

Bevel geared motors



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SIMOGEAR Geared Motors

Bevel geared motors

Orientation

SIMOGEAR bevel geared motor B

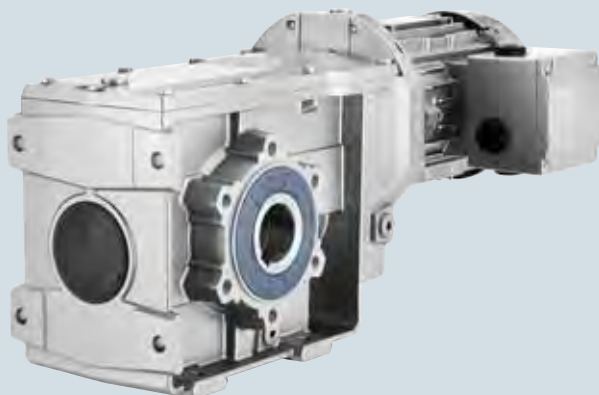


Fig. 5/2 Bevel geared motor B

SIMOGEAR bevel geared motor K

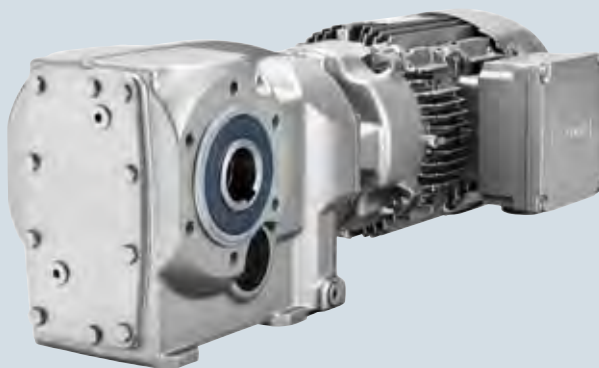


Fig. 5/3 Bevel geared motor K

SIMOGEAR bevel geared motors are available in the following versions for mounting in any position:

- 2 or 3 stages B/K
- Shaft-mounted design with torque arm BAD/KAD
- Flange-mounted design BF/KF
- Design with integrated housing flange BZ/KZ
- Foot-mounted design B/K
- Hollow-shaft design with feather key BA/KA
- Hollow-shaft design with splined shaft KAT
- Hollow-shaft design with shrink disk BAS/KAS
- Hollow-shaft design with SIMOLOC assembly system BADR/KADR
- Solid shaft design with feather key (at one end or both ends) B/K

For 2-stage bevel gearboxes B, the torque arm is supplied loose to enable it to be mounted as required on site. The position of the torque arm can be freely selected.

SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.09								
K.39-LA63MF6								
5.4	159	157.32	6 300	1.4	15	2KJ3504 - ■ BD11 - ■ J2	P01	
6.1	141	139.54	6 370	1.6	15	2KJ3504 - ■ BD11 - ■ H2	P01	
7.0	122	121.07	6 440	1.8	15	2KJ3504 - ■ BD11 - ■ G2	P01	
7.7	111	110.06	6 480	2.0	15	2KJ3504 - ■ BD11 - ■ F2	P01	
B.29-LA63MF6								
18	47	46.85	4 200	2.3	9	2KJ3501 - ■ BD11 - ■ B2	P01	
20	42	41.56	4 200	2.6	9	2KJ3501 - ■ BD11 - ■ A2	P01	
24	36	36.06	4 200	3.0	9	2KJ3501 - ■ BD11 - ■ X1	P01	
26	33	32.78	4 200	3.3	9	2KJ3501 - ■ BD11 - ■ W1	P01	
B.29-LA63MD4								
30	29	46.85	4 200	3.8	9	2KJ3501 - ■ BB11 - ■ B2		
34	26	41.56	4 200	4.3	9	2KJ3501 - ■ BB11 - ■ A2		
39	22	36.06	4 200	5.0	9	2KJ3501 - ■ BB11 - ■ X1		
43	20	32.78	4 200	5.5	9	2KJ3501 - ■ BB11 - ■ W1		
50	17	28.11	4 200	6.4	9	2KJ3501 - ■ BB11 - ■ V1		
55	16	25.56	4 200	7.0	9	2KJ3501 - ■ BB11 - ■ U1		
62	14	22.41	4 200	8.0	9	2KJ3501 - ■ BB11 - ■ T1		
70	12	20.00	4 200	9.0	9	2KJ3501 - ■ BB11 - ■ S1		
79	11	17.82	4 200	10	9	2KJ3501 - ■ BB11 - ■ R1		
85	10	16.45	4 200	11	9	2KJ3501 - ■ BB11 - ■ Q1		
97	8.8	14.40	4 200	12	9	2KJ3501 - ■ BB11 - ■ P1		
111	7.8	12.63	4 200	14	9	2KJ3501 - ■ BB11 - ■ N1		
B.19-LA63MF6								
20	43	42.10	1 910	1.2	8	2KJ3500 - ■ BD11 - ■ A2	P01	
23	38	37.28	1 910	1.3	8	2KJ3500 - ■ BD11 - ■ X1	P01	
26	33	32.39	1 910	1.5	8	2KJ3500 - ■ BD11 - ■ W1	P01	
29	30	29.44	1 910	1.7	8	2KJ3500 - ■ BD11 - ■ V1	P01	
B.19-LA63MD4								
33	26	42.10	1 910	1.9	8	2KJ3500 - ■ BB11 - ■ A2		
38	23	37.28	1 910	2.2	8	2KJ3500 - ■ BB11 - ■ X1		
43	20	32.39	1 910	2.5	8	2KJ3500 - ■ BB11 - ■ W1		
48	18	29.44	1 910	2.8	8	2KJ3500 - ■ BB11 - ■ V1		
56	15	25.06	1 910	3.2	8	2KJ3500 - ■ BB11 - ■ U1		
61	14	22.78	1 910	3.6	8	2KJ3500 - ■ BB11 - ■ T1		
70	12	19.86	1 910	4.1	8	2KJ3500 - ■ BB11 - ■ S1		
79	11	17.78	1 910	4.6	8	2KJ3500 - ■ BB11 - ■ R1		
89	9.7	15.79	1 910	5.2	8	2KJ3500 - ■ BB11 - ■ Q1		
96	8.9	14.57	1 910	5.6	8	2KJ3500 - ■ BB11 - ■ P1		
111	7.8	12.66	1 910	6.4	8	2KJ3500 - ■ BB11 - ■ N1		
127	6.8	11.00	1 910	7.4	8	2KJ3500 - ■ BB11 - ■ M1		
141	6.1	9.93	1 910	8.2	8	2KJ3500 - ■ BB11 - ■ L1		
150	5.7	9.35	1 910	8.7	8	2KJ3500 - ■ BB11 - ■ K1		
