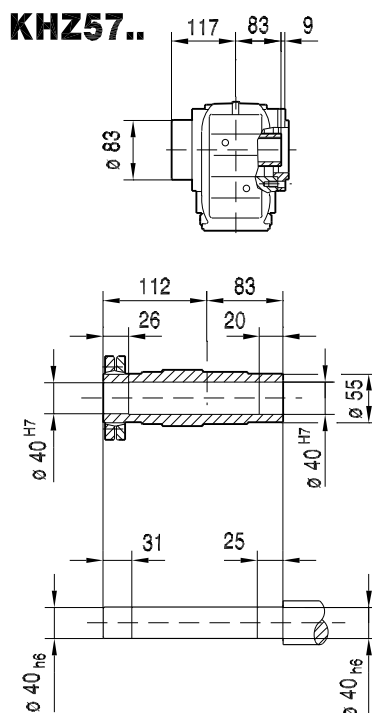
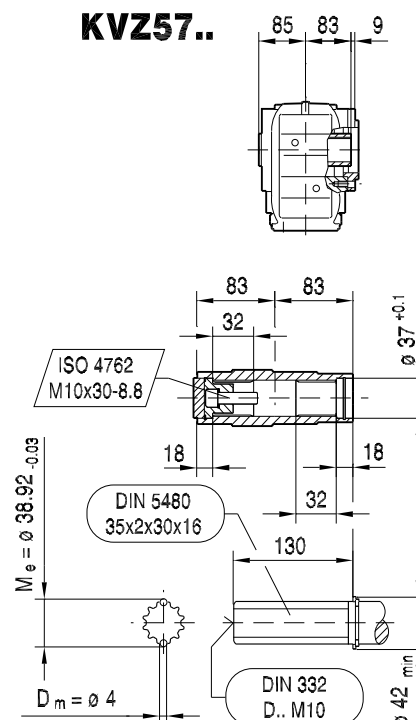
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M			
AC	132	145	145	197	197	197	221			
AD	105	122	122	154	166	166	179			
ADS	105	127	127	161	166	166	182			
L	454	468	518	538	588	618	623			
LS	509	532	582	623	673	703	703			
LB	185	199	249	269	319	349	354			
LBS	240	263	313	354	404	434	434			

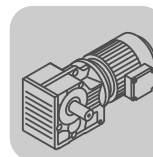


KAZ57..



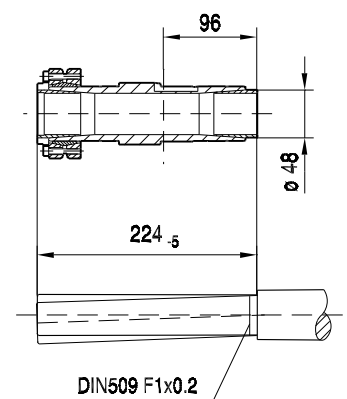
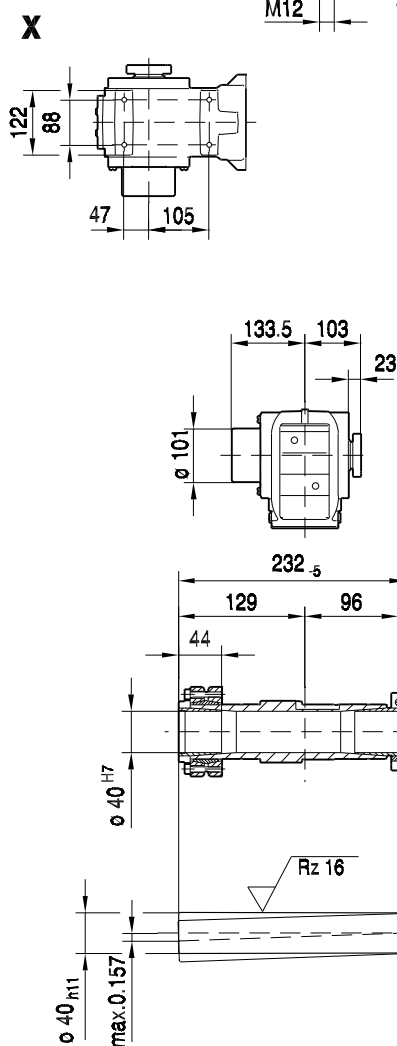
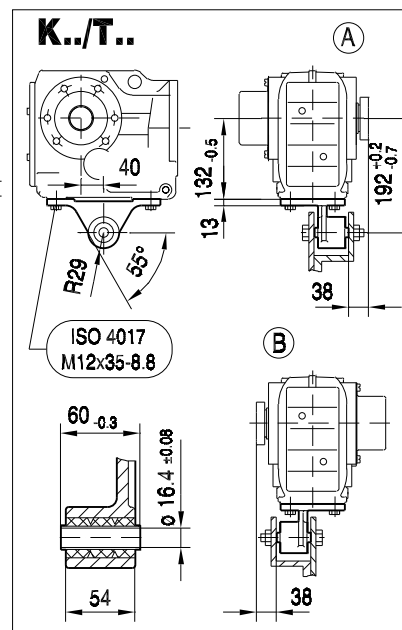
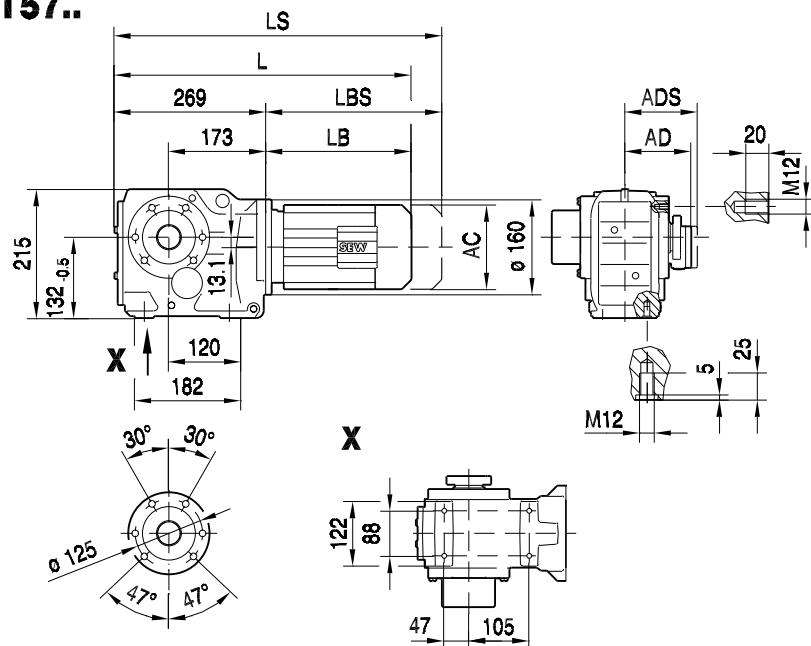
KHZ57..

**KVZ57..**376

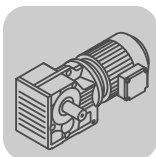


39 008 01 03

KT57..



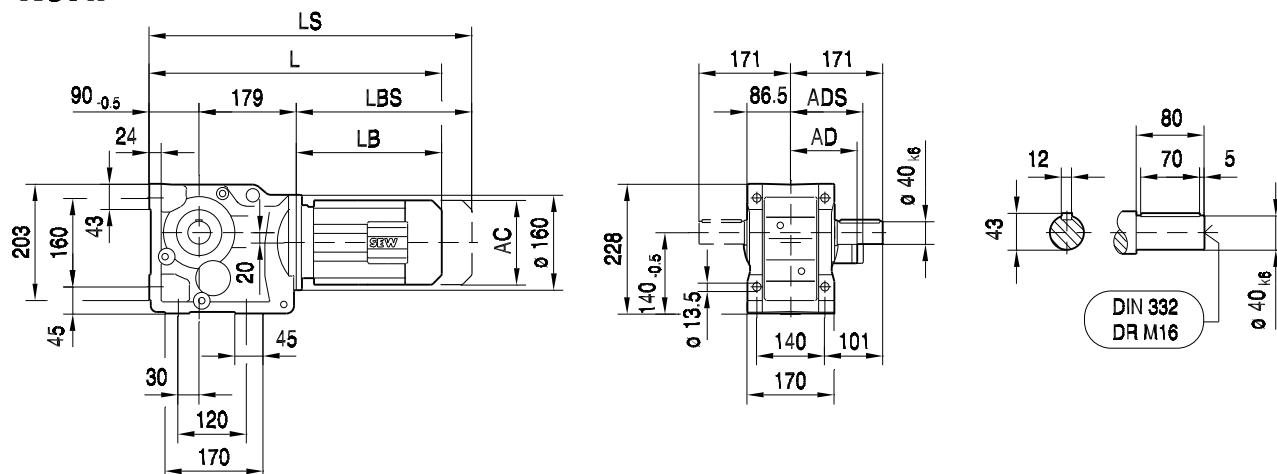
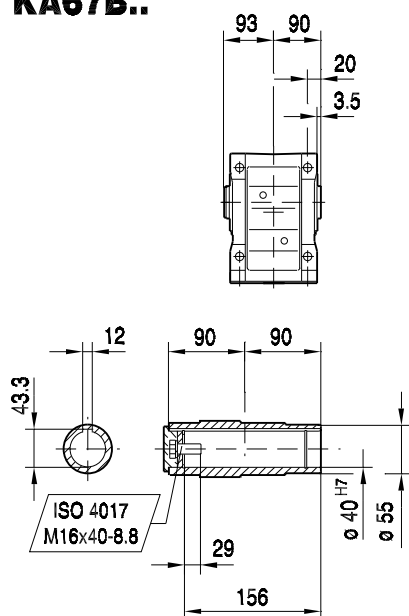
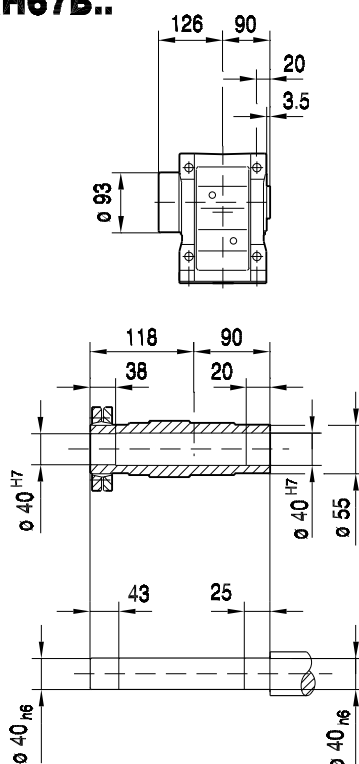
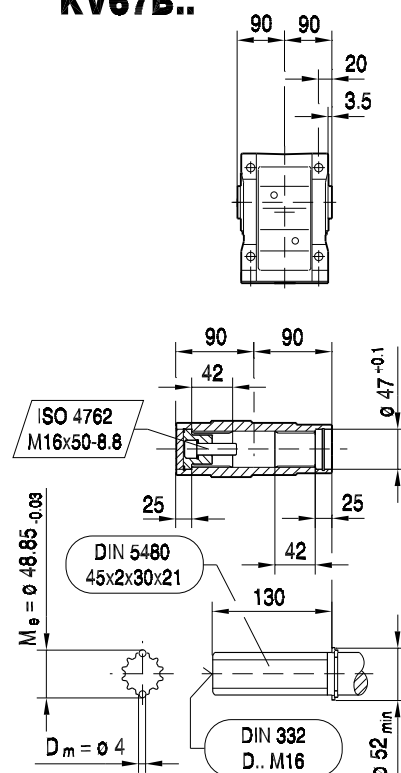
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M			
AC	132	145	145	197	197	197	221			
AD	105	122	122	154	166	166	179			
ADS	105	127	127	161	166	166	182			
L	454	468	518	538	588	618	623			
LS	509	532	582	623	673	703	703			
LB	185	199	249	269	319	349	354			
LBS	240	263	313	354	404	434	434			



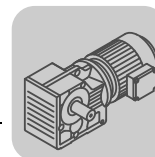
Helical-Bevel Gearmotors

Dimension sheets [mm]

34 004 03 00

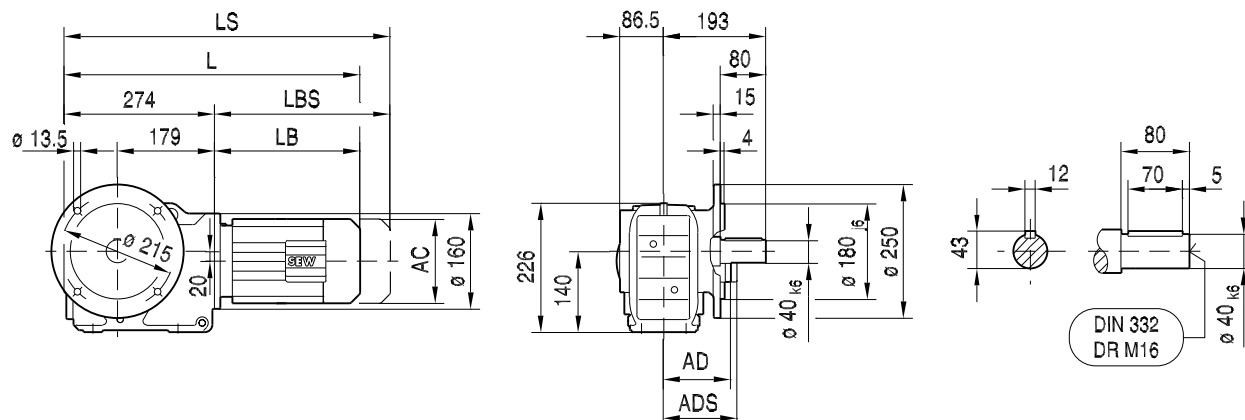
K67..**KA67B..****KH67B..****KV67B..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	454	468	518	538	588	618	623	671			
LS	509	532	582	623	673	703	703	751			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			



KF67..

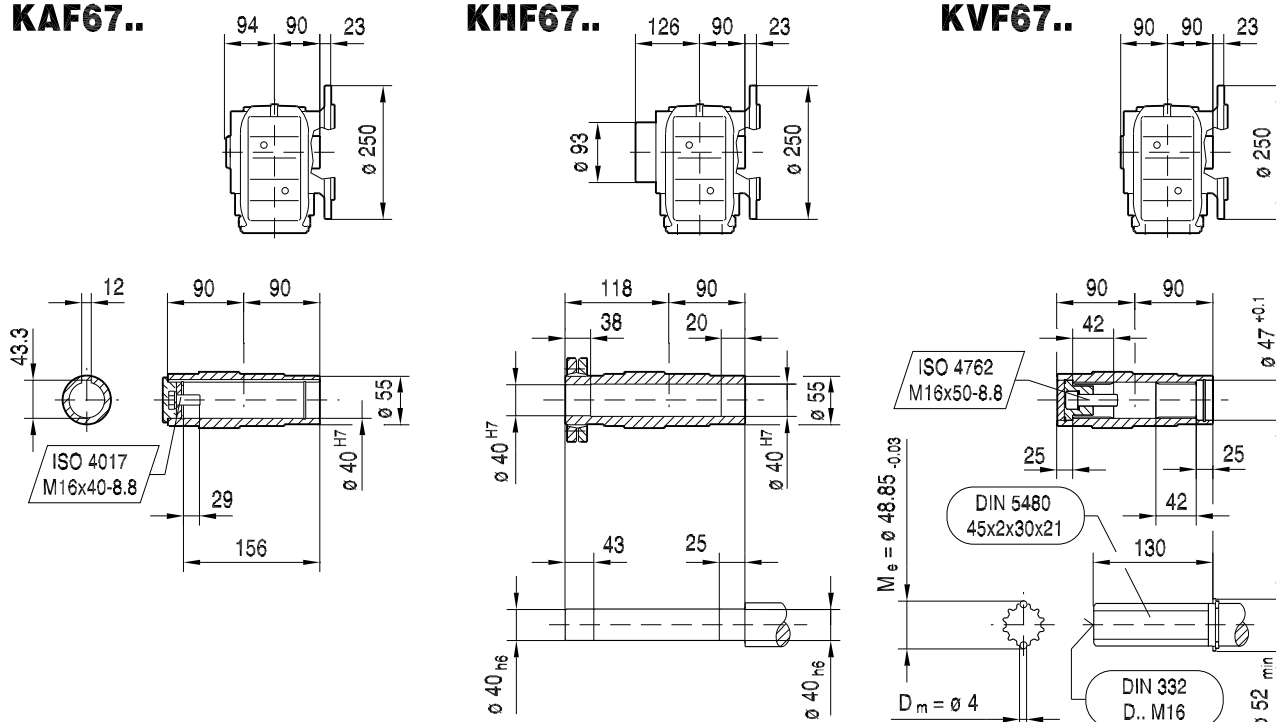
34 016 03 00



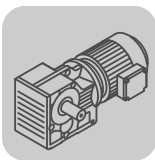
KAF67..

KHF67..

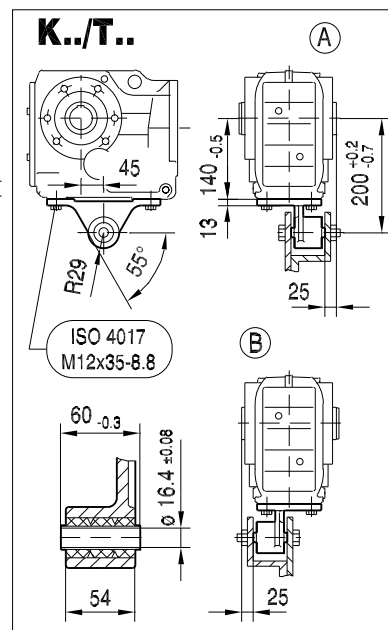
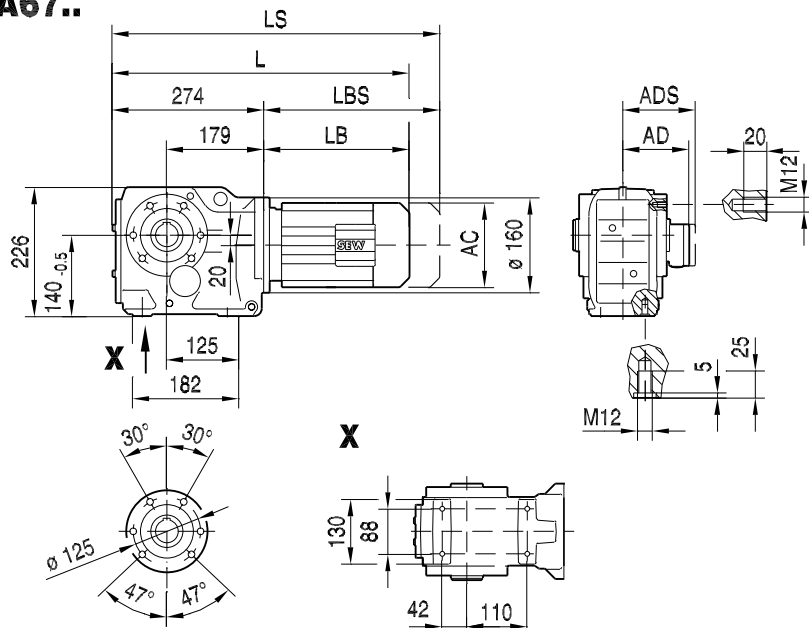
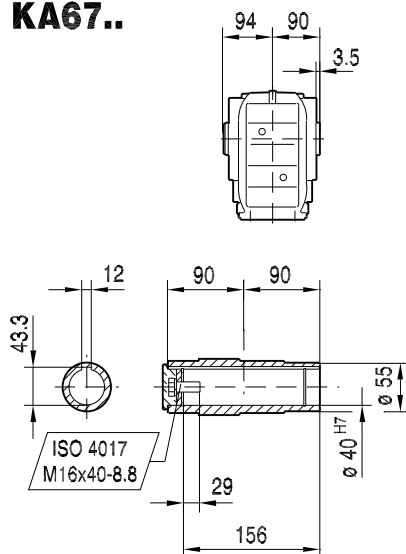
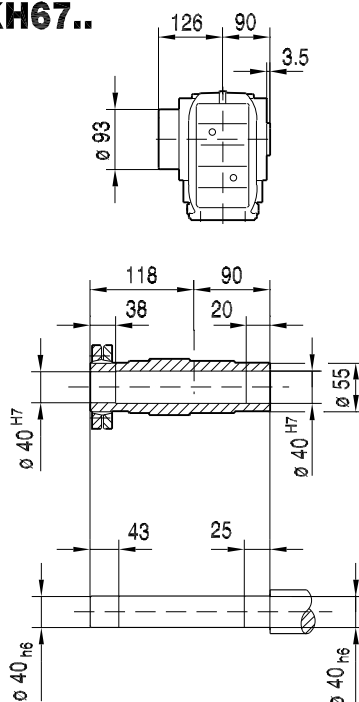
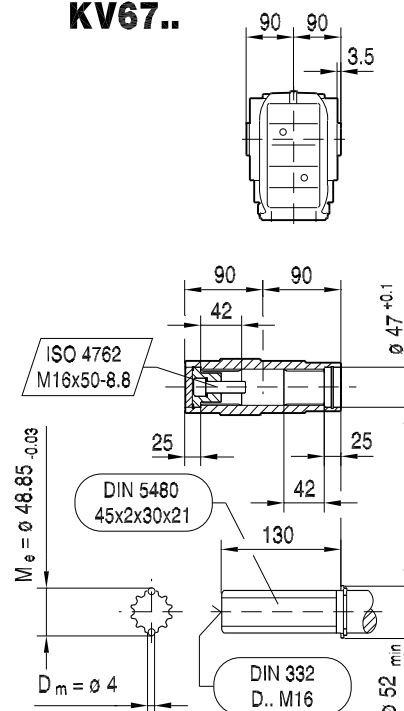
KVF67..



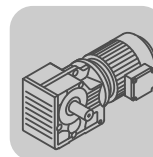
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	459	473	523	543	593	623	628	676			
LS	514	537	587	628	678	708	708	756			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			



39 004 04 00

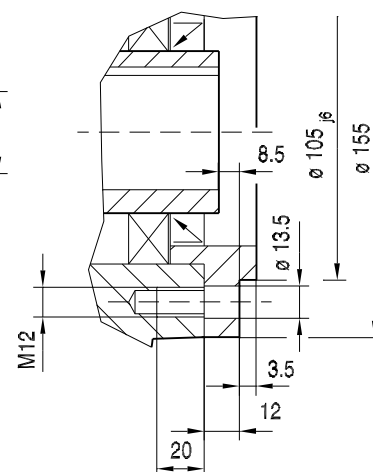
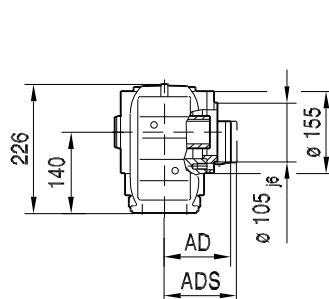
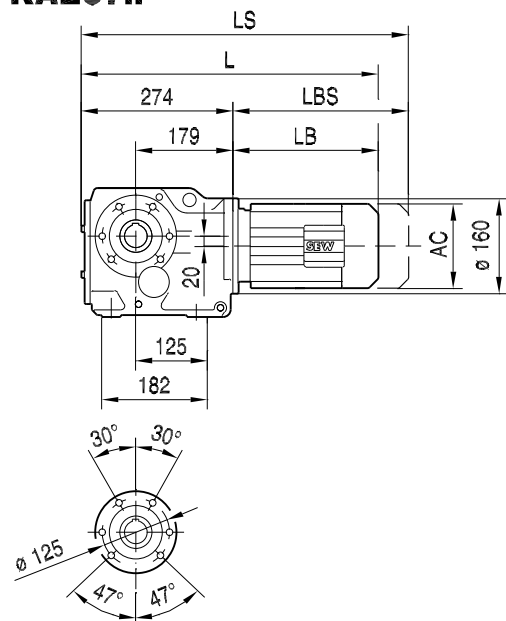
KA67..**KA67..****KH67..****KV67..**

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	459	473	523	543	593	623	628	676			
LS	514	537	587	628	678	708	708	756			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			

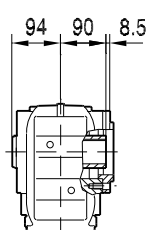


39 014 03 00

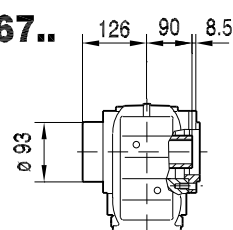
KAZ67..