172	5.0	8.15	1 910	9.4	8	2KJ3500 - ■ BB11 - ■ J1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.09								
B.19-LA63MD4								
178		4.8	7.87	1 910	7.9	8	2KJ3500 - ■ BB11 - ■ ■ H1	
200		4.3	6.99	1 910	8.9	8	2KJ3500 - ■ BB11 - ■ ■ G1	
217		4.0	6.45	1 910	9.8	8	2KJ3500 - ■ BB11 - ■ ■ F1	
250		3.4	5.61	1 910	11	8	2KJ3500 - ■ BB11 - ■ ■ E1	
287		3.0	4.87	1 910	12	8	2KJ3500 - ■ BB11 - ■ ■ D1	
318		2.7	4.40	1 910	13	8	2KJ3500 - ■ BB11 - ■ ■ C1	
338		2.5	4.14	1 910	13	8	2KJ3500 - ■ BB11 - ■ ■ B1	
388		2.2	3.61	1 910	14	8	2KJ3500 - ■ BB11 - ■ ■ A1	
0.12								
K.49-LA63MG6								
5.0		225	200.25	8 770	1.8	22	2KJ3505 - ■ BE11 - ■ ■ J2	P01
5.6		200	178.06	8 850	2.1	22	2KJ3505 - ■ BE11 - ■ ■ H2	P01
K.39-LA63MG6								
6.4		180	157.32	6 230	1.2	15	2KJ3504 - ■ BE11 - ■ ■ J2	P01
7.2		160	139.54	6 300	1.4	15	2KJ3504 - ■ BE11 - ■ ■ H2	P01
8.3		139	121.07	6 380	1.6	15	2KJ3504 - ■ BE11 - ■ ■ G2	P01
K.49-LA63ME4								
8.6		134	157.32	6 400	1.6	15	2KJ3504 - ■ BC11 - ■ ■ J2	
9.7		118	139.54	6 460	1.9	15	2KJ3504 - ■ BC11 - ■ ■ H2	
11		103	121.07	6 510	2.1	15	2KJ3504 - ■ BC11 - ■ ■ G2	
B.29-LA63MG6								
21		54	46.85	4 200	2.0	9	2KJ3501 - ■ BE11 - ■ ■ B2	P01
24		48	41.56	4 200	2.3	9	2KJ3501 - ■ BE11 - ■ ■ A2	P01
28		41	36.06	4 200	2.7	9	2KJ3501 - ■ BE11 - ■ ■ X1	P01
B.29-LA63ME4								
29		40	46.85	4 200	2.8	9	2KJ3501 - ■ BC11 - ■ ■ B2	
32		35	41.56	4 200	3.1	9	2KJ3501 - ■ BC11 - ■ ■ A2	
37		31	36.06	4 200	3.6	9	2KJ3501 - ■ BC11 - ■ ■ X1	
41		28	32.78	4 200	4.0	9	2KJ3501 - ■ BC11 - ■ ■ W1	
48		24	28.11	4 200	4.6	9	2KJ3501 - ■ BC11 - ■ ■ V1	
53		22	25.56	4 200	5.1	9	2KJ3501 - ■ BC11 - ■ ■ U1	
60		19	22.41	4 200	5.8	9	2KJ3501 - ■ BC11 - ■ ■ T1	
68		17	20.00	4 200	6.5	9	2KJ3501 - ■ BC11 - ■ ■ S1	
76		15	17.82	4 200	7.3	9	2KJ3501 - ■ BC11 - ■ ■ R1	
82		14	16.45	4 200	7.9	9	2KJ3501 - ■ BC11 - ■ ■ Q1	
94		12	14.40	4 200	9.0	9	2KJ3501 - ■ BC11 - ■ ■ P1	
107		11	12.63	4 200	10	9	2KJ3501 - ■ BC11 - ■ ■ N1	
118		9.7	11.46	4 200	11	9	2KJ3501 - ■ BC11 - ■ ■ M1	
125		9.2	10.78	4 200	12	9	2KJ3501 - ■ BC11 - ■ ■ L1	
142		8.1	9.51	4 200	14	9	2KJ3501 - ■ BC11 - ■ ■ K1	
172		6.7	7.84	4 150	11	9	2KJ3501 - ■ BC11 - ■ ■ H1	
183		6.3	7.38	4 070	12	9	2KJ3501 - ■ BC11 - ■ ■ G1	
207		5.5	6.51	3 900	14	9	2KJ3501 - ■ BC11 - ■ ■ F1	