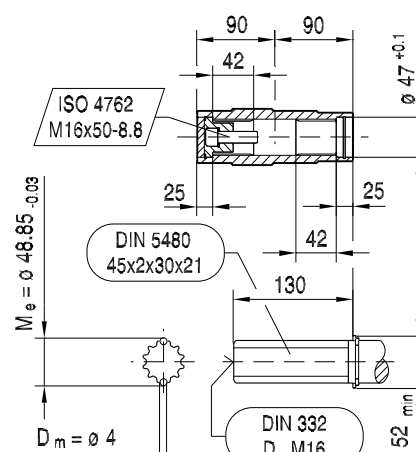
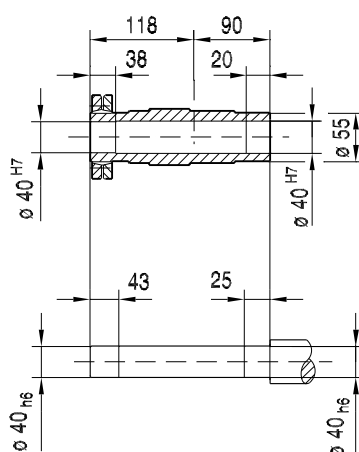
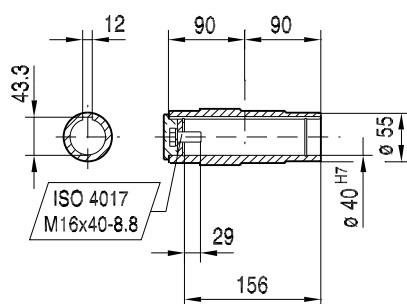
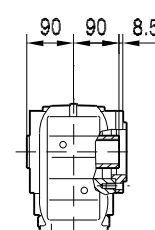
KAZ67..



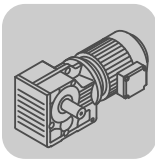
KHZ67..



KVZ67..



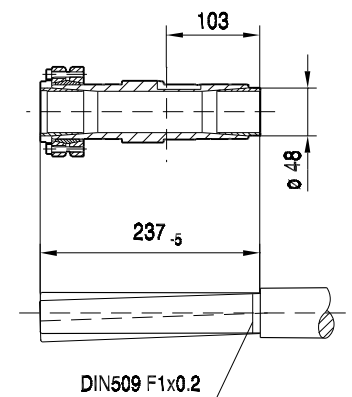
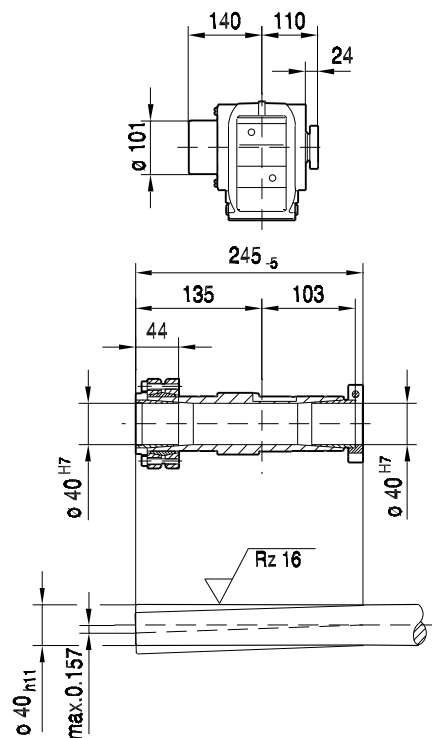
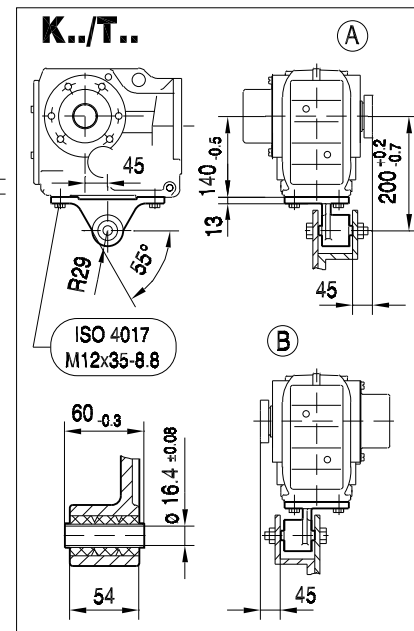
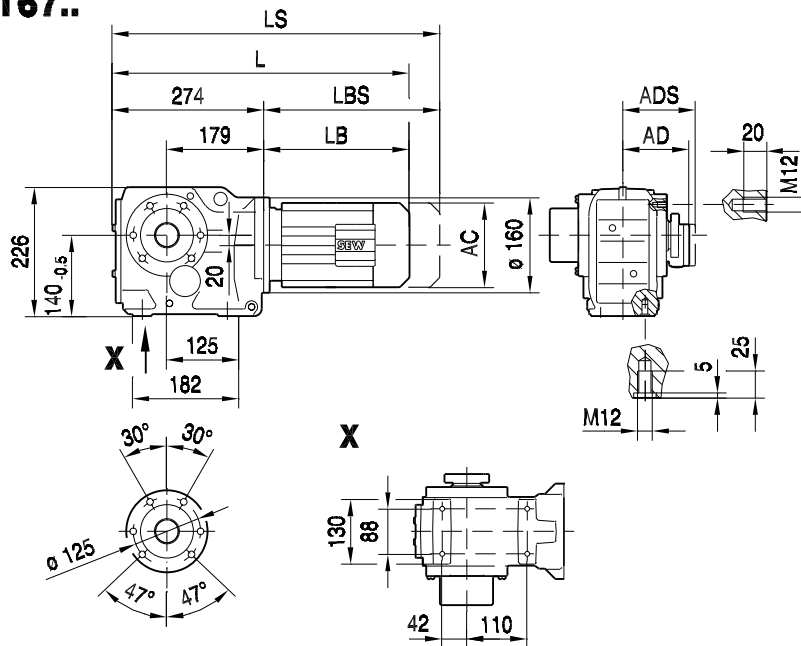
(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	459	473	523	543	593	623	628	676			
LS	514	537	587	628	678	708	708	756			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			



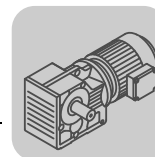
Helical-Bevel Gearmotors

Dimension sheets [mm]

39 009 01 03

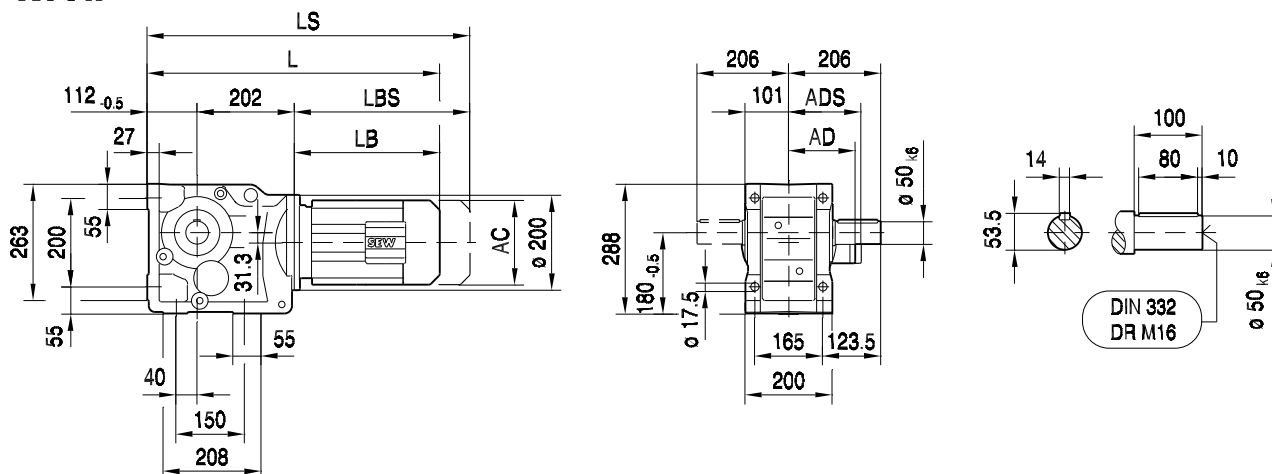
KT67..

(→ 14)	DR63..	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
ADS	105	127	127	161	166	166	182	182			
L	459	473	523	543	593	623	628	676			
LS	514	537	587	628	678	708	708	756			
LB	185	199	249	269	319	349	354	402			
LBS	240	263	313	354	404	434	434	482			



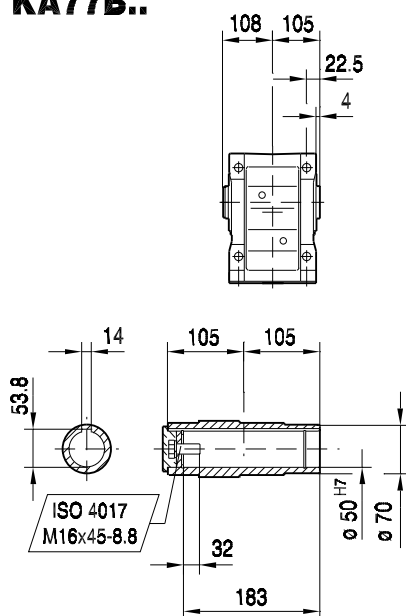
34 005 03 00

K77..

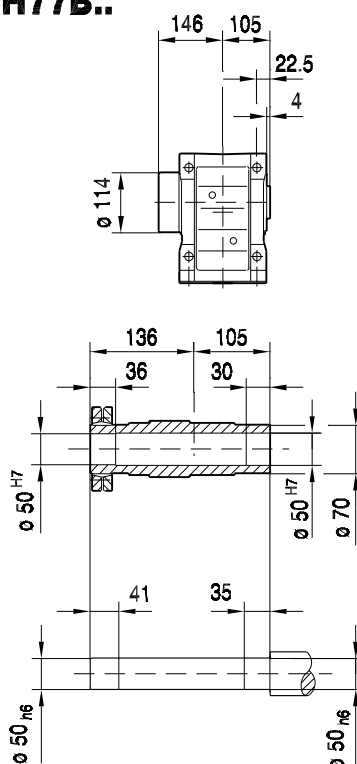


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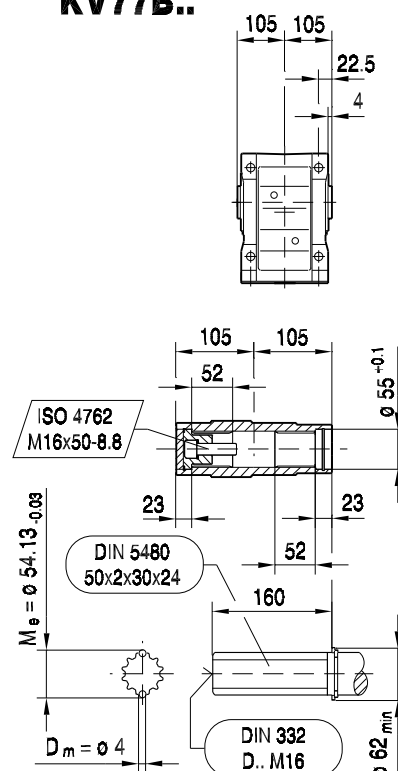
KA77B..



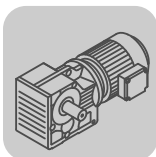
KH77B..



KV77B..



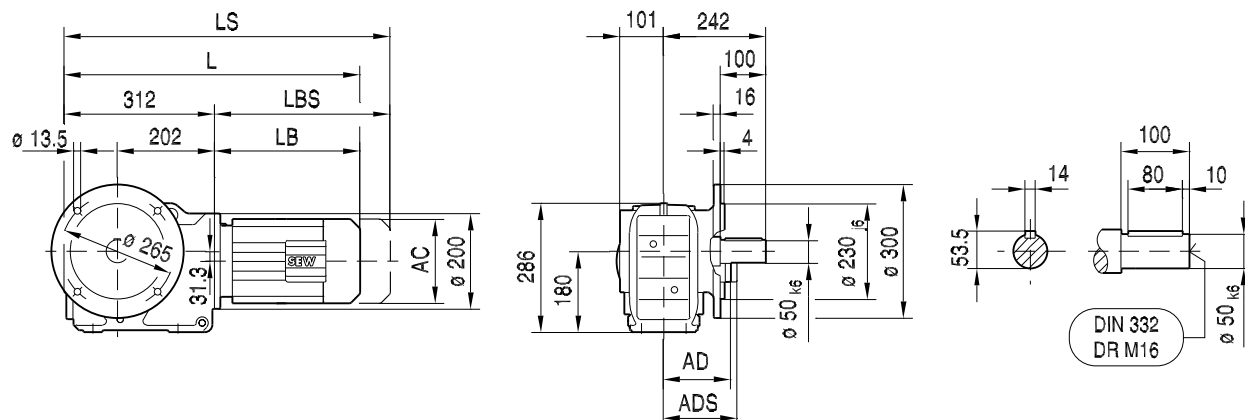
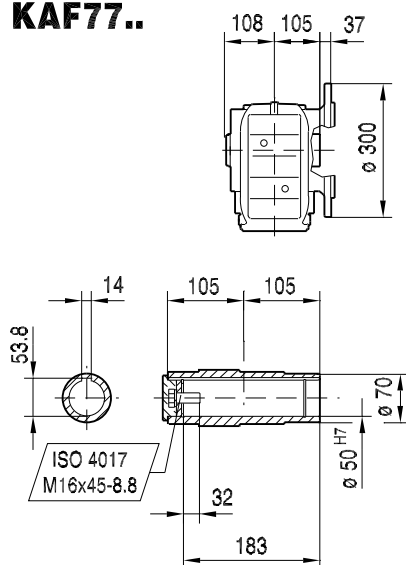
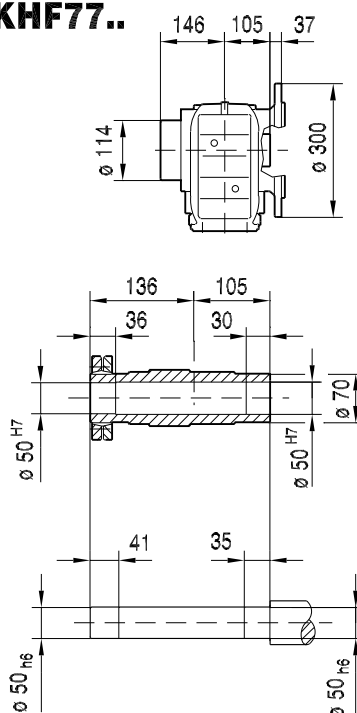
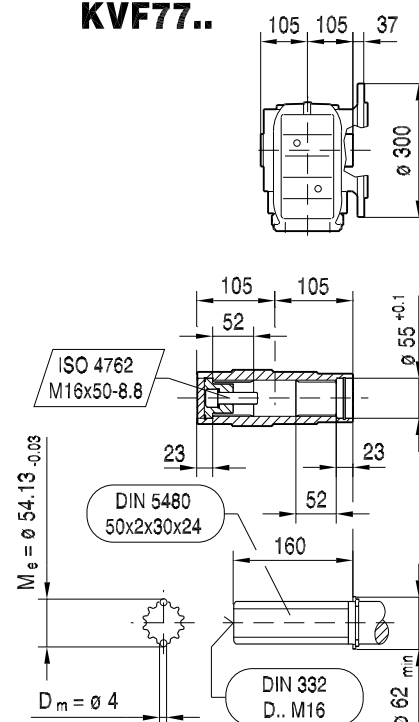
(→ 14)	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	
AC	145	145	197	197	197	221	221	275	275	275	
AD	122	122	154	166	166	179	179	230	230	230	
ADS	127	127	161	166	166	182	182	230	230	230	
L	507	557	575	625	655	659	704	726	786	786	
LS	571	621	660	710	740	739	784	838	898	898	
LB	193	243	261	311	341	345	390	412	472	472	
LBS	257	307	346	396	426	425	470	524	584	584	



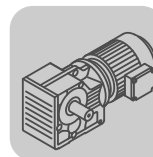
Helical-Bevel Gearmotors

Dimension sheets [mm]

34 017 03 00

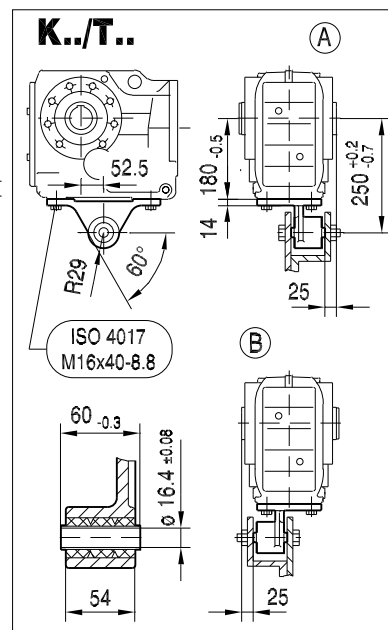
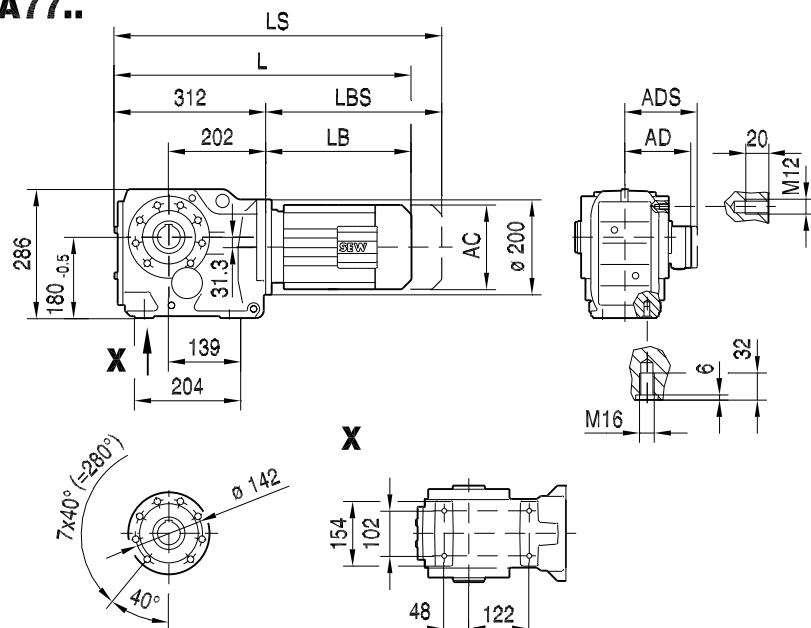
KF77..**KAF77..****KHF77..****KVF77..**

(→ 14)	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	
AC	145	145	197	197	197	221	221	275	275	275	
AD	122	122	154	166	166	179	179	230	230	230	
ADS	127	127	161	166	166	182	182	230	230	230	
L	505	555	573	623	653	657	702	724	784	784	
LS	569	619	658	708	738	737	782	836	896	896	
LB	193	243	261	311	341	345	390	412	472	472	
LBS	257	307	346	396	426	425	470	524	584	584	

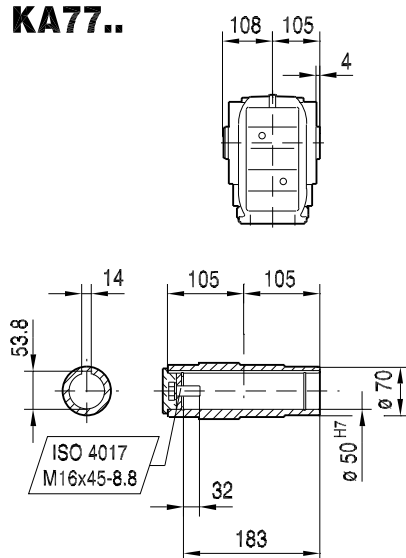


39 005 04 00

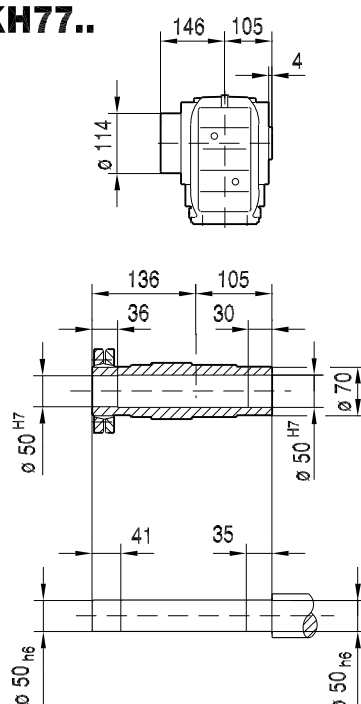
KA77..



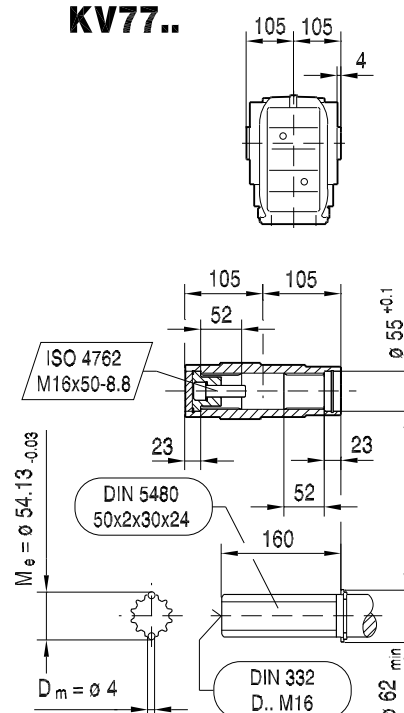
KA77..



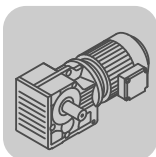
KH77..



KV77..



(→ 14)	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	
AC	145	145	197	197	197	221	221	275	275	275	
AD	122	122	154	166	166	179	179	230	230	230	
ADS	127	127	161	166	166	182	182	230	230	230	
L	505	555	573	623	653	657	702	724	784	784	
LS	569	619	658	708	738	737	782	836	896	896	
LB	193	243	261	311	341	345	390	412	472	472	
LBS	257	307	346	396	426	425	470	524	584	584	

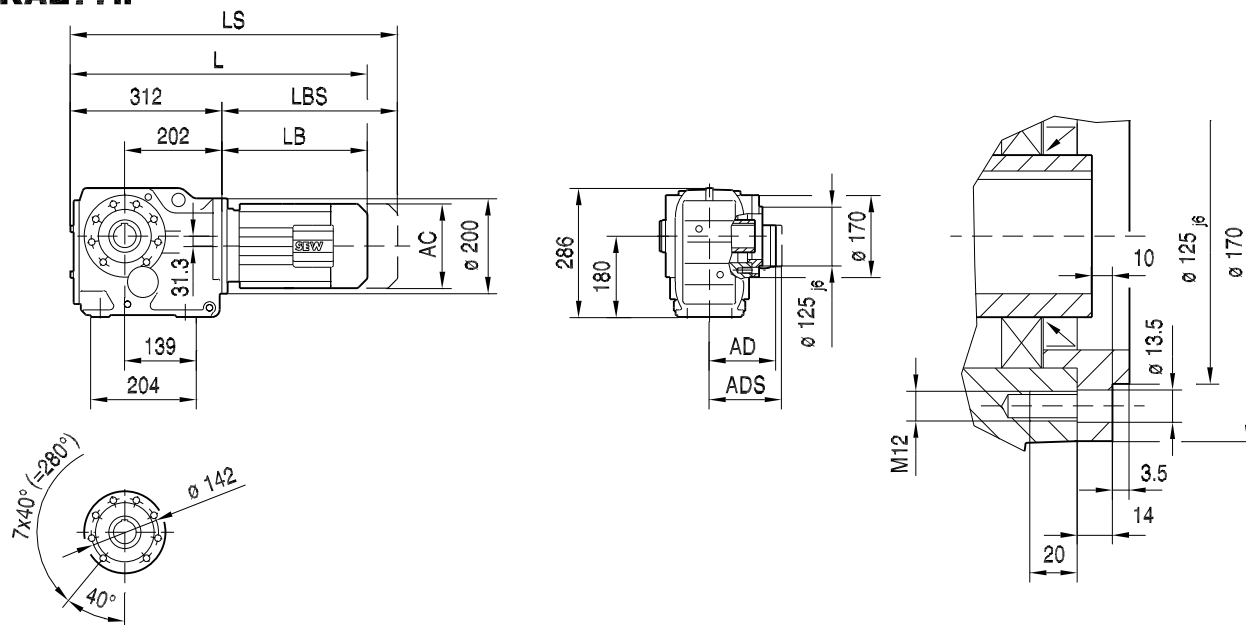


Helical-Bevel Gearmotors

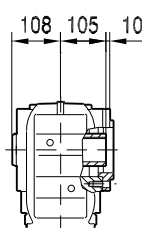
Dimension sheets [mm]

39 015 03 00

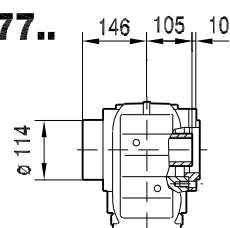
KAZ77..



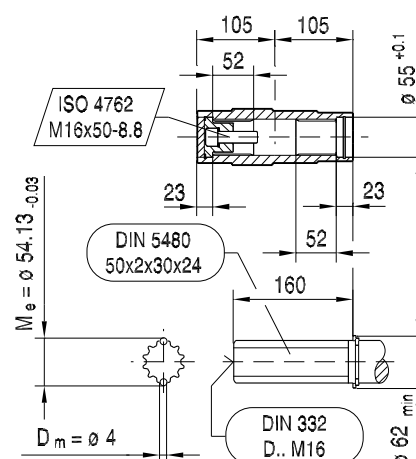
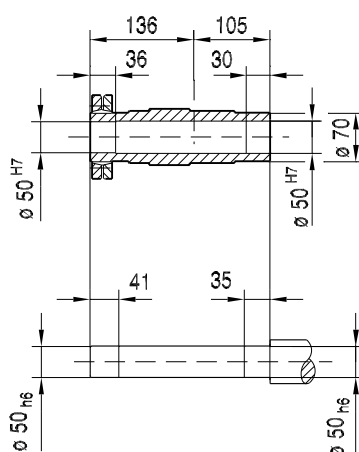
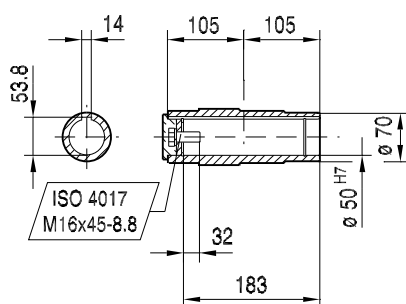
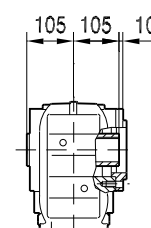
KAZ77..



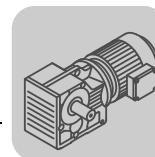
KHZ77..



KVZ77..

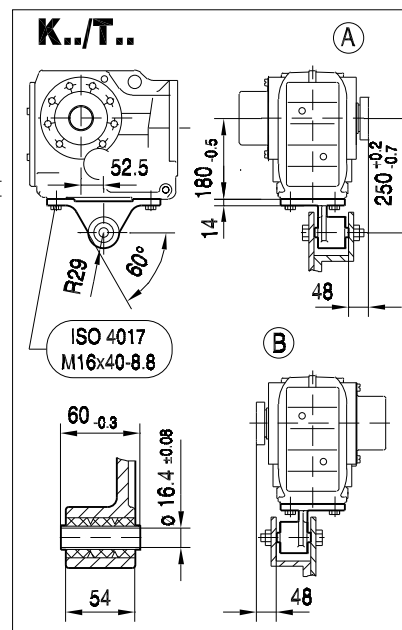
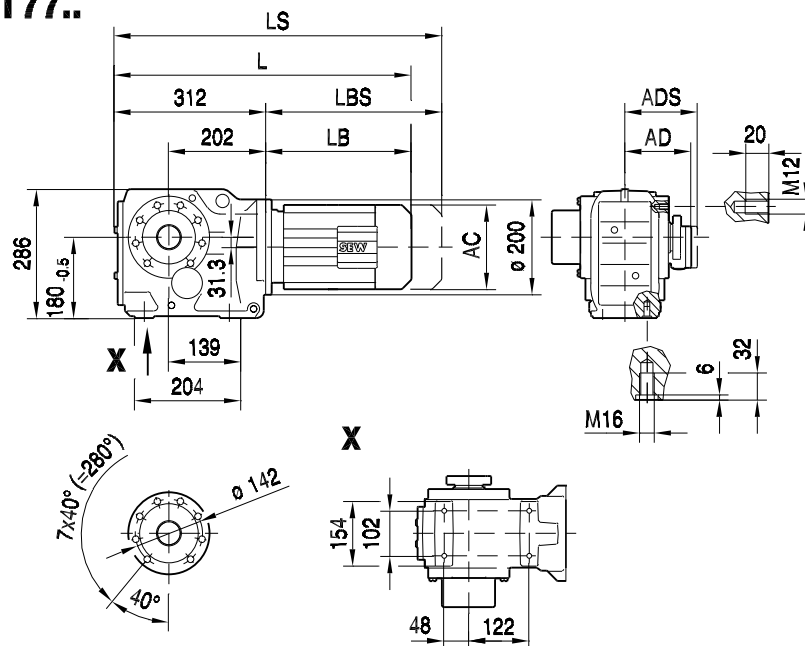


(→ 14)	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	
AC	145	145	197	197	197	221	221	275	275	275	
AD	122	122	154	166	166	179	179	230	230	230	
ADS	127	127	161	166	166	182	182	230	230	230	
L	505	555	573	623	653	657	702	724	784	784	
LS	569	619	658	708	738	737	782	836	896	896	
LB	193	243	261	311	341	345	390	412	472	472	
LBS	257	307	346	396	426	425	470	524	584	584	



39 010 01 03

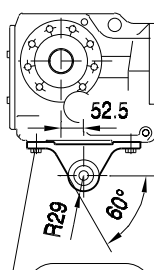
KT77..



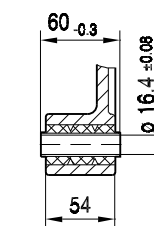
X

K../T..

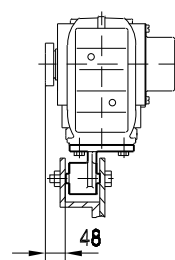
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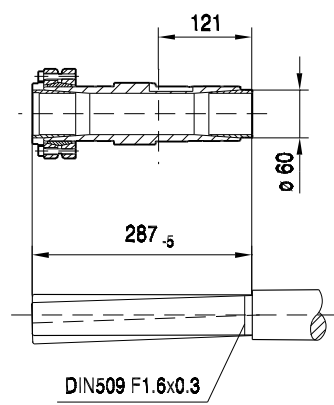
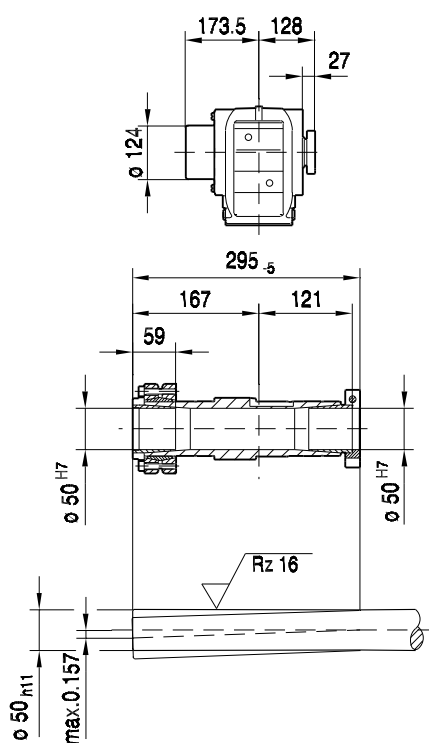
ISO 4017
M16x40-8.8



B

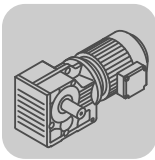


5



DIN509 F1.6x0.3

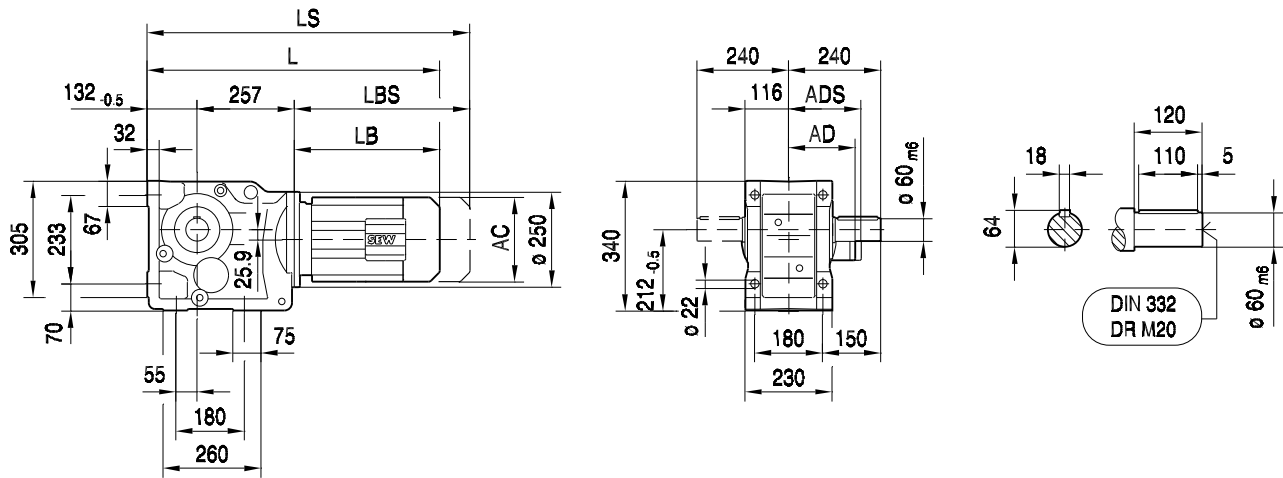
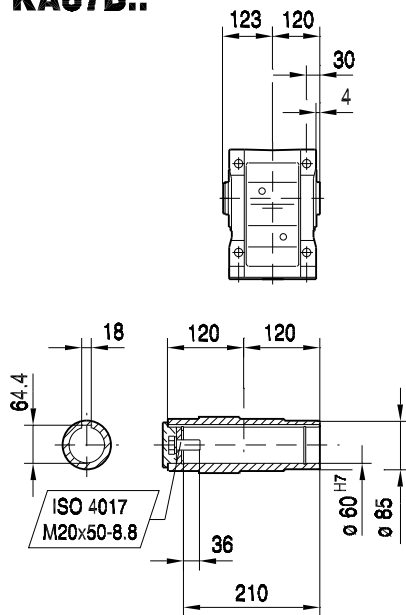
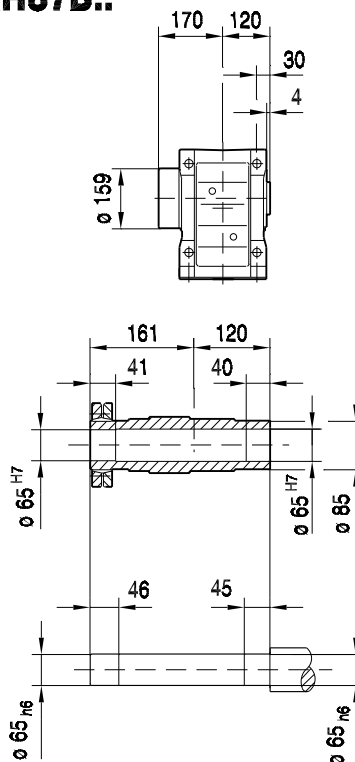
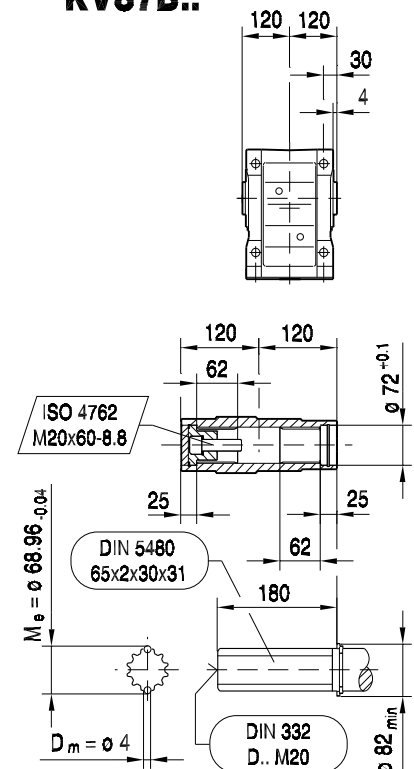
(→ 14)	DT71D	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M
AC	145	145	197	197	197	221	221	275	275	275
AD	122	122	154	166	166	179	179	230	230	230
ADS	127	127	161	166	166	182	182	230	230	230
L	505	555	573	623	653	657	702	724	784	784
LS	569	619	658	708	738	737	782	836	896	896
LB	193	243	261	311	341	345	390	412	472	472
LBS	257	307	346	396	426	425	470	524	584	584



Helical-Bevel Gearmotors

Dimension sheets [mm]

34 006 03 00

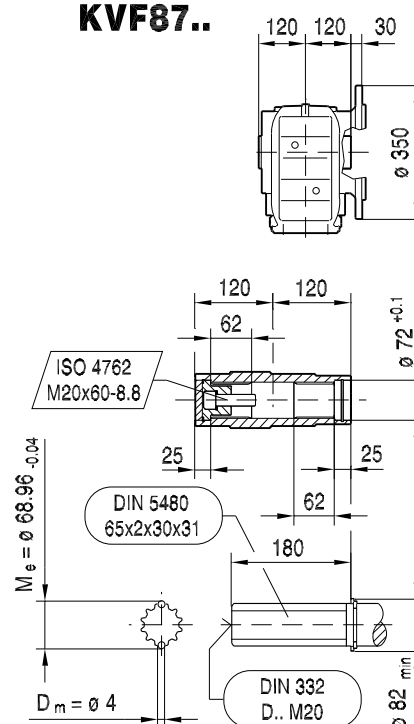
K87..**KA87B..****KH87B..****KV87B..**

(→ 14)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	627	646	696	726	729	774	796	856	856	903	975
LS	691	731	781	811	809	854	908	968	968	1059	1131
LB	238	257	307	337	340	385	407	467	467	514	586
LBS	302	342	392	422	420	465	519	579	579	670	742

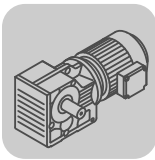
34 018 03 00



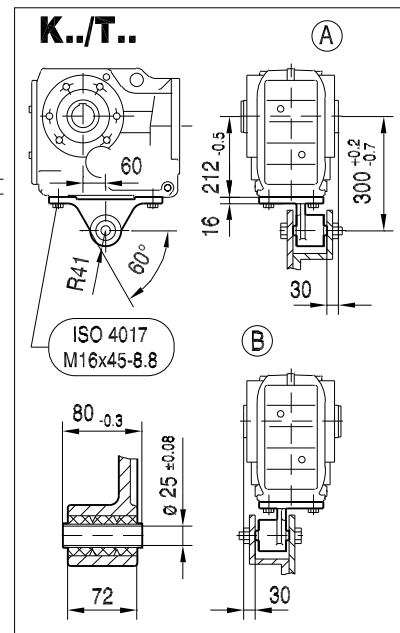
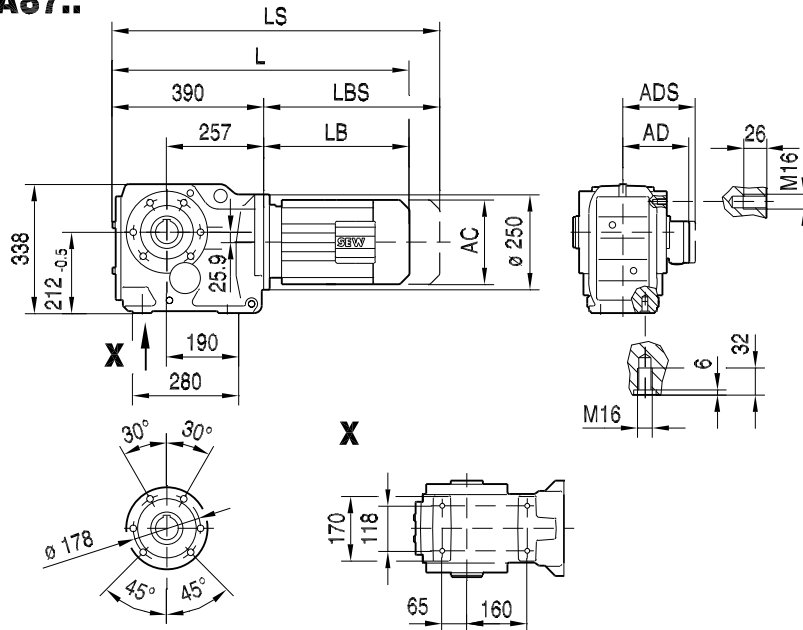
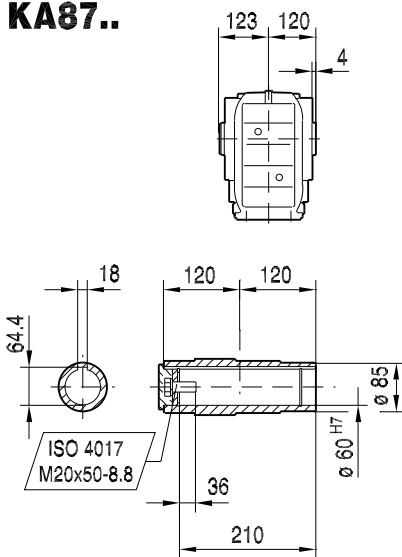
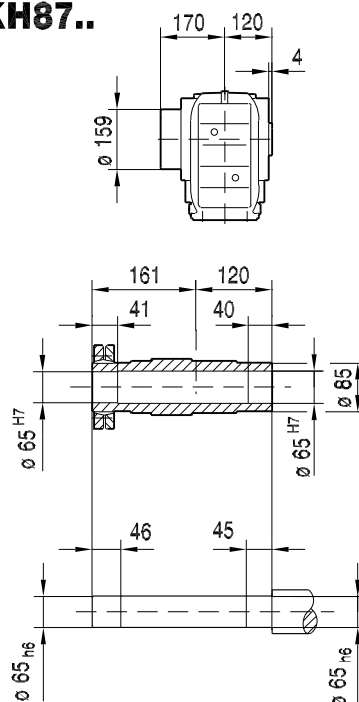
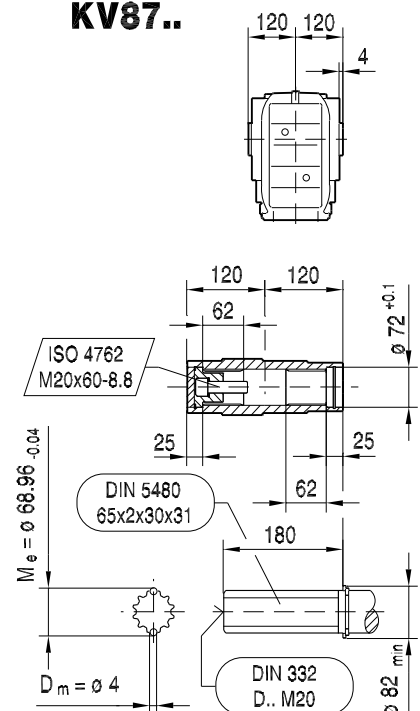
KVF87..



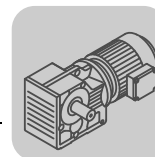
Catalog – DT/DV-GM2009



39 006 04 00

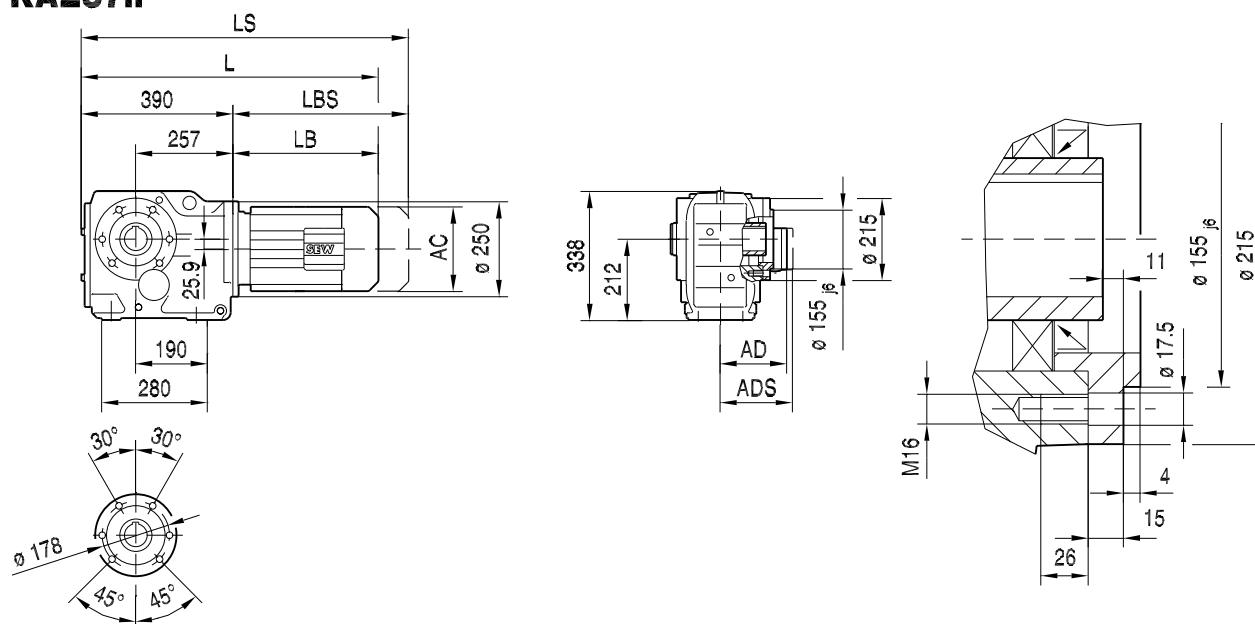
KA87..**KA87..****KH87..****KV87..**

(→ 14)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	628	647	697	727	730	775	797	857	857	904	976
LS	692	732	782	812	810	855	909	969	969	1060	1132
LB	238	257	307	337	340	385	407	467	467	514	586
LBS	302	342	392	422	420	465	519	579	579	670	742

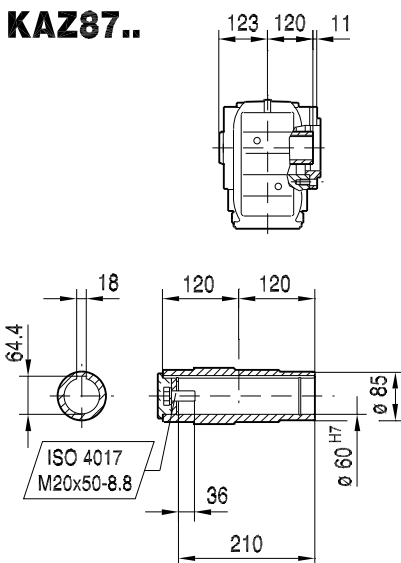


39 016 03 00

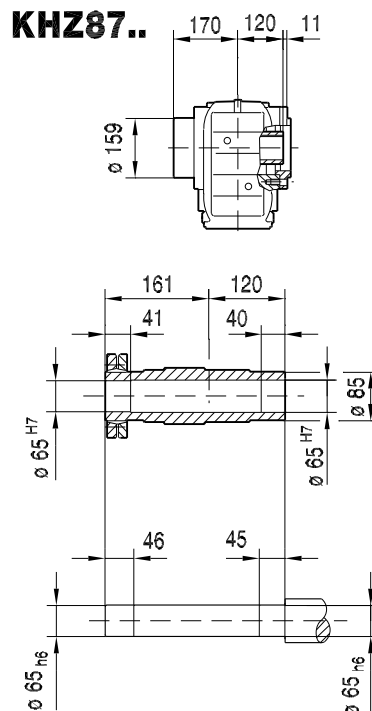
KAZ87..