Article No. supplement

Shaft design **1, 5, 6, 7 or 9**

Frequency and voltage **2 or 9**

Gearbox mounting type **A, D, F or H**

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.12								
B.19-LA63MG6								
24	48	42.10	1 910	1.0	8	2KJ3500 - ■ BE11 - ■ ■ A2	P01	
27	43	37.28	1 910	1.2	8	2KJ3500 - ■ BE11 - ■ ■ X1	P01	
31	37	32.39	1 910	1.3	8	2KJ3500 - ■ BE11 - ■ ■ W1	P01	
B.19-LA63ME4								
32	36	42.10	1 910	1.4	8	2KJ3500 - ■ BC11 - ■ ■ A2		
36	32	37.28	1 910	1.6	8	2KJ3500 - ■ BC11 - ■ ■ X1		
42	28	32.39	1 910	1.8	8	2KJ3500 - ■ BC11 - ■ ■ W1		
46	25	29.44	1 910	2.0	8	2KJ3500 - ■ BC11 - ■ ■ V1		
54	21	25.06	1 910	2.4	8	2KJ3500 - ■ BC11 - ■ ■ U1		
59	19	22.78	1 910	2.6	8	2KJ3500 - ■ BC11 - ■ ■ T1		
68	17	19.86	1 910	3.0	8	2KJ3500 - ■ BC11 - ■ ■ S1		
76	15	17.78	1 910	3.3	8	2KJ3500 - ■ BC11 - ■ ■ R1		
85	13	15.79	1 910	3.7	8	2KJ3500 - ■ BC11 - ■ ■ Q1		
93	12	14.57	1 910	4.0	8	2KJ3500 - ■ BC11 - ■ ■ P1		
107	11	12.66	1 910	4.7	8	2KJ3500 - ■ BC11 - ■ ■ N1		
123	9.3	11.00	1 910	5.4	8	2KJ3500 - ■ BC11 - ■ ■ M1		
136	8.4	9.93	1 910	5.9	8	2KJ3500 - ■ BC11 - ■ ■ L1		
144	7.9	9.35	1 910	6.3	8	2KJ3500 - ■ BC11 - ■ ■ K1		
166	6.9	8.15	1 910	6.8	8	2KJ3500 - ■ BC11 - ■ ■ J1		
172	6.7	7.87	1 910	5.7	8	2KJ3500 - ■ BC11 - ■ ■ H1		
193	5.9	6.99	1 910	6.4	8	2KJ3500 - ■ BC11 - ■ ■ G1		
209	5.5	6.45	1 910	7.1	8	2KJ3500 - ■ BC11 - ■ ■ F1		
241	4.8	5.61	1 910	7.8	8	2KJ3500 - ■ BC11 - ■ ■ E1		
277	4.1	4.87	1 910	8.5	8	2KJ3500 - ■ BC11 - ■ ■ D1		
307	3.7	4.40	1 910	9.1	8	2KJ3500 - ■ BC11 - ■ ■ C1		
326	3.5	4.14	1 910	9.4	8	2KJ3500 - ■ BC11 - ■ ■ B1		
374	3.1	3.61	1 910	10	8	2KJ3500 - ■ BC11 - ■ ■ A1		
0.18								
K.79-LA71MG6								
3.5	490	244.25	14 400	1.7	35	2KJ3508 - ■ CD11 - ■ ■ J2	P01	
3.8	445	222.05	14 400	1.8	35	2KJ3508 - ■ CD11 - ■ ■ H2	P01	
K.69-LA71MG6								
4.3	395	196.59	11 300	1.5	30	2KJ3507 - ■ CD11 - ■ ■ H2	P01	
4.8	360	178.72	11 400	1.7	30	2KJ3507 - ■ CD11 - ■ ■ G2	P01	
5.6	305	152.00	11 500	2.0	30	2KJ3507 - ■ CD11 - ■ ■ F2	P01	
6.2	275	138.18	11 600	2.1	30	2KJ3507 - ■ CD11 - ■ ■ E2	P01	
K.49-LA71MG6								
4.2	405	200.25	7 940	1.0	23	2KJ3505 - ■ CD11 - ■ ■ J2	P01	
4.8	360	178.06	8 290	1.2	23	2KJ3505 - ■ CD11 - ■ ■ H2	P01	
5.4	315	156.34	8 510	1.3	23	2KJ3505 - ■ CD11 - ■ ■ G2	P01	
6.0	285	142.13	8 600	1.5	23	2KJ3505 - ■ CD11 - ■ ■ F2	P01	