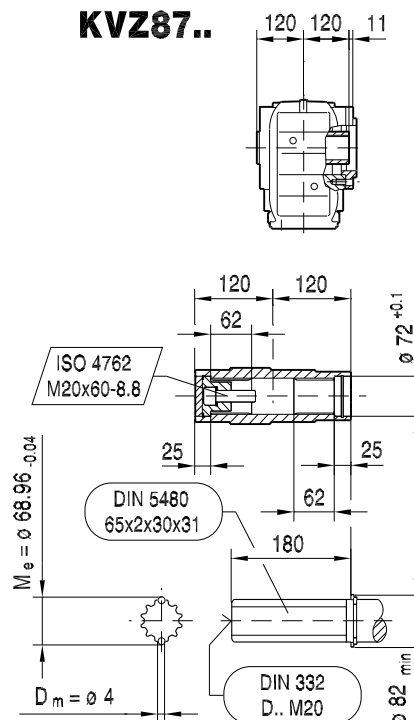
KAZ87..



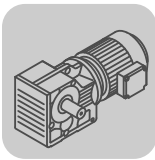
KHZ87..



KVZ87..



(→ 14)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	628	647	697	727	730	775	797	857	857	904	976
LS	692	732	782	812	810	855	909	969	969	1060	1132
LB	238	257	307	337	340	385	407	467	467	514	586
LBS	302	342	392	422	420	465	519	579	579	670	742

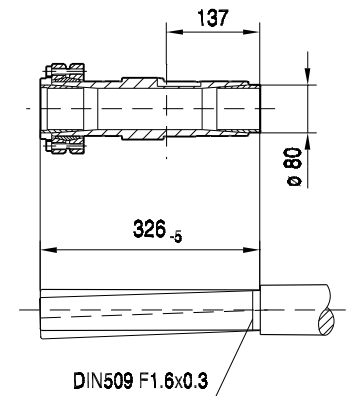
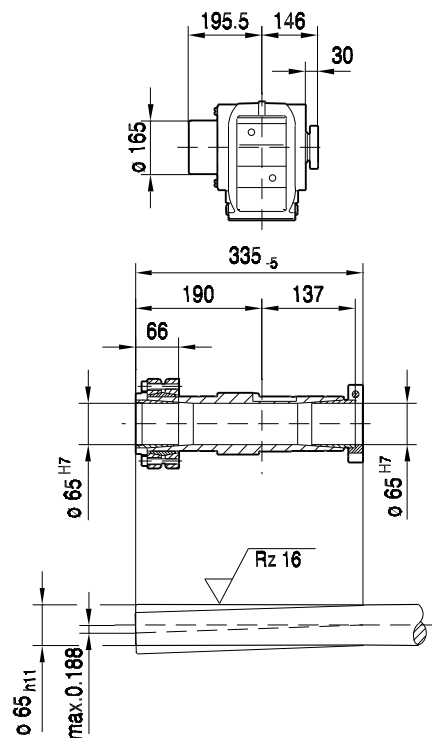
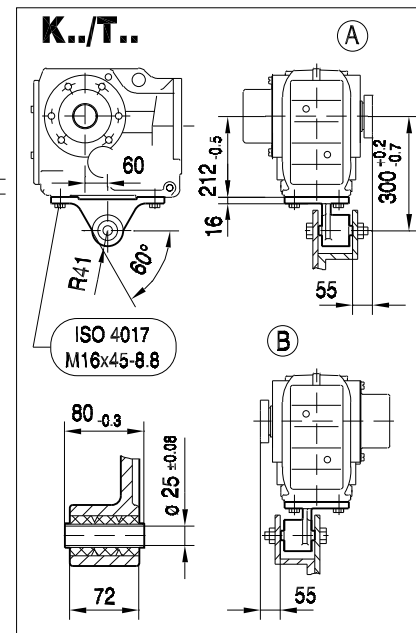
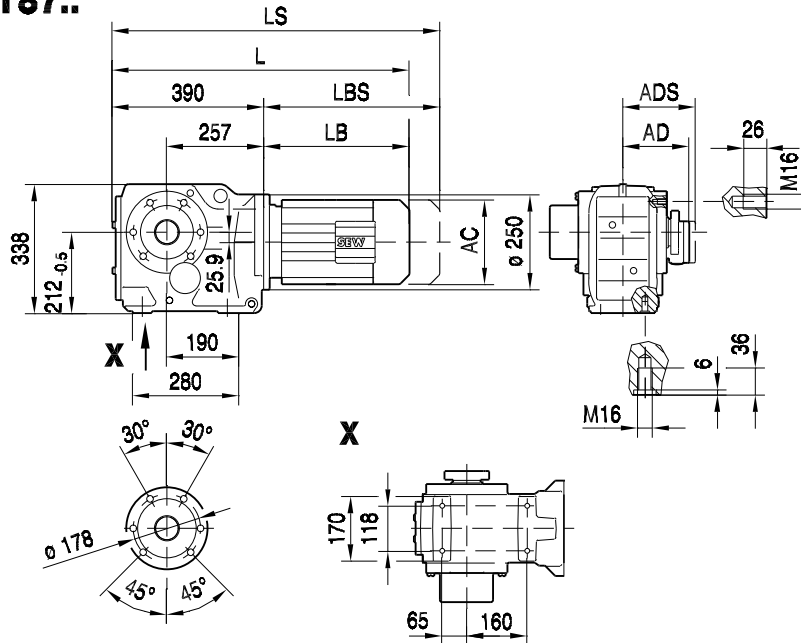


Helical-Bevel Gearmotors

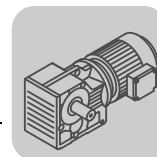
Dimension sheets [mm]

39 011 01 03

KT87..

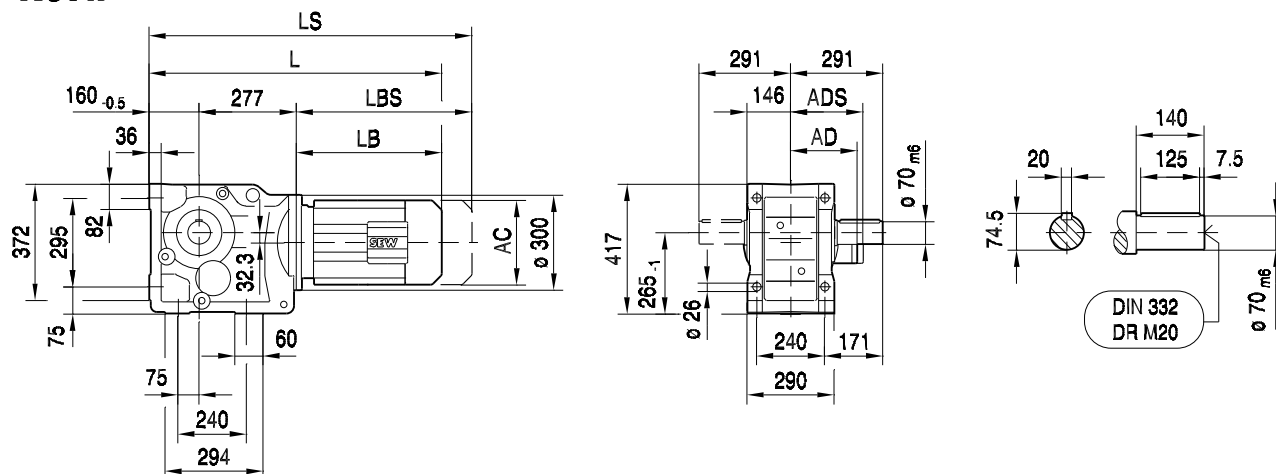


(→ 14)	DT80..	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
ADS	127	161	166	166	182	182	230	230	230	258	258
L	628	647	697	727	730	775	797	857	857	904	976
LS	692	732	782	812	810	855	909	969	969	1060	1132
LB	238	257	307	337	340	385	407	467	467	514	586
LBS	302	342	392	422	420	465	519	579	579	670	742



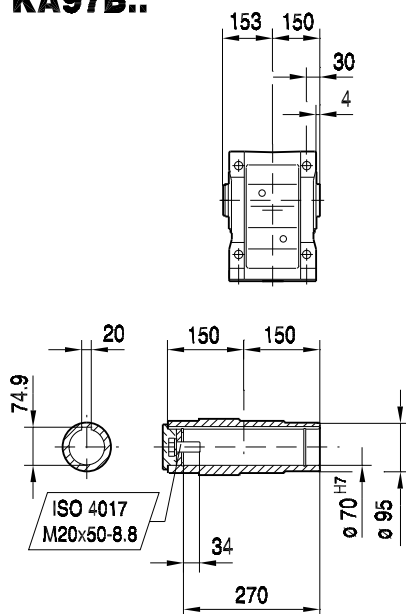
34 007 03 00

K97..

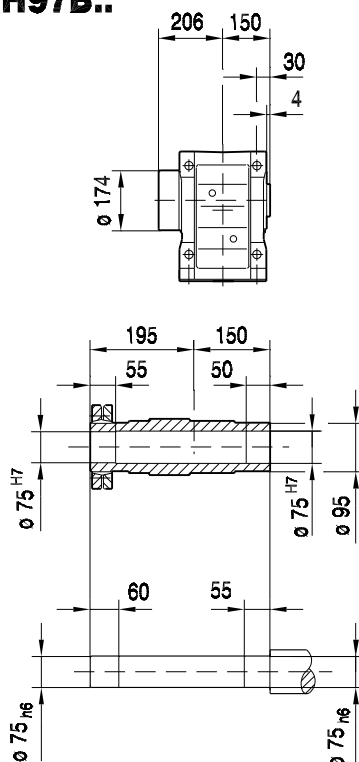


5

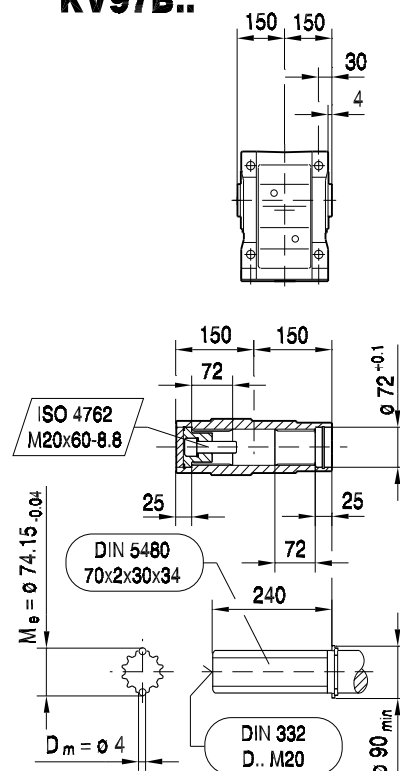
KA97B..



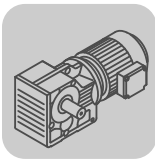
KH97B..



KV97B..



(→ 14)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
ADS	161	166	166	182	182	230	230	230	258	258	285
L	688	738	768	772	817	839	899	899	946	1018	1066
LS	773	823	853	852	897	951	1011	1011	1102	1174	1222
LB	251	301	331	335	380	402	462	462	509	581	629
LBS	336	386	416	415	460	514	574	574	665	737	785

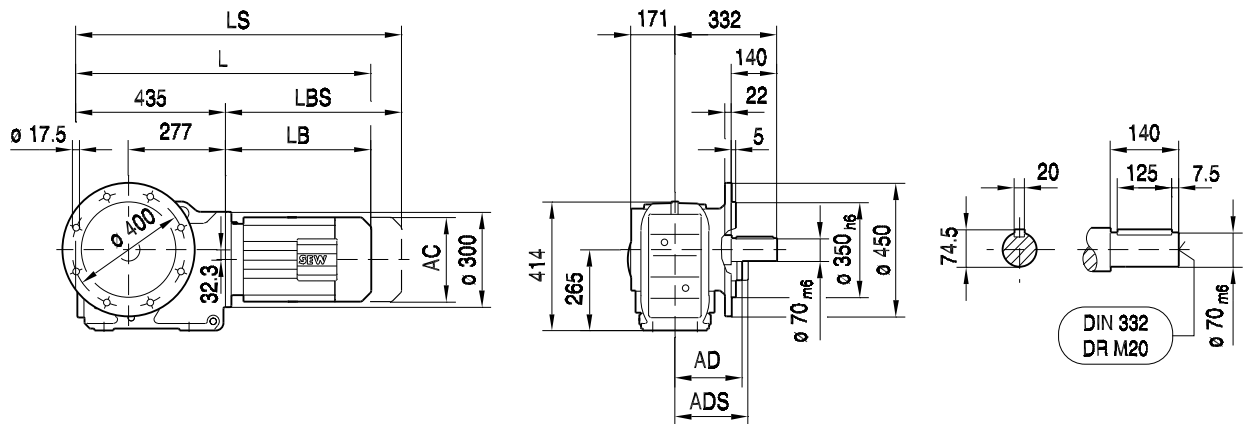


Helical-Bevel Gearmotors

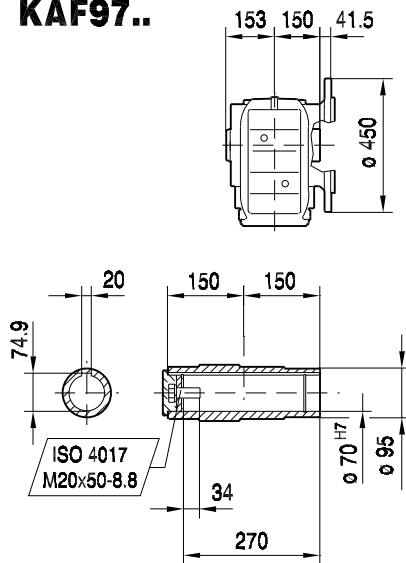
Dimension sheets [mm]

34 019 03 00

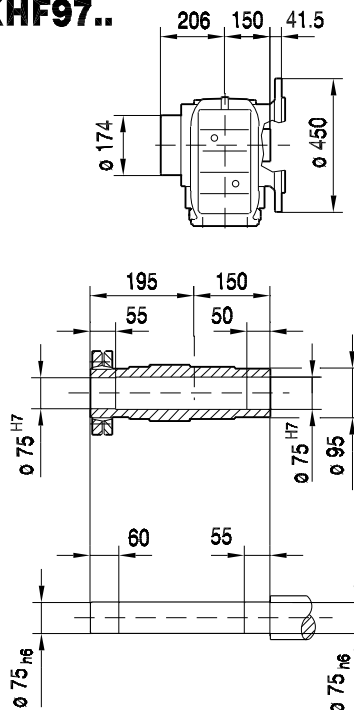
KF97..



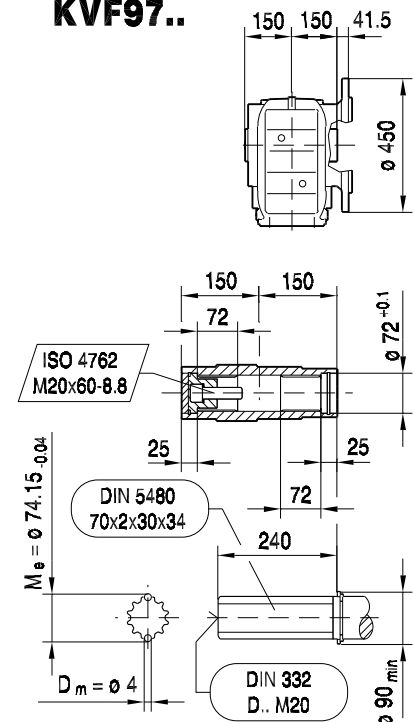
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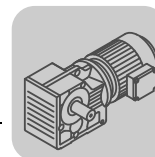
KHF97..



KVF97..

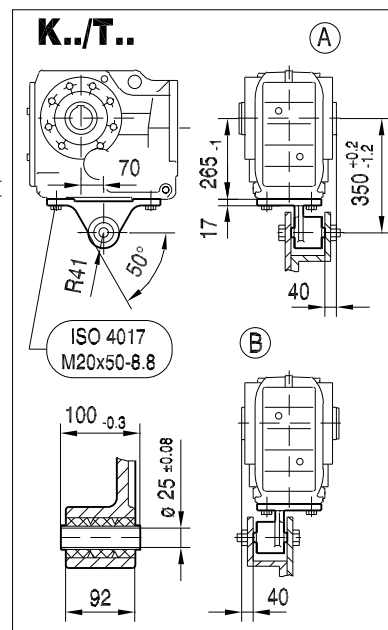
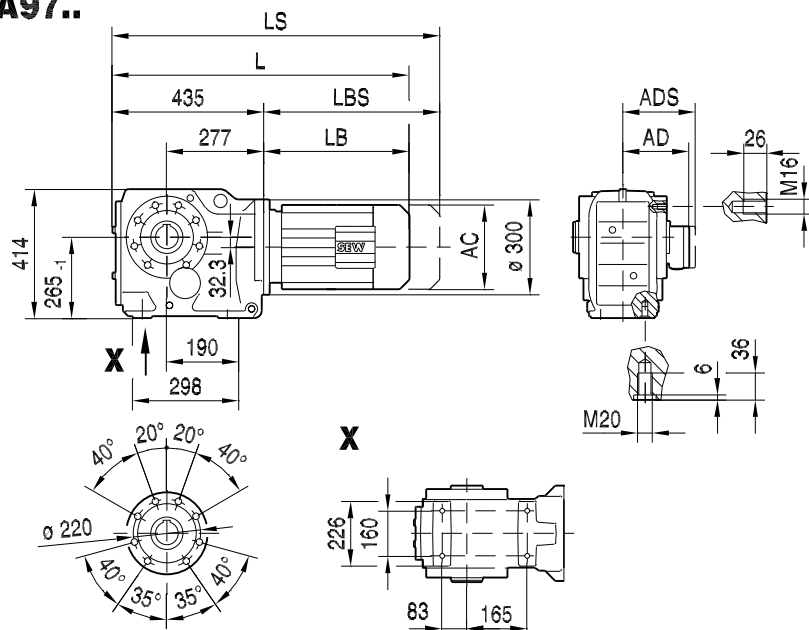


(→ 14)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
ADS	161	166	166	182	182	230	230	230	258	258	285
L	686	736	766	770	815	837	897	897	944	1016	1064
LS	771	821	851	850	895	949	1009	1009	1100	1172	1220
LB	251	301	331	335	380	402	462	462	509	581	629
LBS	336	386	416	415	460	514	574	574	665	737	785

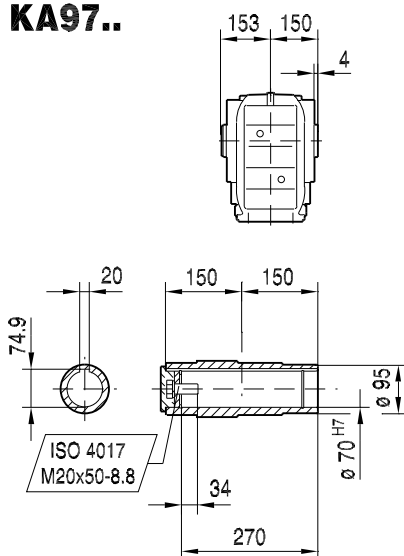


39 007 04 00

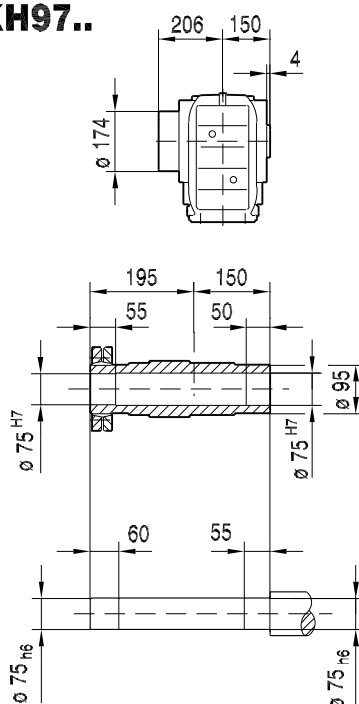
KA97..



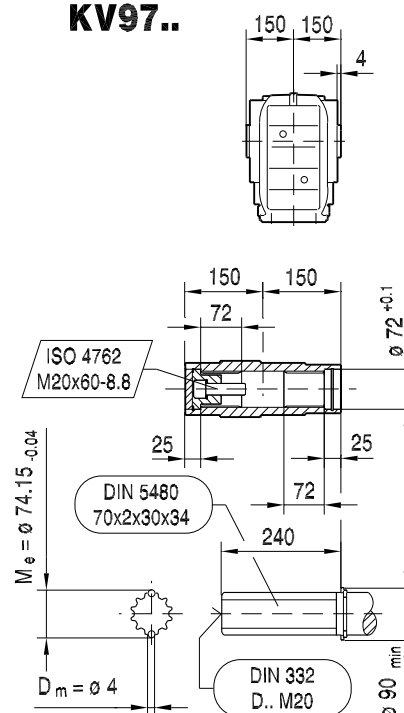
KA97..



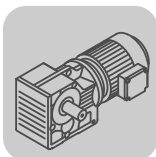
KH97..



KV97..



(→ 14)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
ADS	161	166	166	182	182	230	230	230	258	258	285
L	686	736	766	770	815	837	897	897	944	1016	1064
LS	771	821	851	850	895	949	1009	1009	1100	1172	1220
LB	251	301	331	335	380	402	462	462	509	581	629
LBS	336	386	416	415	460	514	574	574	665	737	785

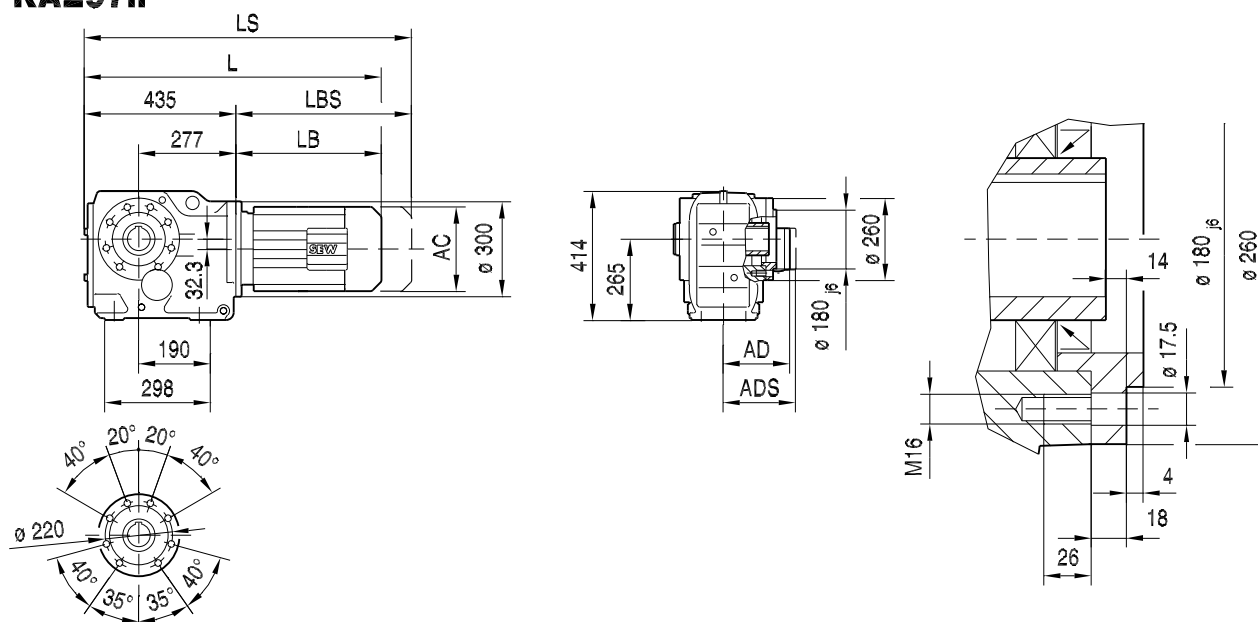


Helical-Bevel Gearmotors

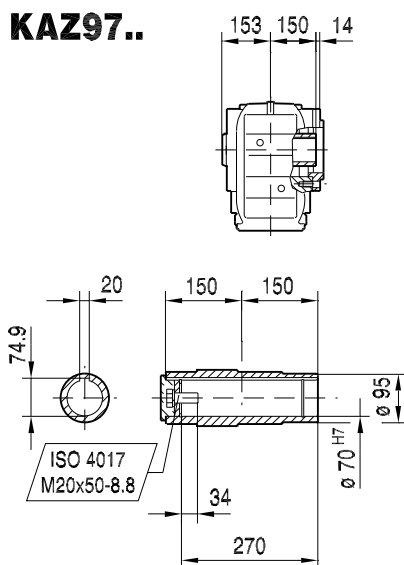
Dimension sheets [mm]

39 017 03 00

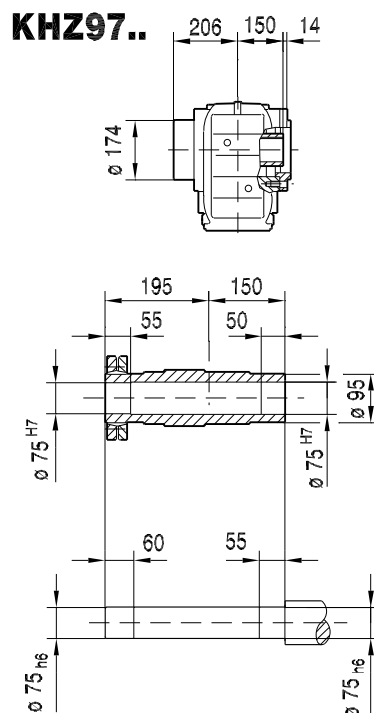
KAZ97..



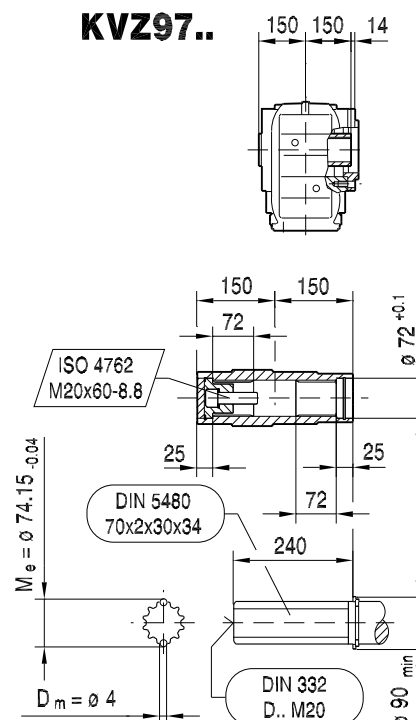
KAZ97..



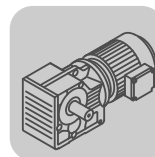
KHZ97..



KVZ97..

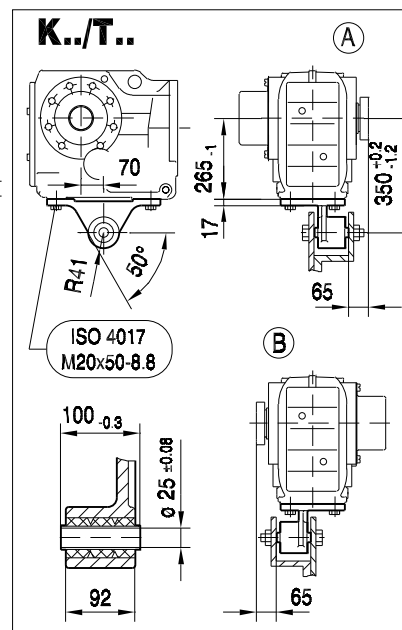
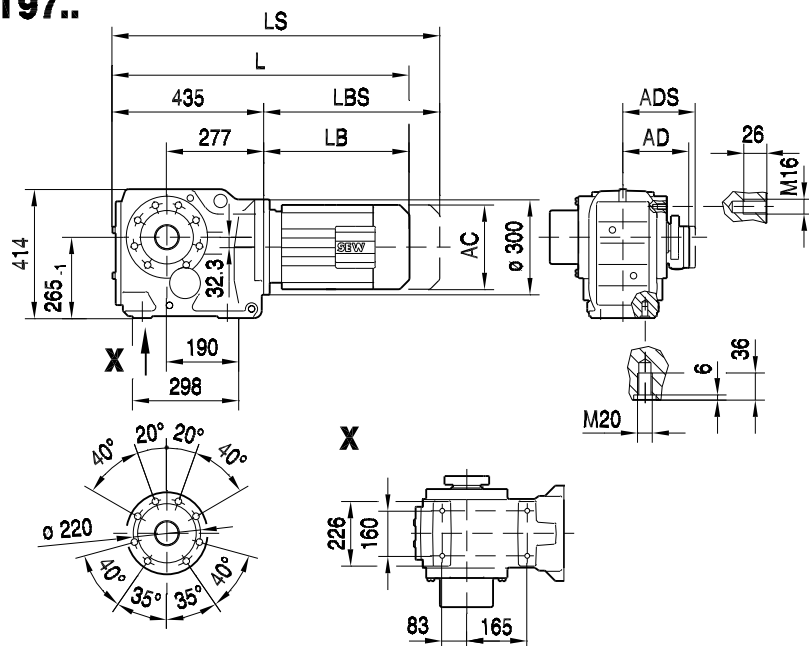


(→ 14)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
ADS	161	166	166	182	182	230	230	230	258	258	285
L	686	736	766	770	815	837	897	897	944	1016	1064
LS	771	821	851	850	895	949	1009	1009	1100	1172	1220
LB	251	301	331	335	380	402	462	462	509	581	629
LBS	336	386	416	415	460	514	574	574	665	737	785



39 012 01 03

KT97..

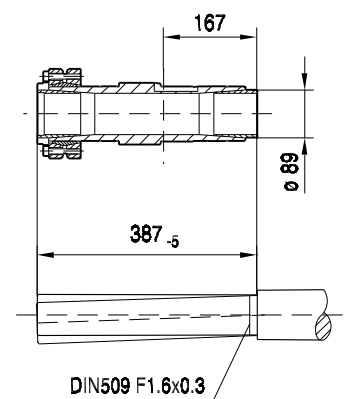
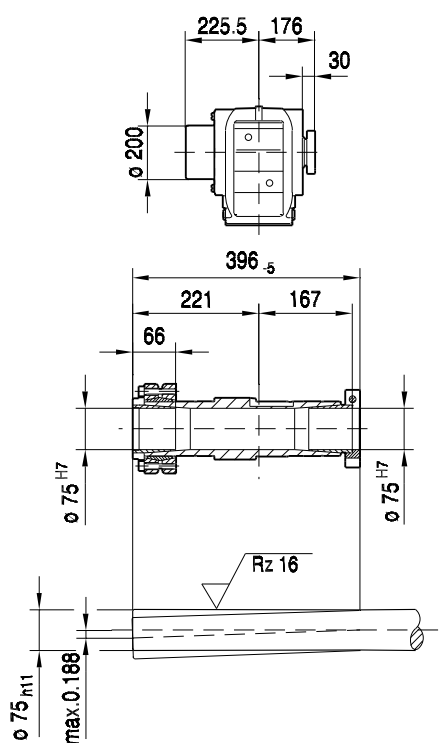


X

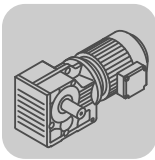
A

B

5



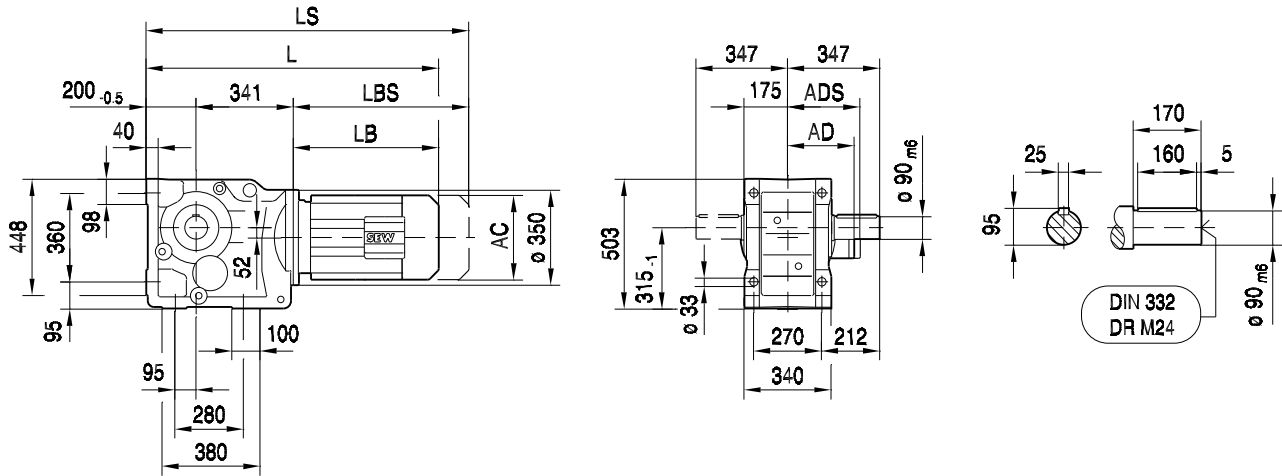
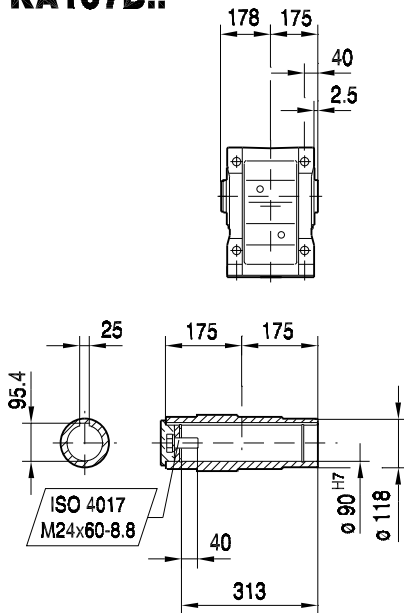
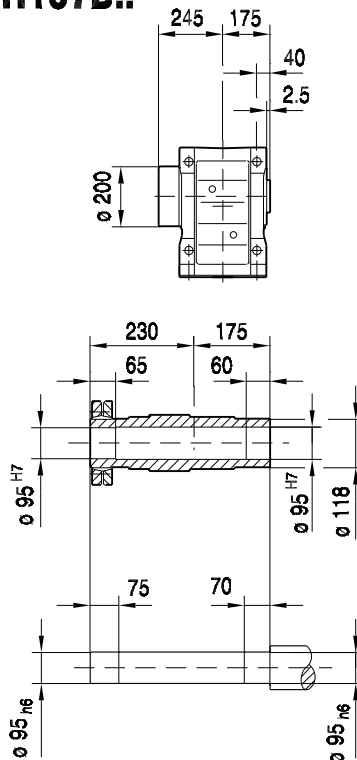
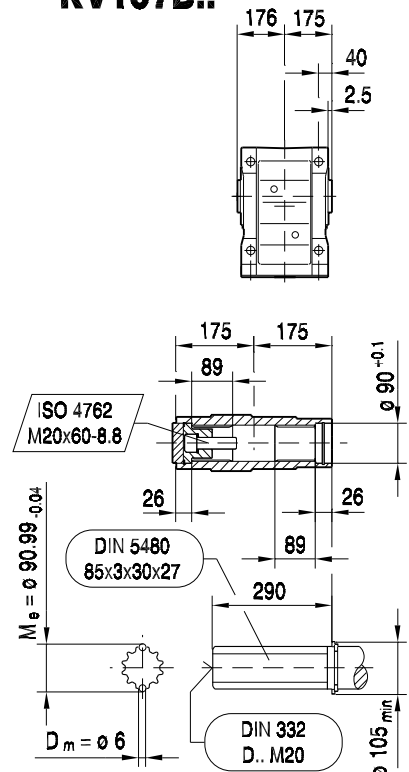
(→ 14)	DT90..	DV100M	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
ADS	161	166	166	182	182	230	230	230	258	258	285
L	686	736	766	770	815	837	897	897	944	1016	1064
LS	771	821	851	850	895	949	1009	1009	1100	1172	1220
LB	251	301	331	335	380	402	462	462	509	581	629
LBS	336	386	416	415	460	514	574	574	665	737	785



Helical-Bevel Gearmotors

Dimension sheets [mm]

34 008 03 00

K107..**KA107B..****KH107B..****KV107B..**

(→ 14)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	
AC	197	221	221	275	275	275	331	331	394	394	
AD	166	179	179	230	230	230	258	258	285	289	
ADS	166	182	182	230	230	230	258	258	285	289	
L	866	870	915	937	997	997	1044	1116	1164	1246	
LS	951	950	995	1049	1109	1109	1200	1272	1320	1402	
LB	325	329	374	396	456	456	503	575	623	705	
LBS	410	409	454	508	568	568	659	731	779	861	

5

5



5

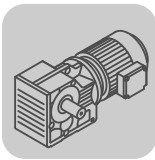


5



5

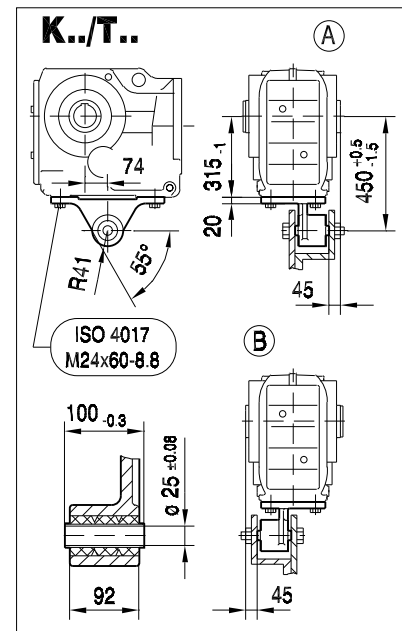
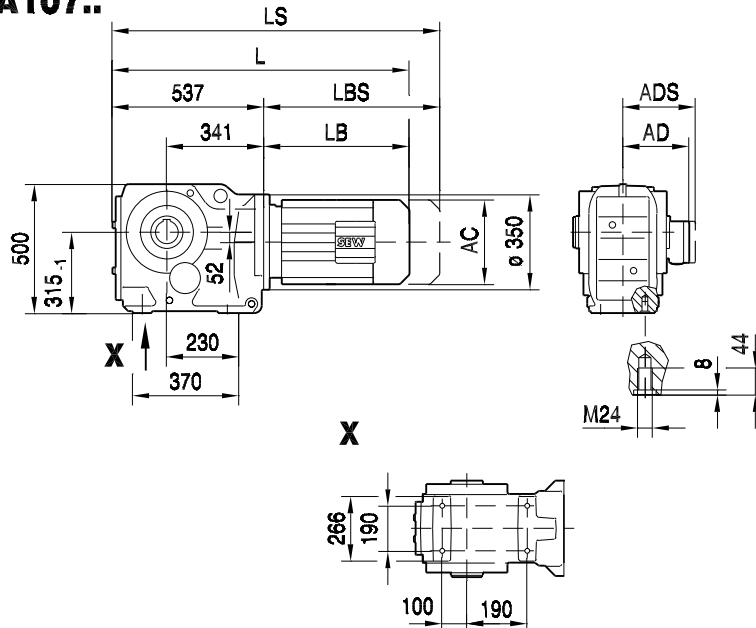
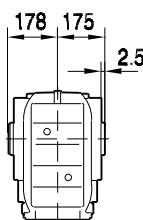
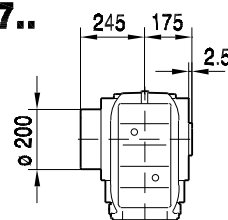
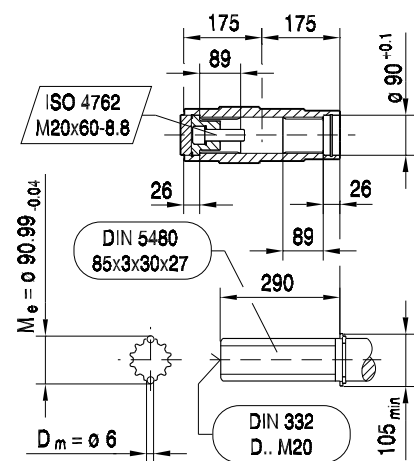
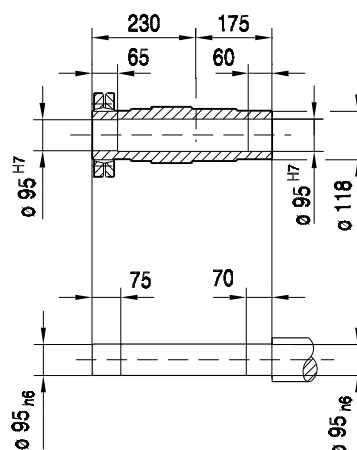
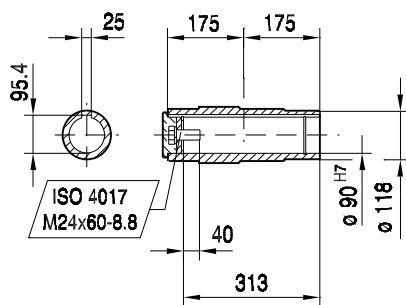
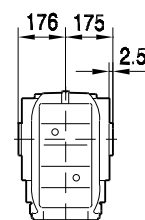
5



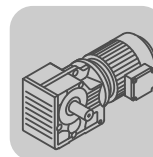
Helical-Bevel Gearmotors

Dimension sheets [mm]

39 008 04 00

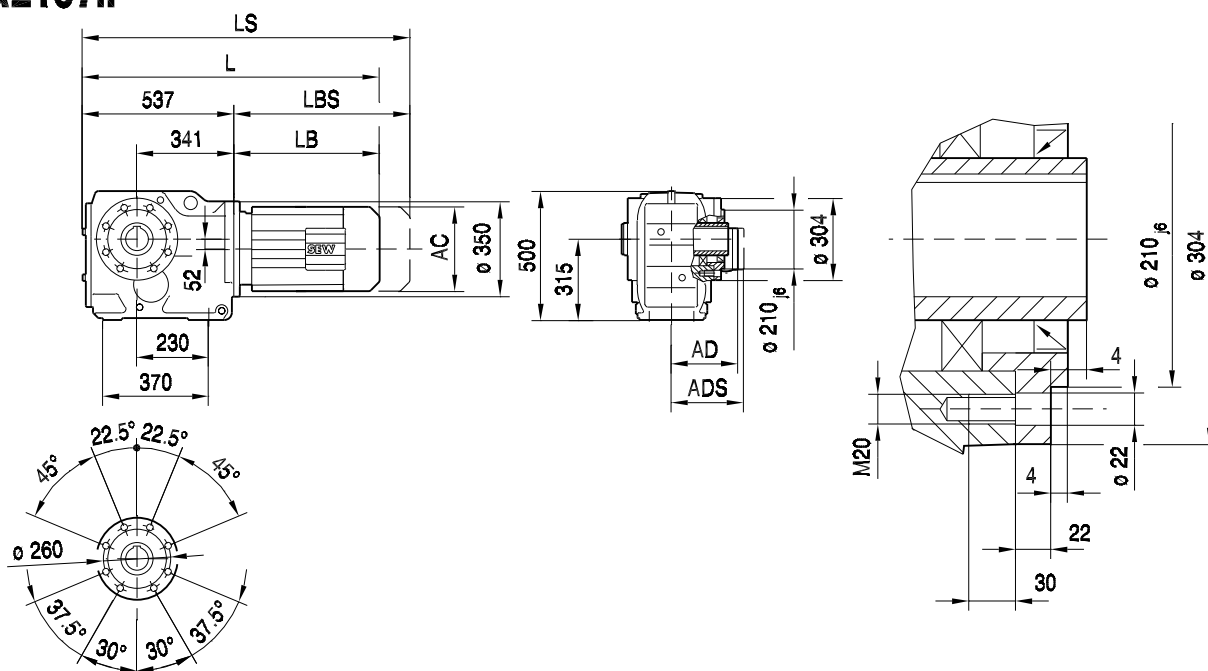
KA107..**KA107..****KH107..****KV107..**

(→ 14)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	
AC	197	221	221	275	275	275	331	331	394	394	
AD	166	179	179	230	230	230	258	258	285	289	
ADS	166	182	182	230	230	230	258	258	285	289	
L	862	866	911	933	993	993	1040	1112	1160	1242	
LS	947	946	991	1045	1105	1105	1196	1268	1316	1398	
LB	325	329	374	396	456	456	503	575	623	705	
LBS	410	409	454	508	568	568	659	731	779	861	

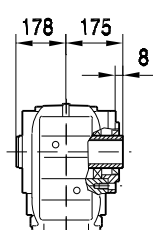


39 018 03 00

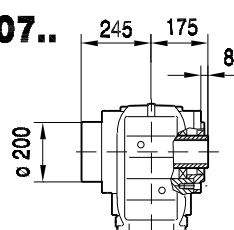
KAZ107..