K.49-LA63MF4								
6.7	255	200.25	8 690	1.6	22	2KJ3505 - ■ BD11 - ■ ■ J2		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.18								
K.49-LA63MF4								
7.6	225	178.06		8 770	1.9	22	2KJ3505 - ■ BD11 - ■ ■ H2	
8.6	199	156.34		8 850	2.1	22	2KJ3505 - ■ BD11 - ■ ■ G2	
K.39-LA71MG6								
7.0	245	121.07		5 980	0.90	16	2KJ3504 - ■ CD11 - ■ ■ G2	P01
7.7	220	110.06		6 080	0.99	16	2KJ3504 - ■ CD11 - ■ ■ F2	P01
K.39-LA63MF4								
8.6	200	157.32		6 150	1.1	15	2KJ3504 - ■ BD11 - ■ ■ J2	
9.7	178	139.54		6 230	1.2	15	2KJ3504 - ■ BD11 - ■ ■ H2	
11	154	121.07		6 320	1.4	15	2KJ3504 - ■ BD11 - ■ ■ G2	
12	140	110.06		6 370	1.6	15	2KJ3504 - ■ BD11 - ■ ■ F2	
14	120	94.39		6 450	1.8	15	2KJ3504 - ■ BD11 - ■ ■ E2	
16	109	85.81		6 490	2.0	15	2KJ3504 - ■ BD11 - ■ ■ D2	
18	96	75.24		6 530	2.3	15	2KJ3504 - ■ BD11 - ■ ■ C2	
B.39-LA71MG6								
15	114	56.36		6 980	2.2	15	2KJ3502 - ■ CD11 - ■ ■ A2	P01
17	101	50.11		6 980	2.1	15	2KJ3502 - ■ CD11 - ■ ■ X1	P01
B.29-LA71MG6								
18	95	46.85		4 200	1.2	10	2KJ3501 - ■ CD11 - ■ ■ B2	P01
20	84	41.56		4 200	1.3	10	2KJ3501 - ■ CD11 - ■ ■ A2	P01
24	73	36.06		4 200	1.5	10	2KJ3501 - ■ CD11 - ■ ■ X1	P01
26	66	32.78		4 200	1.7	10	2KJ3501 - ■ CD11 - ■ ■ W1	P01
B.29-LA63MF4								
29	60	46.85		4 200	1.8	9	2KJ3501 - ■ BD11 - ■ ■ B2	
32	53	41.56		4 200	2.1	9	2KJ3501 - ■ BD11 - ■ ■ A2	
37	46	36.06		4 200	2.4	9	2KJ3501 - ■ BD11 - ■ ■ X1	
41	42	32.78		4 200	2.6	9	2KJ3501 - ■ BD11 - ■ ■ W1	
48	36	28.11		4 200	3.1	9	2KJ3501 - ■ BD11 - ■ ■ V1	
53	32	25.56		4 200	3.4	9	2KJ3501 - ■ BD11 - ■ ■ U1	
60	28	22.41		4 200	3.9	9	2KJ3501 - ■ BD11 - ■ ■ T1	
68	26	20.00		4 200	4.3	9	2KJ3501 - ■ BD11 - ■ ■ S1	
76	23	17.82		4 200	4.8	9	2KJ3501 - ■ BD11 - ■ ■ R1	
82	21	16.45		4 200	5.3	9	2KJ3501 - ■ BD11 - ■ ■ Q1	
94	18	14.40		4 200	6.0	9	2KJ3501 - ■ BD11 - ■ ■ P1	
107	16	12.63		4 200	6.8	9	2KJ3501 - ■ BD11 - ■ ■ N1	
118	15	11.46		4 200	7.5	9	2KJ3501 - ■ BD11 - ■ ■ M1	
125	14	10.78		4 200	8.0	9	2KJ3501 - ■ BD11 - ■ ■ L1	
142	12	9.51		4 200	9.1	9	2KJ3501 - ■ BD11 - ■ ■ K1	
164	10	8.25		4 200	10	9	2KJ3501 - ■ BD11 - ■ ■ J1	
172	10	7.84		4 110	7.5	9	2KJ3501 - ■ BD11 - ■ ■ H1	
183	9.4	7.38		4 040	8.0	9	2KJ3501 - ■ BD11 - ■ ■ G1	
207	8.3	6.51		3 880	9.0	9	2KJ3501 - ■ BD11 - ■ ■ F1	
239	7.2	5.65		3 700	10	9	2KJ3501 - ■ BD11 - ■ ■ E1	