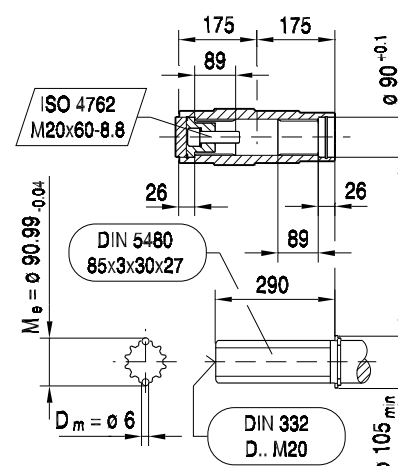
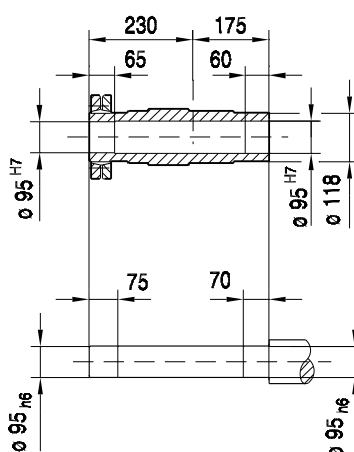
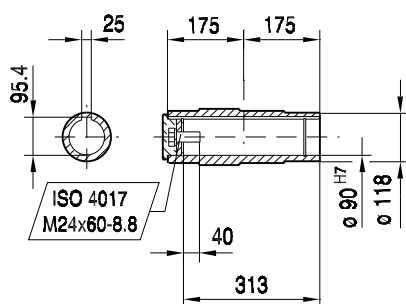
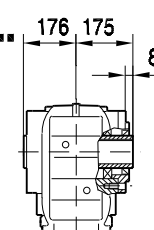
KAZ107..



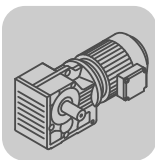
KHZ107..



KVZ107..



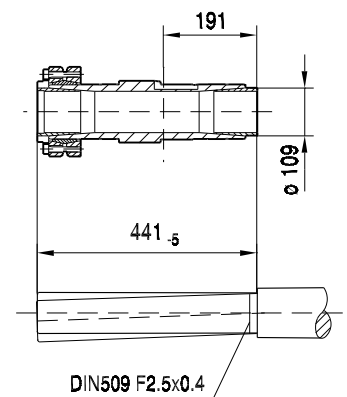
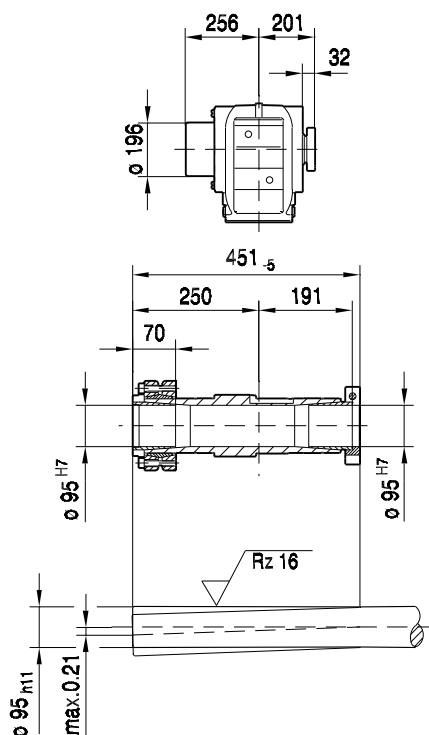
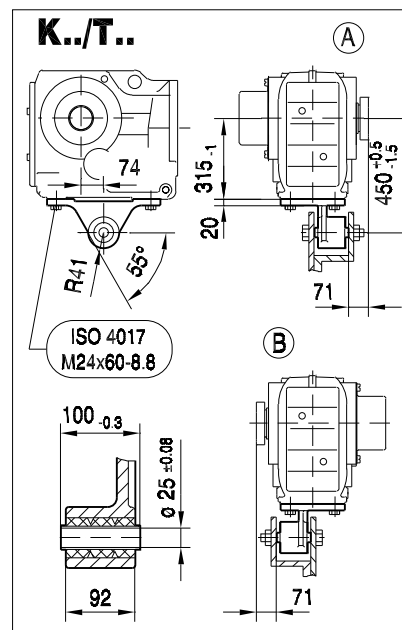
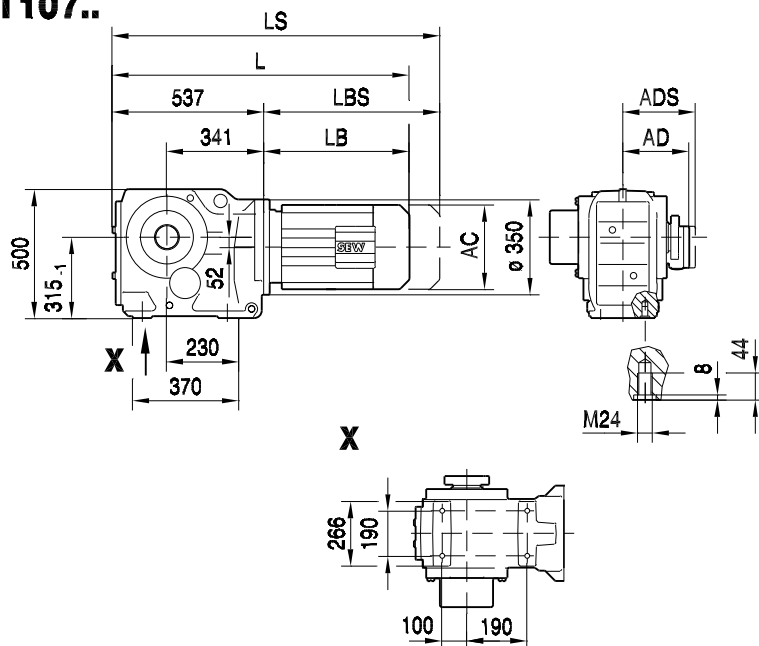
(→ 14)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	
AC	197	221	221	275	275	275	331	331	394	394	
AD	166	179	179	230	230	230	258	258	285	289	
ADS	166	182	182	230	230	230	258	258	285	289	
L	862	866	911	933	993	993	1040	1112	1160	1242	
LS	947	946	991	1045	1105	1105	1196	1268	1316	1398	
LB	325	329	374	396	456	456	503	575	623	705	
LBS	410	409	454	508	568	568	659	731	779	861	



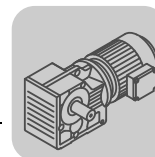
Helical-Bevel Gearmotors

Dimension sheets [mm]

33 129 00 05

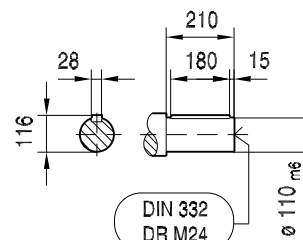
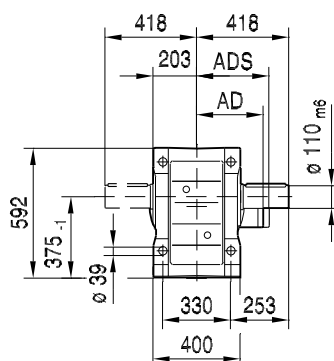
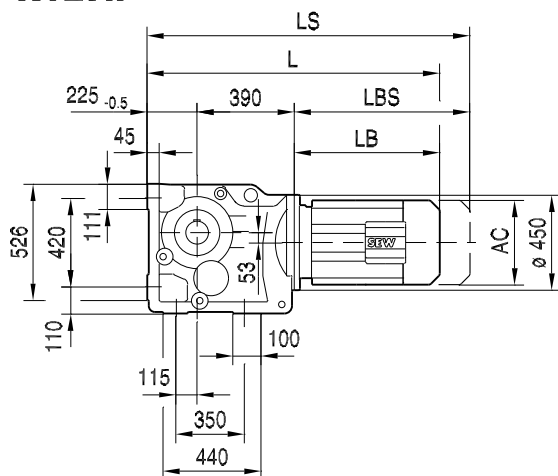
KT107..

(→ 14)	DV100L	DV112M	DV132S	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	
AC	197	221	221	275	275	275	331	331	394	394	
AD	166	179	179	230	230	230	258	258	285	289	
ADS	166	182	182	230	230	230	258	258	285	289	
L	862	866	911	933	993	993	1040	1112	1160	1242	
LS	947	946	991	1045	1105	1105	1196	1268	1316	1398	
LB	325	329	374	396	456	456	503	575	623	705	
LBS	410	409	454	508	568	568	659	731	779	861	

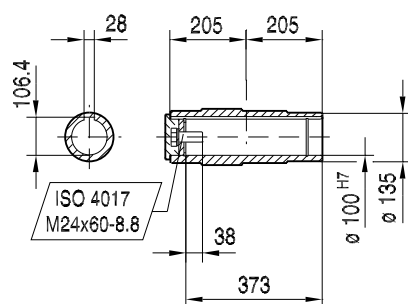
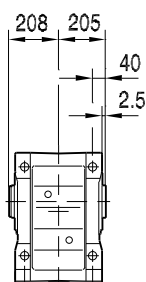


34 009 03 00

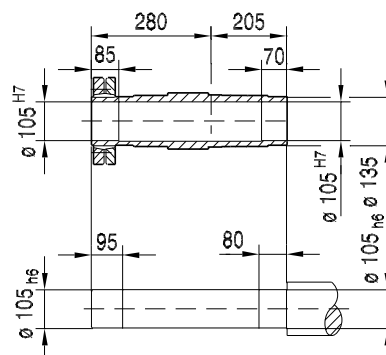
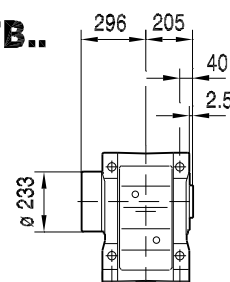
K127..



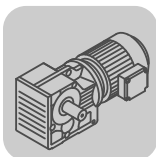
KA127B..



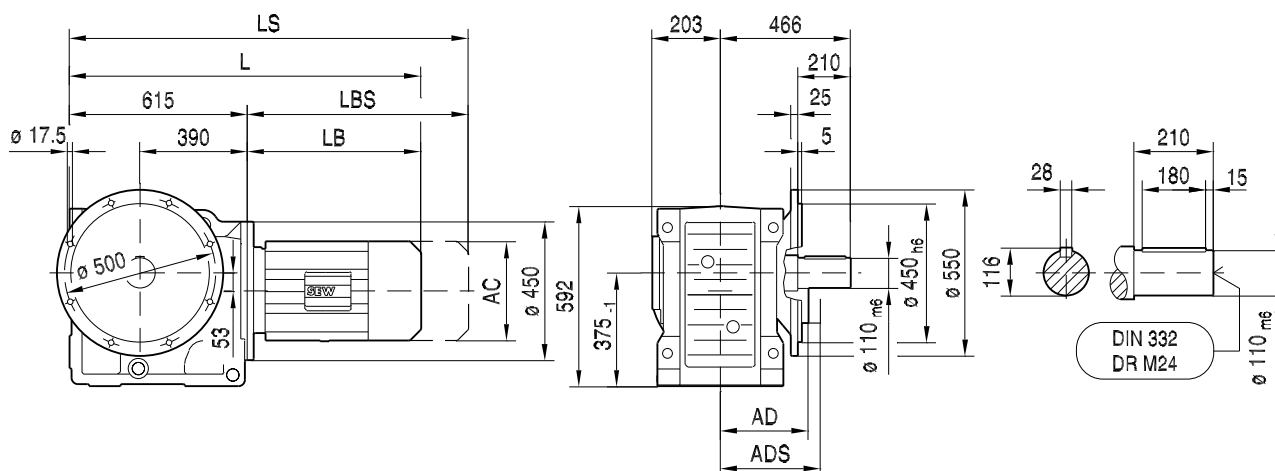
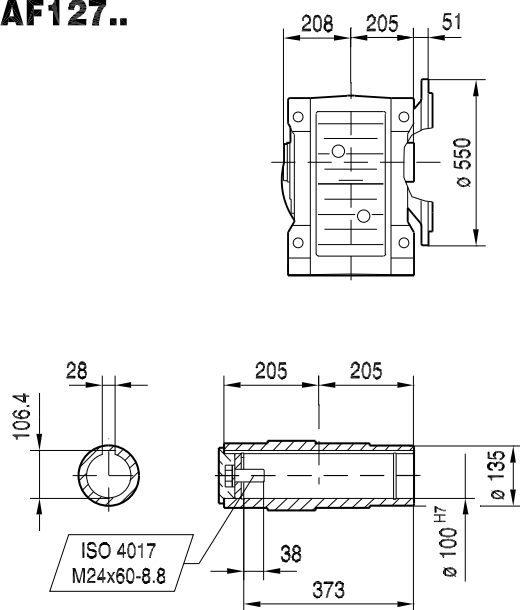
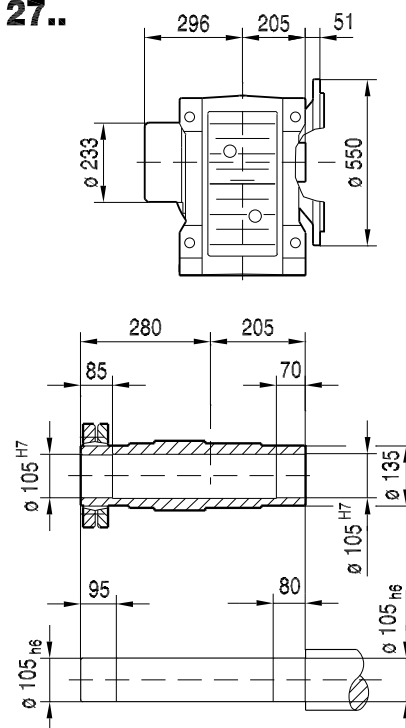
KH127B..



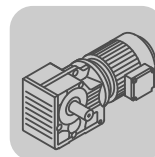
(→ 14)	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
ADS	230	230	230	258	258	285	289	397	397		
L	996	1056	1056	1103	1175	1223	1305	1395	1395		
LS	1108	1168	1168	1259	1331	1379	1461	1580	1580		
LB	381	441	441	488	560	608	690	780	780		
LBS	493	553	553	644	716	764	846	965	965		



34 021 03 00

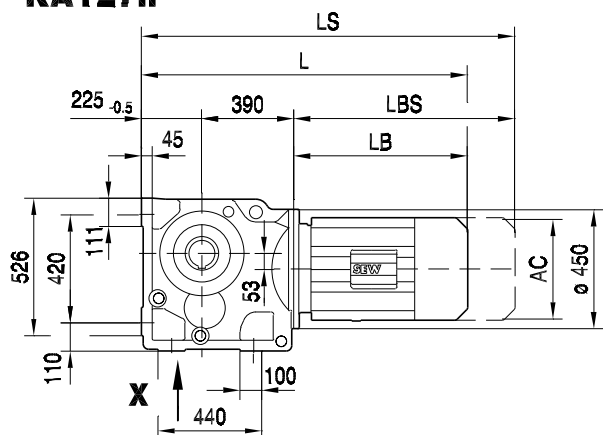
KF127..**KAF127..****KHF127..**

(→ 14)	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
ADS	230	230	230	258	258	285	289	397	397		
L	996	1056	1056	1103	1175	1223	1305	1395	1395		
LS	1108	1168	1168	1259	1331	1379	1461	1580	1580		
LB	381	441	441	488	560	608	690	780	780		
LBS	493	553	553	644	716	764	846	965	965		

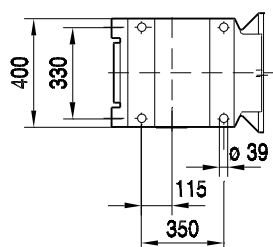


39 009 04 00

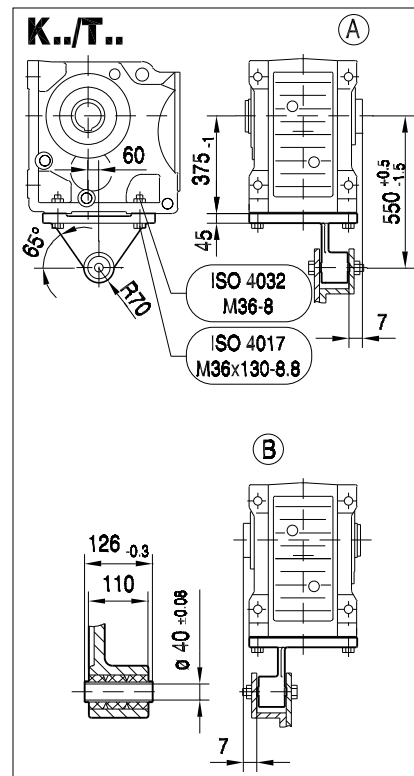
KA127..



X

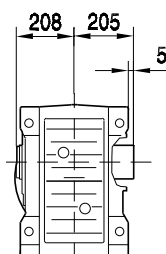


K../T..

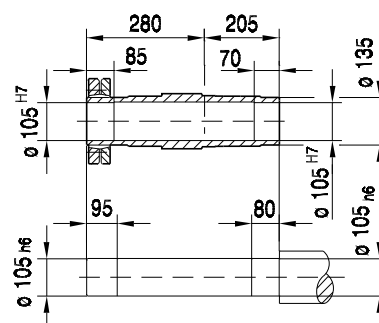
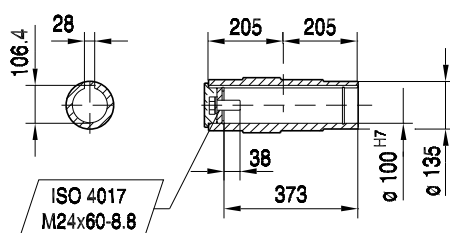
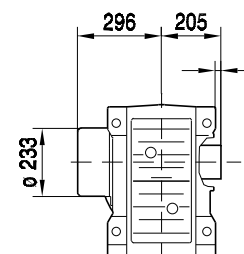


B

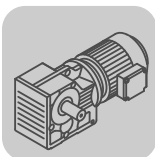
KA127..



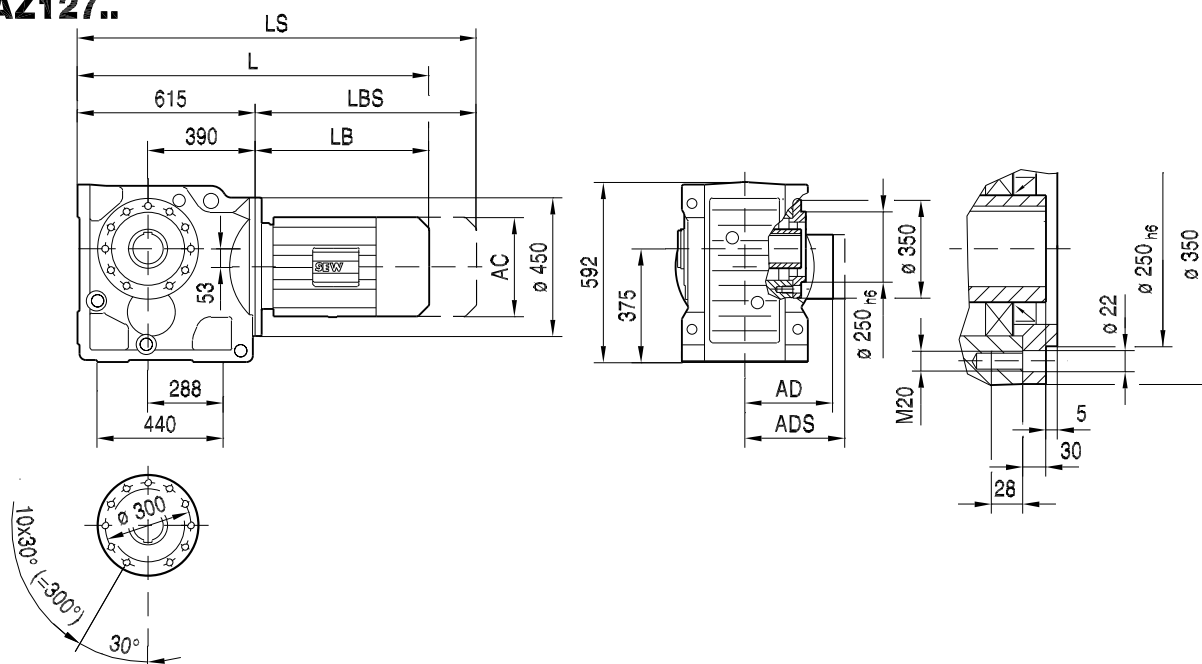
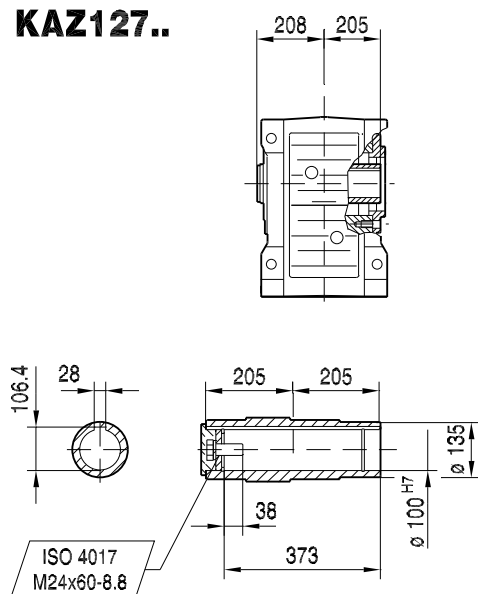
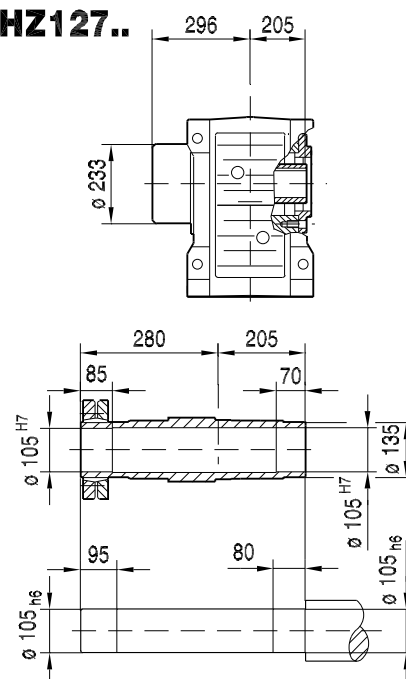
KH127..



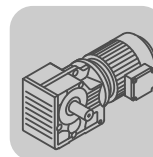
(→ 14)	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
ADS	230	230	230	258	258	285	289	397	397		
L	996	1056	1056	1103	1175	1223	1305	1395	1395		
LS	1108	1168	1168	1259	1331	1379	1461	1580	1580		
LB	381	441	441	488	560	608	690	780	780		
LBS	493	553	553	644	716	764	846	965	965		



39 019 04 00

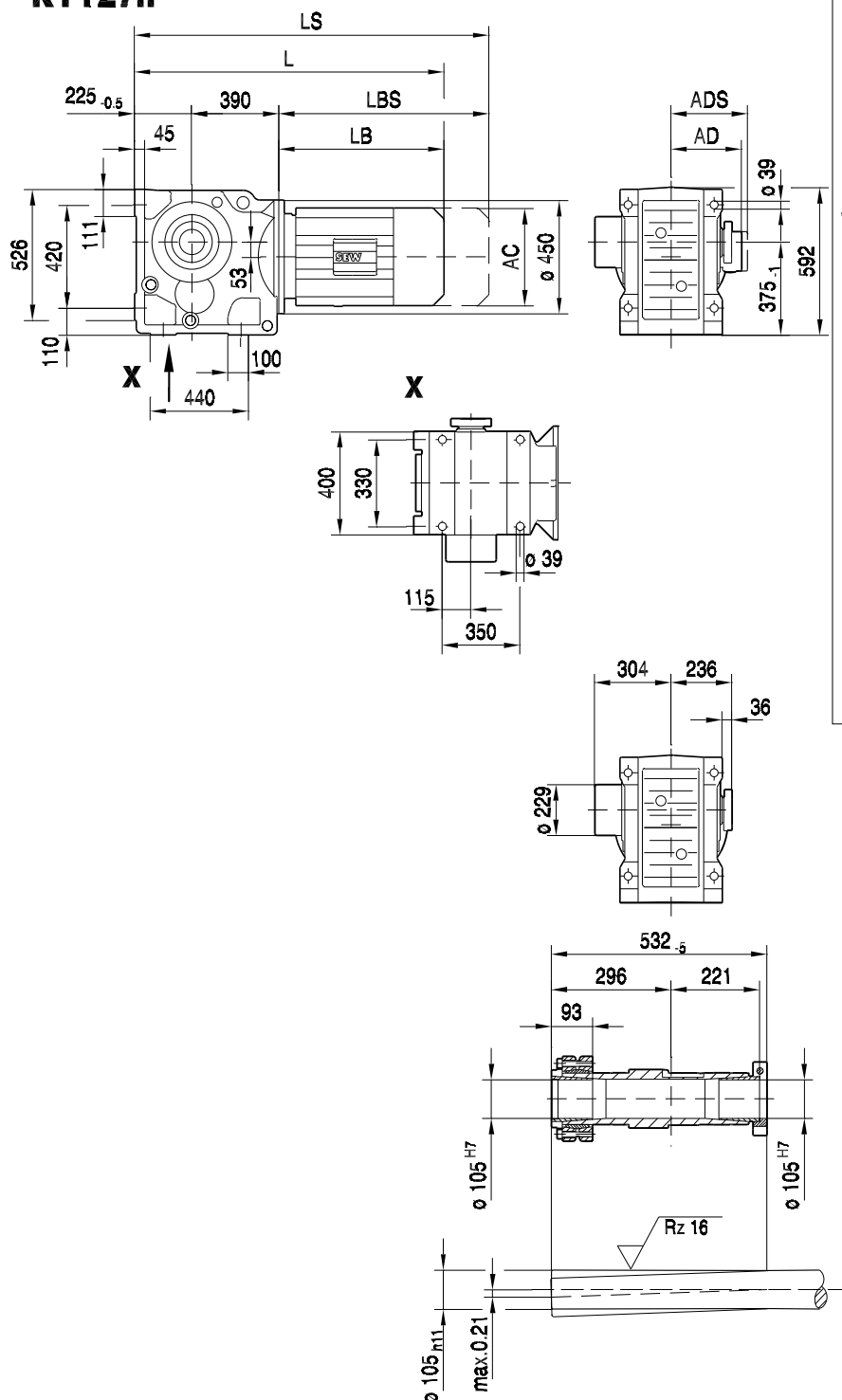
KAZ127..**KAZ127..****KHZ127..**

(→ 14)	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
ADS	230	230	230	258	258	285	289	397	397		
L	996	1056	1056	1103	1175	1223	1305	1395	1395		
LS	1108	1168	1168	1259	1331	1379	1461	1580	1580		
LB	381	441	441	488	560	608	690	780	780		
LBS	493	553	553	644	716	764	846	965	965		

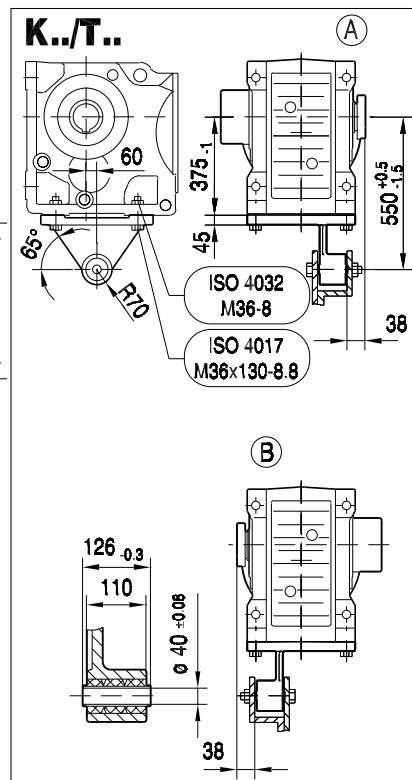


33 130 00 05

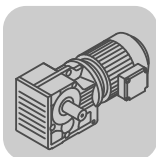
KT127..



K../T..



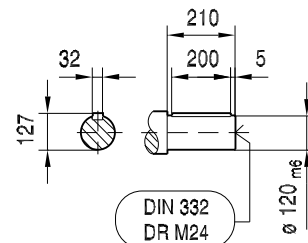
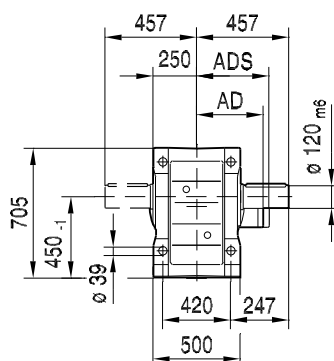
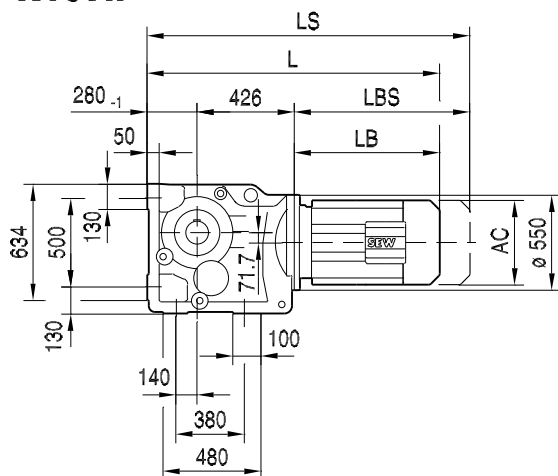
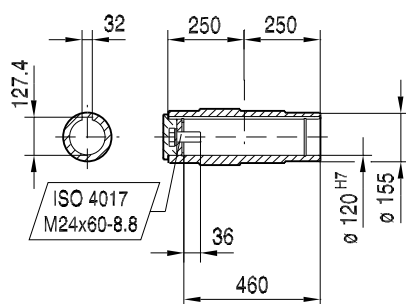
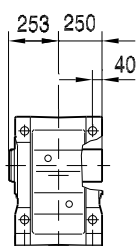
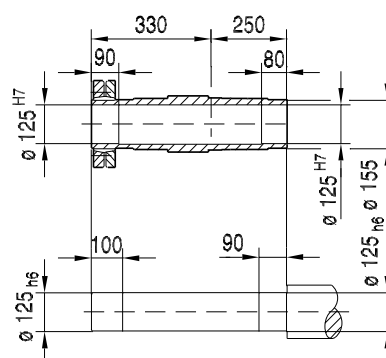
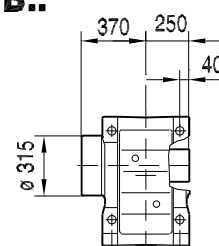
(→ 14)	DV132M	DV132ML	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
ADS	230	230	230	258	258	285	289	397	397		
L	996	1056	1056	1103	1175	1223	1305	1395	1395		
LS	1108	1168	1168	1259	1331	1379	1461	1580	1580		
LB	381	441	441	488	560	608	690	780	780		
LBS	493	553	553	644	716	764	846	965	965		



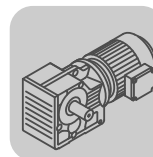
Helical-Bevel Gearmotors

Dimension sheets [mm]

34 010 03 00

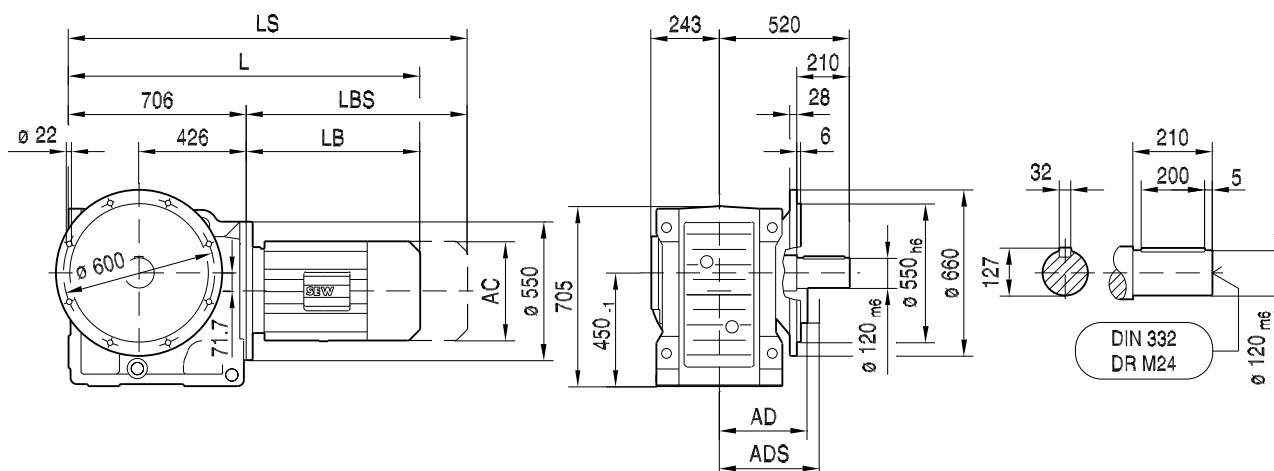
K157..**KA157B..****KH157B..**

(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1139	1186	1258	1306	1388	1477	1477	1705	1756		
LS	1251	1342	1414	1462	1544	1662	1662	1916	1967		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		



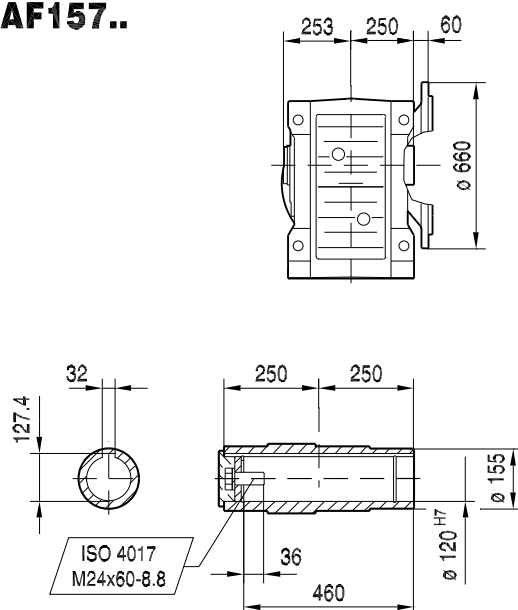
34 022 04 00

KF157..

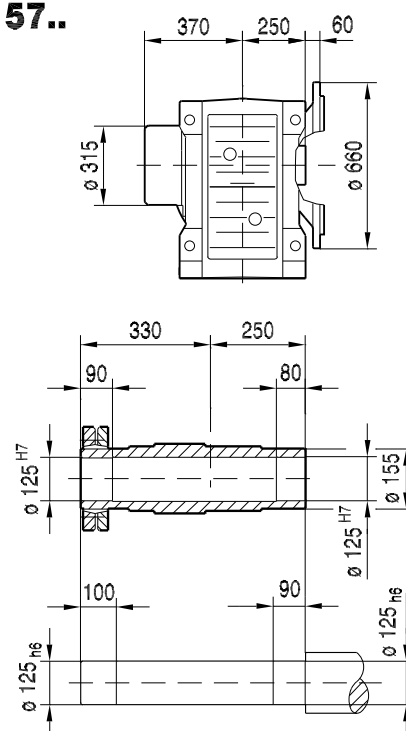


5

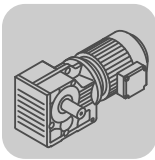
KAF157..



KHF157..



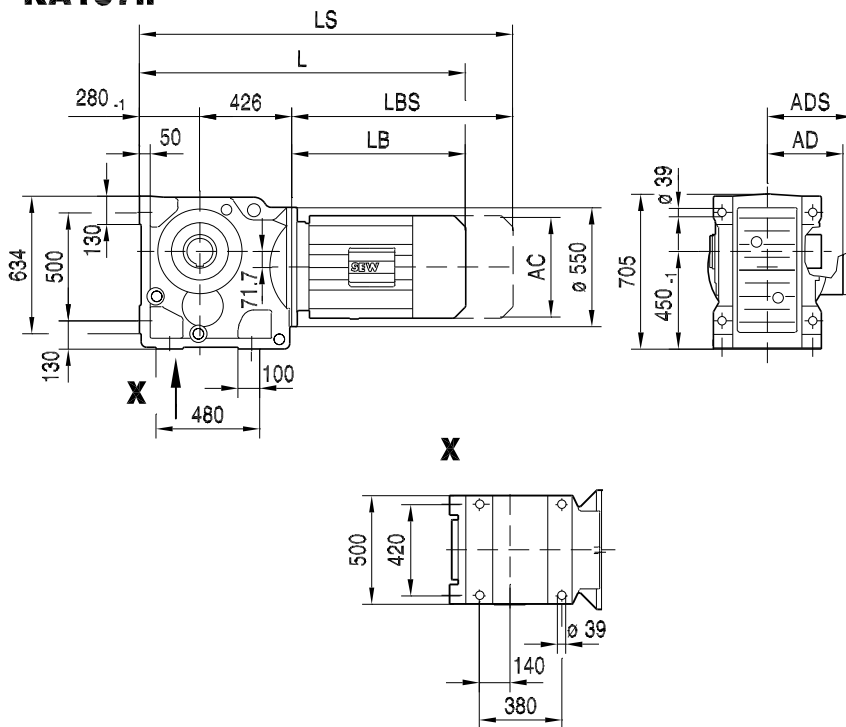
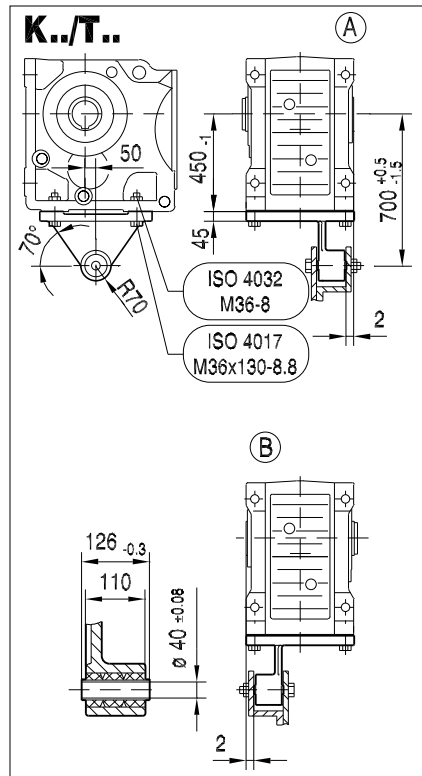
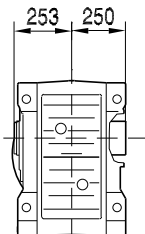
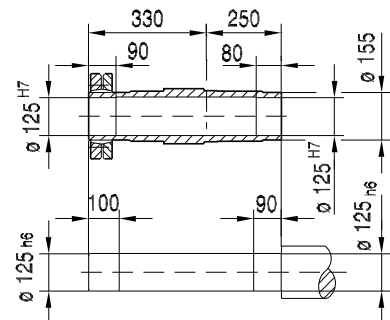
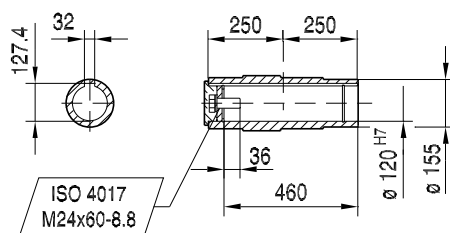
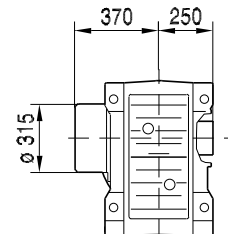
(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1139	1186	1258	1306	1388	1477	1477	1705	1756		
LS	1251	1342	1414	1462	1544	1662	1662	1916	1967		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		



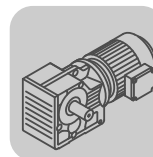
Helical-Bevel Gearmotors

Dimension sheets [mm]

39 010 04 00

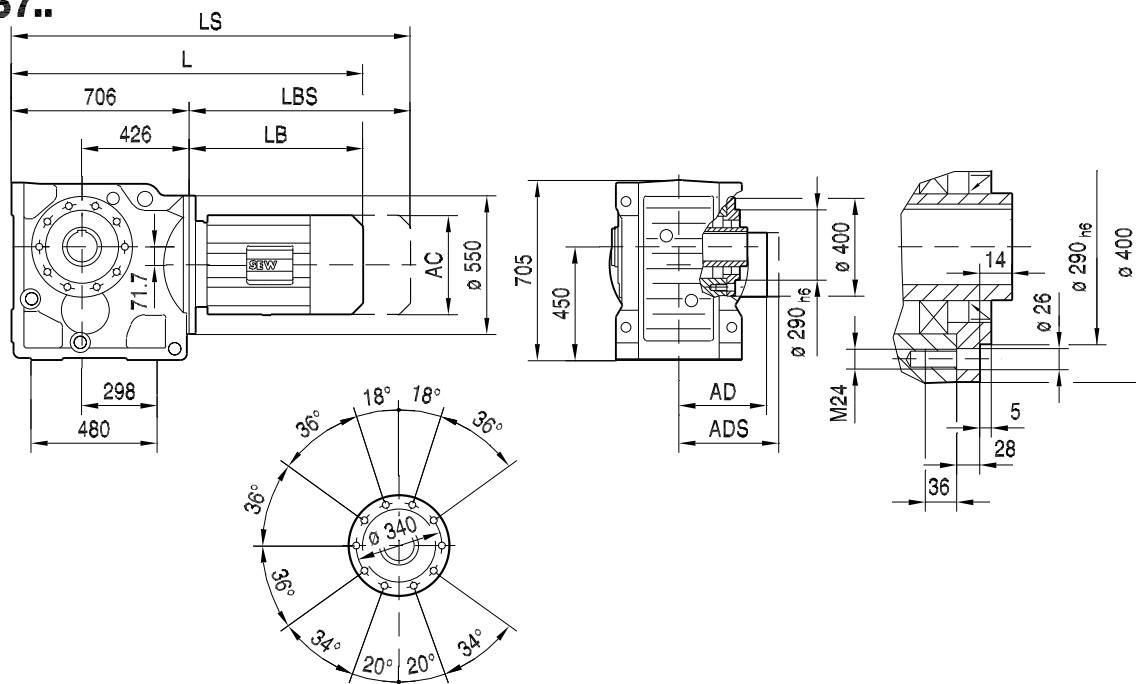
KA157..**K../T..****KA157..****KH157..**

(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1139	1186	1258	1306	1388	1477	1477	1705	1756		
LS	1251	1342	1414	1462	1544	1662	1662	1916	1967		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		

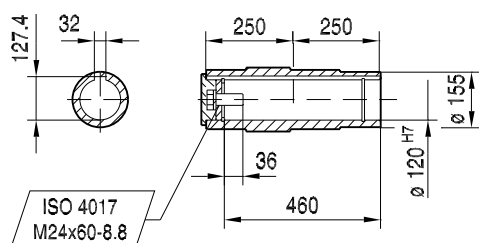
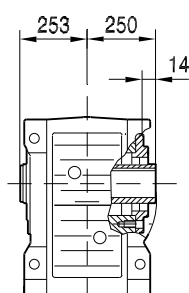


39 020 04 00

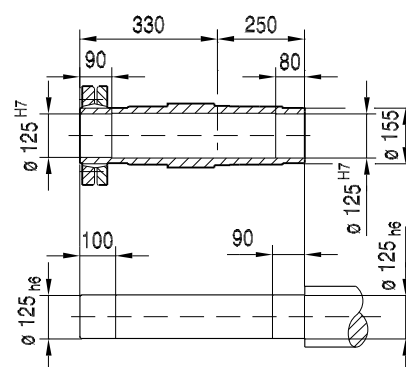
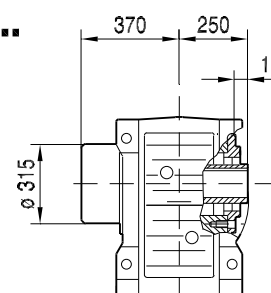
KAZ157..



KAZ157..



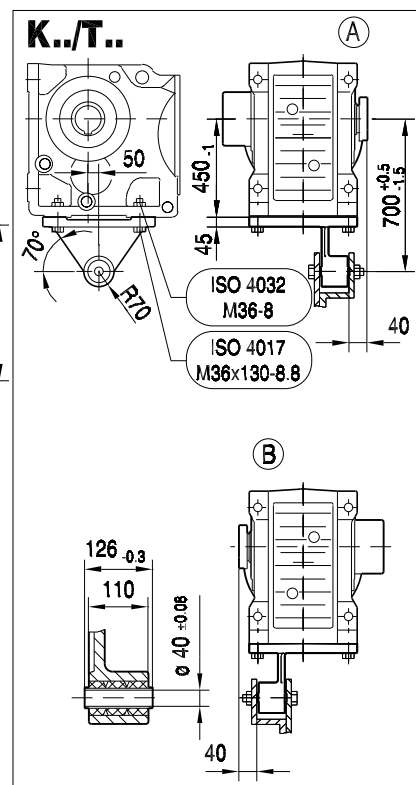
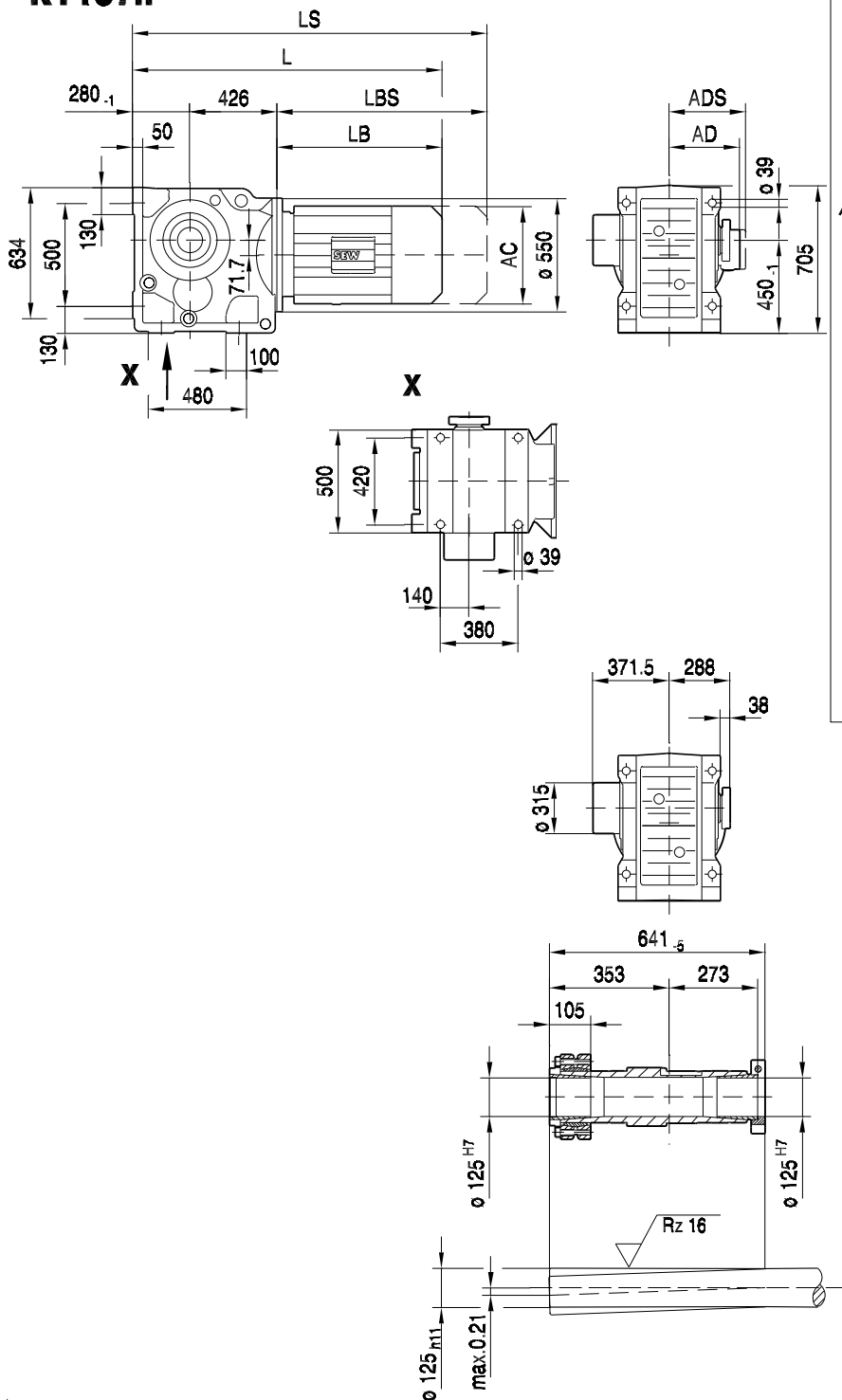
KHZ157..