Article No. supplement

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Geared motors up to 55 kW

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P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.18								
B.29-LA63MF4								
266		6.5	5.07	3 590	12	9	2KJ3501 - ■ BD11 - ■ ■ D1	
282		6.1	4.78	3 520	12	9	2KJ3501 - ■ BD11 - ■ ■ C1	
321		5.4	4.21	3 380	14	9	2KJ3501 - ■ BD11 - ■ ■ B1	
B.19-LA71MG6								
29		60	29.44	1 910	0.84	9	2KJ3500 - ■ CD11 - ■ ■ V1	P01
B.19-LA63MF4								
32		54	42.10	1 910	0.93	8	2KJ3500 - ■ BD11 - ■ ■ A2	
36		48	37.28	1 910	1.1	8	2KJ3500 - ■ BD11 - ■ ■ X1	
42		41	32.39	1 910	1.2	8	2KJ3500 - ■ BD11 - ■ ■ W1	
46		38	29.44	1 910	1.3	8	2KJ3500 - ■ BD11 - ■ ■ V1	
54		32	25.06	1 910	1.6	8	2KJ3500 - ■ BD11 - ■ ■ U1	
59		29	22.78	1 910	1.7	8	2KJ3500 - ■ BD11 - ■ ■ T1	
68		25	19.86	1 910	2.0	8	2KJ3500 - ■ BD11 - ■ ■ S1	
76		23	17.78	1 910	2.2	8	2KJ3500 - ■ BD11 - ■ ■ R1	
85		20	15.79	1 910	2.5	8	2KJ3500 - ■ BD11 - ■ ■ Q1	
93		19	14.57	1 910	2.7	8	2KJ3500 - ■ BD11 - ■ ■ P1	
107		16	12.66	1 910	3.1	8	2KJ3500 - ■ BD11 - ■ ■ N1	
123		14	11.00	1 910	3.6	8	2KJ3500 - ■ BD11 - ■ ■ M1	
136		13	9.93	1 910	4.0	8	2KJ3500 - ■ BD11 - ■ ■ L1	
144		12	9.35	1 910	4.2	8	2KJ3500 - ■ BD11 - ■ ■ K1	
166		10	8.15	1 910	4.5	8	2KJ3500 - ■ BD11 - ■ ■ J1	
172		10	7.87	1 910	3.8	8	2KJ3500 - ■ BD11 - ■ ■ H1	
193		8.9	6.99	1 910	4.3	8	2KJ3500 - ■ BD11 - ■ ■ G1	
209		8.2	6.45	1 910	4.7	8	2KJ3500 - ■ BD11 - ■ ■ F1	
241		7.1	5.61	1 910	5.2	8	2KJ3500 - ■ BD11 - ■ ■ E1	
277		6.2	4.87	1 910	5.6	8	2KJ3500 - ■ BD11 - ■ ■ D1	
307		5.6	4.40	1 910	6.1	8	2KJ3500 - ■ BD11 - ■ ■ C1	
326		5.3	4.14	1 910	6.3	8	2KJ3500 - ■ BD11 - ■ ■ B1	
374		4.6	3.61	1 910	6.7	8	2KJ3500 - ■ BD11 - ■ ■ A1	
0.25								
K.79-LA71MH6								
3.5		675	244.25	14 200	1.2	37	2KJ3508 - ■ CE11 - ■ ■ J2	P01
3.9		615	222.05	14 300	1.3	37	2KJ3508 - ■ CE11 - ■ ■ H2	P01
4.6		520	188.85	14 400	1.6	37	2KJ3508 - ■ CE11 - ■ ■ G2	P01
5.0		475	171.69	14 400	1.7	37	2KJ3508 - ■ CE11 - ■ ■ F2	P01
K.79-LA71MG4								
5.5		430	244.25	14 400	1.9	35	2KJ3508 - ■ CD11 - ■ ■ J2	
6.1		390	222.05	14 400	2.1	35	2KJ3508 - ■ CD11 - ■ ■ H2	
K.69-LA71MH6								
4.4		545	196.59	10 900	1.1	32	2KJ3507 - ■ CE11 - ■ ■ H2	P01
4.8		495	178.72	11 100	1.2	32	2KJ3507 - ■ CE11 - ■ ■ G2	P01
5.7		420	152.00	11 200	1.4	32	2KJ3507 - ■ CE11 - ■ ■ F2	P01
6.2		380	138.18	11 300	1.6	32	2KJ3507 - ■ CE11 - ■ ■ E2	P01

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.25								
K.69-LA71MG4								
6.9	345	196.59	11 400	1.7	30	2KJ3507	- ■ CD11 - ■ ■ H2	
7.6	315	178.72	11 500	1.9	30	2KJ3507	- ■ CD11 - ■ ■ G2	
K.49-LA71MH6								
4.8	490	178.06	7 270	0.85	25	2KJ3505	- ■ CE11 - ■ ■ H2	P01
5.5	430	156.34	7 740	0.97	25	2KJ3505	- ■ CE11 - ■ ■ G2	P01
6.1	395	142.13	8 020	1.1	25	2KJ3505	- ■ CE11 - ■ ■ F2	P01
K.49-LA71MG4								
6.7	350	200.25	8 370	1.2	23	2KJ3505	- ■ CD11 - ■ ■ J2	
7.6	315	178.06	8 510	1.3	23	2KJ3505	- ■ CD11 - ■ ■ H2	
8.6	275	156.34	8 630	1.5	23	2KJ3505	- ■ CD11 - ■ ■ G2	
9.5	250	142.13	8 700	1.7	23	2KJ3505	- ■ CD11 - ■ ■ F2	
11	215	121.60	8 800	2.0	23	2KJ3505	- ■ CD11 - ■ ■ E2	
12	196	110.55	8 860	2.1	23	2KJ3505	- ■ CD11 - ■ ■ D2	
K.39-LA71MG4								
9.7	245	139.54	5 980	0.89	16	2KJ3504	- ■ CD11 - ■ ■ H2	
11	210	121.07	6 110	1.0	16	2KJ3504	- ■ CD11 - ■ ■ G2	
12	195	110.06	6 170	1.1	16	2KJ3504	- ■ CD11 - ■ ■ F2	
14	167	94.39	6 270	1.3	16	2KJ3504	- ■ CD11 - ■ ■ E2	
16	152	85.81	6 330	1.4	16	2KJ3504	- ■ CD11 - ■ ■ D2	
18	133	75.24	6 400	1.7	16	2KJ3504	- ■ CD11 - ■ ■ C2	
20	119	67.16	6 450	1.9	16	2KJ3504	- ■ CD11 - ■ ■ B2	
23	106	59.85	6 500	2.1	16	2KJ3504	- ■ CD11 - ■ ■ A2	
24	98	55.25	6 530	2.3	16	2KJ3504	- ■ CD11 - ■ ■ X1	
B.39-LA71MH6								
15	156	56.36	6 980	1.6	17	2KJ3502	- ■ CE11 - ■ ■ A2	P01
17	139	50.11	6 980	1.5	17	2KJ3502	- ■ CE11 - ■ ■ X1	P01
20	122	44.00	6 980	2.0	17	2KJ3502	- ■ CE11 - ■ ■ W1	P01
22	111	40.00	6 980	2.1	17	2KJ3502	- ■ CE11 - ■ ■ V1	P01
B.39-LA71MG4								
27	89	50.11	6 980	2.4	15	2KJ3502	- ■ CD11 - ■ ■ X1	
B.29-LA71MH6								
18	130	46.85	4 030	0.85	12	2KJ3501	- ■ CE11 - ■ ■ B2	P01
21	115	41.56	4 110	0.95	12	2KJ3501	- ■ CE11 - ■ ■ A2	P01
24	100	36.06	4 190	1.1	12	2KJ3501	- ■ CE11 - ■ ■ X1	P01
26	91	32.78	4 200	1.2	12	2KJ3501	- ■ CE11 - ■ ■ W1	P01
B.29-LA71MG4								
29	83	46.85	4 200	1.3	10	2KJ3501	- ■ CD11 - ■ ■ B2	
32	74	41.56	4 200	1.5	10	2KJ3501	- ■ CD11 - ■ ■ A2	
37	64	36.06	4 200	1.7	10	2KJ3501	- ■ CD11 - ■ ■ X1	
41	58	32.78	4 200	1.9	10	2KJ3501	- ■ CD11 - ■ ■ W1	
48	50	28.11	4 200	2.2	10	2KJ3501	- ■ CD11 - ■ ■ V1	
53	45	25.56	4 200	2.4	10	2KJ3501	- ■ CD11 - ■ ■ U1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.25								
B.29-LA71MG4								
	60	40	22.41	4 200	2.8	10	2KJ3501 - ■ CD11 - ■ ■ T1	
	68	35	20.00	4 200	3.1	10	2KJ3501 - ■ CD11 - ■ ■ S1	
	76	32	17.82	4 200	3.5	10	2KJ3501 - ■ CD11 - ■ ■ R1	
	82	29	16.45	4 200	3.8	10	2KJ3501 - ■ CD11 - ■ ■ Q1	
	94	26	14.40	4 200	4.3	10	2KJ3501 - ■ CD11 - ■ ■ P1	
	107	22	12.63	4 200	4.9	10	2KJ3501 - ■ CD11 - ■ ■ N1	
	118	20	11.46	4 200	5.4	10	2KJ3501 - ■ CD11 - ■ ■ M1	
	125	19	10.78	4 200	5.8	10	2KJ3501 - ■ CD11 - ■ ■ L1	
	142	17	9.51	4 200	6.5	10	2KJ3501 - ■ CD11 - ■ ■ K1	
	164	15	8.25	4 150	7.5	10	2KJ3501 - ■ CD11 - ■ ■ J1	
	172	14	7.84	4 070	5.4	10	2KJ3501 - ■ CD11 - ■ ■ H1	
	183	13	7.38	4 000	5.7	10	2KJ3501 - ■ CD11 - ■ ■ G1	
	207	12	6.51	3 840	6.5	10	2KJ3501 - ■ CD11 - ■ ■ F1	
	239	10	5.65	3 680	7.5	10	2KJ3501 - ■ CD11 - ■ ■ E1	
	266	9.0	5.07	3 570	8.3	10	2KJ3501 - ■ CD11 - ■ ■ D1	
	282	8.5	4.78	3 500	8.8	10	2KJ3501 - ■ CD11 - ■ ■ C1	
	321	7.4	4.21	3 360	9.9	10	2KJ3501 - ■ CD11 - ■ ■ B1	
	370	6.5	3.65	3 210	11	10	2KJ3501 - ■ CD11 - ■ ■ A1	
B.19-LA71MG4								
	42	57	32.39	1 910	0.87	9	2KJ3500 - ■ CD11 - ■ ■ W1	
	46	52	29.44	1 910	0.96	9	2KJ3500 - ■ CD11 - ■ ■ V1	
	54	44	25.06	1 910	1.1	9	2KJ3500 - ■ CD11 - ■ ■ U1	
	59	40	22.78	1 910	1.2	9	2KJ3500 - ■ CD11 - ■ ■ T1	
	68	35	19.86	1 910	1.4	9	2KJ3500 - ■ CD11 - ■ ■ S1	
	76	31	17.78	1 910	1.6	9	2KJ3500 - ■ CD11 - ■ ■ R1	
	85	28	15.79	1 910	1.8	9	2KJ3500 - ■ CD11 - ■ ■ Q1	
	93	26	14.57	1 910	1.9	9	2KJ3500 - ■ CD11 - ■ ■ P1	
	107	22	12.66	1 910	2.2	9	2KJ3500 - ■ CD11 - ■ ■ N1	
	123	20	11.00	1 910	2.6	9	2KJ3500 - ■ CD11 - ■ ■ M1	
	136	18	9.93	1 910	2.8	9	2KJ3500 - ■ CD11 - ■ ■ L1	
	144	16	9.35	1 910	3.0	9	2KJ3500 - ■ CD11 - ■ ■ K1	
	166	14	8.15	1 910	3.3	9	2KJ3500 - ■ CD11 - ■ ■ J1	
	172	14	7.87	1 910	2.7	9	2KJ3500 - ■