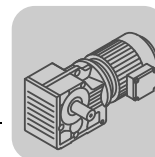
(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1139	1186	1258	1306	1388	1477	1477	1705	1756		
LS	1251	1342	1414	1462	1544	1662	1662	1916	1967		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		

33 131 00 05

KT157..

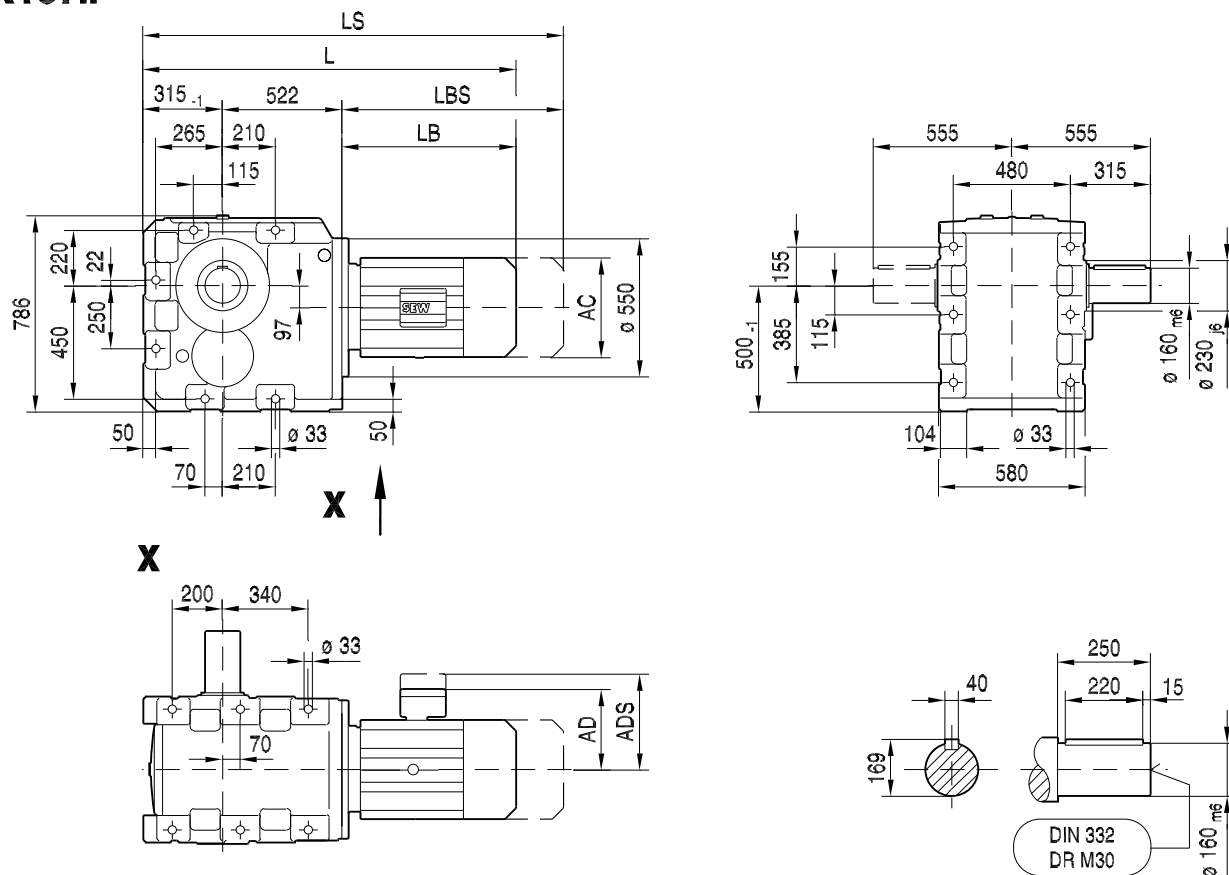


(⇒  14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1139	1186	1258	1306	1388	1477	1477	1705	1756		
LS	1251	1342	1414	1462	1544	1662	1662	1916	1967		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		

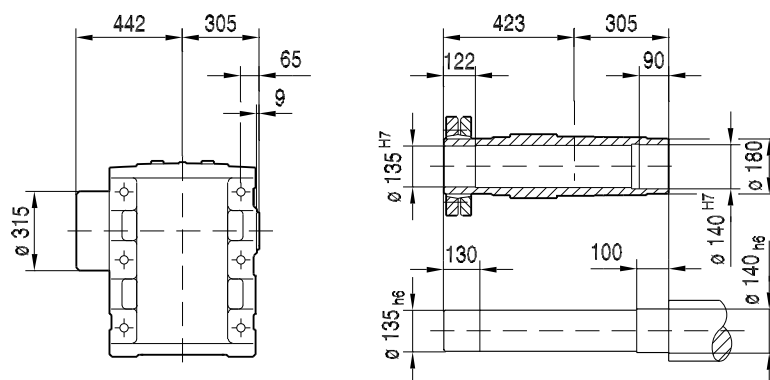


34 011 03 00

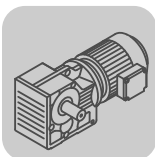
K167..



KH167B..



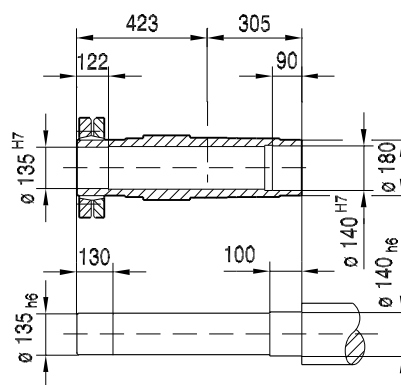
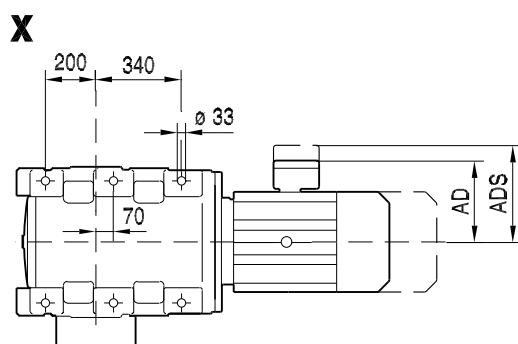
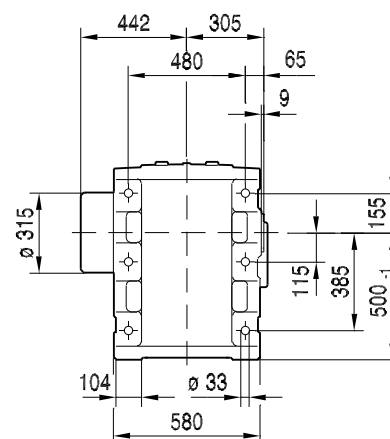
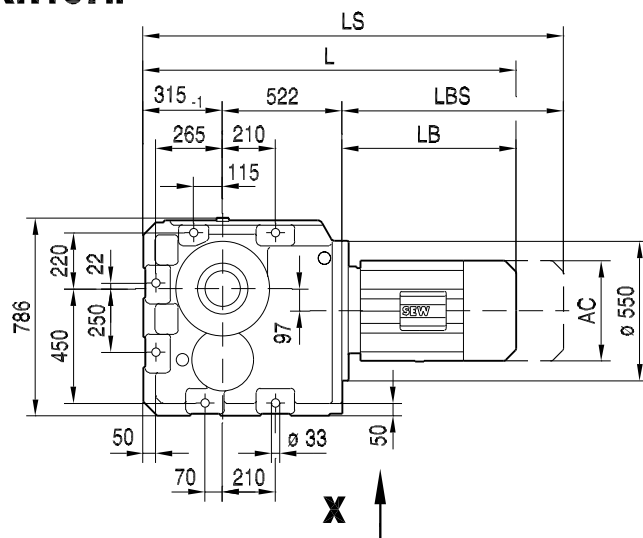
(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1270	1317	1389	1437	1519	1608	1608	1836	1887		
LS	1382	1473	1545	1593	1675	1793	1793	2047	2098		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		



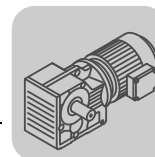
Helical-Bevel Gearmotors

Dimension sheets [mm]

39 021 03 00

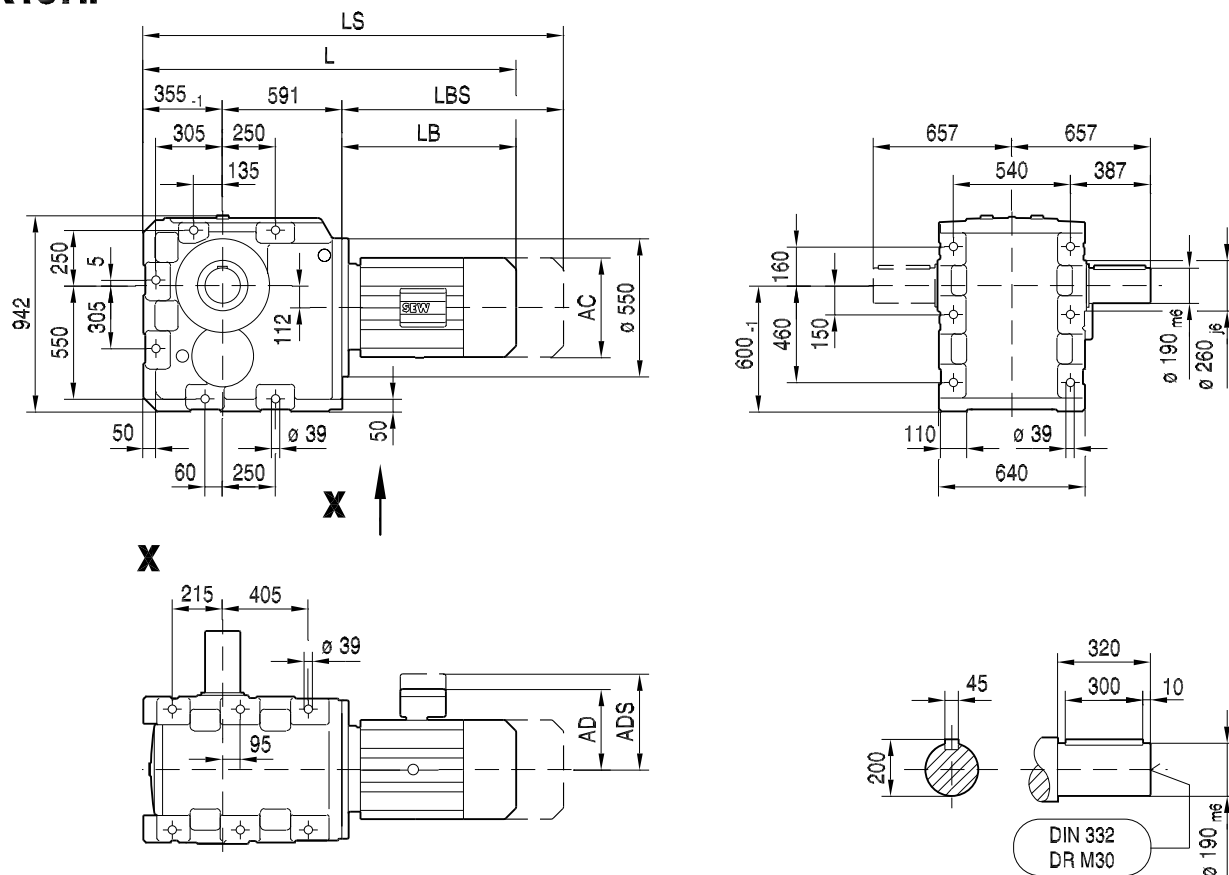
KH167..

(→ 14)	DV160M	DV160L	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
ADS	230	258	258	285	289	397	397	430	430		
L	1270	1317	1389	1437	1519	1608	1608	1836	1887		
LS	1382	1473	1545	1593	1675	1793	1793	2047	2098		
LB	433	480	552	600	682	771	771	999	1050		
LBS	545	636	708	756	838	956	956	1210	1261		

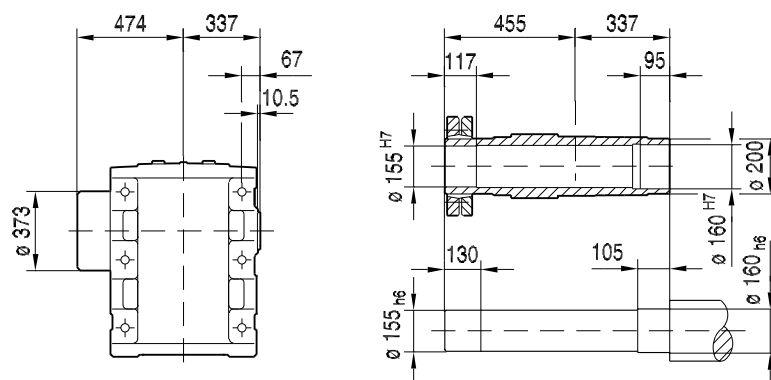


34 012 03 00

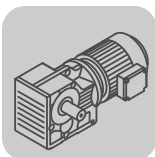
K187..



KH187B..



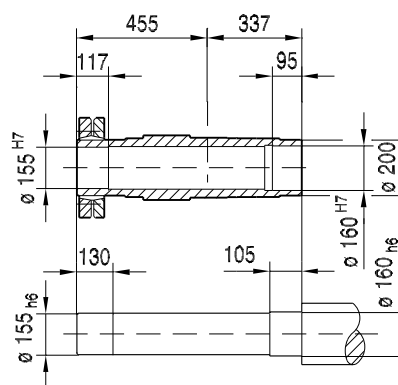
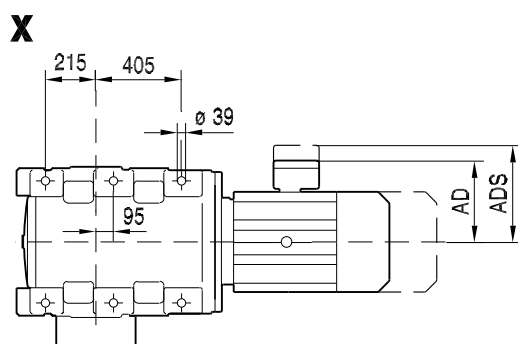
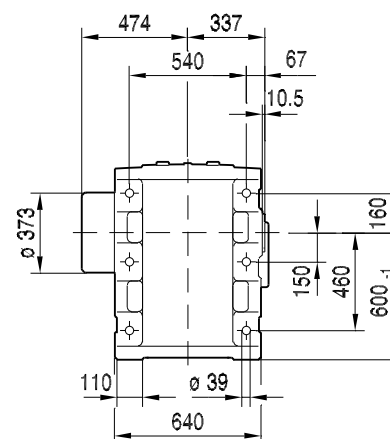
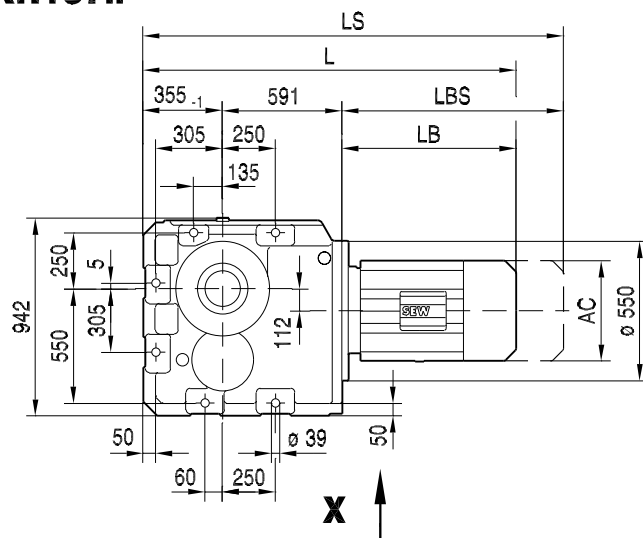
(→ 14)	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M				
AC	331	394	394	510	510	612	612				
AD	258	285	289	397	397	430	430				
ADS	258	285	289	397	397	430	430				
L	1498	1546	1628	1717	1717	1945	1996				
LS	1654	1702	1784	1902	1902	2156	2207				
LB	552	600	682	771	771	999	1050				
LBS	708	756	838	956	956	1210	1261				



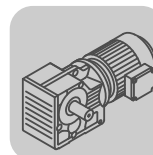
Helical-Bevel Gearmotors

Dimension sheets [mm]

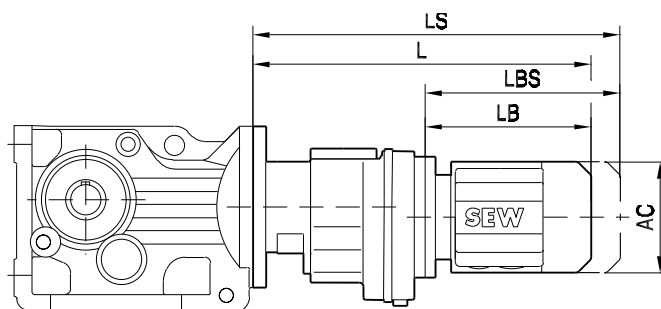
39 022 03 00

KH187..

(→ 14)	DV180..	DV200..	DV225..	DV250M	DV280..	D315S	D315M				
AC	331	394	394	510	510	612	612				
AD	258	285	289	397	397	430	430				
ADS	258	285	289	397	397	430	430				
L	1498	1546	1628	1717	1717	1945	1996				
LS	1654	1702	1784	1902	1902	2156	2207				
LB	552	600	682	771	771	999	1050				
LBS	708	756	838	956	956	1210	1261				

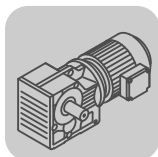


34 023 03 00



(→ 14)		AC	L	LS	LB	LBS
K..37R17	DR63..	132	324	379	149	204
	DT71D	145	339	403	164	228
	DT80..	145	389	453	214	278
K..47R37	DR63..	132	356	411	191	246
	DT71D	145	371	435	206	270
	DT80..	145	421	485	256	320
K..57R37 K..67R37	DR63..	132	356	411	191	246
	DT71D	145	371	435	206	270
	DT80..	145	421	485	256	320
	DT90..	197	441	526	276	361
K..77R37	DR63..	132	348	403	191	246
	DT71D	145	363	427	206	270
	DT80..	145	413	477	256	320
	DT90..	197	433	518	276	361
K..87R57	DR63..	132	401	456	185	240
	DT71D	145	415	479	199	263
	DT80..	145	465	529	249	313
	DT90..	197	485	570	269	354
	DV100M	197	535	620	319	404
	DV100L	197	565	650	349	434
K..97R57	DR63..	132	396	451	185	240
	DT71D	145	410	474	199	263
	DT80..	145	460	524	249	313
	DT90..	197	480	565	269	354
	DV100M	197	530	615	319	404
	DV100L	197	560	645	349	434
K..107R77	DV112M	221	565	645	354	434
	DR63..	132	426	481	179	234
	DT71D	145	440	504	193	257
	DT80..	145	490	554	243	307
	DT90..	197	508	593	261	346
	DV100M	197	558	643	311	396
	DV100L	197	588	673	341	426
	DV112M	221	592	672	345	425
	DV132S	221	637	717	390	470
	DV132M	275	659	771	412	524
	DV132ML	275	719	831	472	584
	DV160M	275	719	831	472	584

(→ 14)		AC	L	LS	LB	LBS
K..127R77	DR63..	132	411	466	179	234
	DT71D	145	425	489	193	257
	DT80..	145	475	539	243	307
	DT90..	197	493	578	261	346
	DV100M	197	543	628	311	396
	DV100L	197	573	658	341	426
	DV112M	221	577	657	345	425
	DV132S	221	622	702	390	470
	DV132M	275	644	756	412	524
	DV132ML	275	704	816	472	584
	DV160M	275	704	816	472	584
K..127R87	DT90..	197	537	622	257	342
	DV100M	197	587	672	307	392
	DV100L	197	617	702	337	422
	DV112M	221	620	700	340	420
	DV132S	221	665	745	385	465
	DV132M	275	687	799	407	519
	DV132ML	275	747	859	467	579
	DV160M	275	747	859	467	579
	DV160L	331	794	950	514	670
	DV180..	331	866	1022	586	742
K..157R97 K167R97 KH167BR97 K187R97 KH187BR97	DT80..	145	556	620	231	295
	DT90..	197	576	661	251	336
	DV100M	197	626	711	301	386
	DV100L	197	656	741	331	416
	DV112M	221	660	740	335	415
	DV132S	221	705	785	380	460
	DV132M	275	727	839	402	514
	DV132ML	275	787	899	462	574
	DV160M	275	787	899	462	574
	DV160L	331	834	990	509	665
K..157R107 K167R107 KH167BR107 K187R107 KH187BR107	DV180..	331	906	1062	581	737
	DV200..	394	954	1110	629	785
	DV100M	197	677	762	295	380
	DV100L	197	707	792	325	410
	DV112M	221	711	791	329	409
	DV132S	221	756	836	374	454
	DV132M	275	778	890	396	508
	DV132ML	275	838	950	456	568
	DV160M	275	838	950	456	568
	DV160L	331	885	1041	503	659
	DV180..	331	957	1113	575	731
	DV200..	394	1005	1161	623	779
	DV225..	394	1087	1243	705	861



Helical-Bevel Gearmotors

Dimension sheets [mm]
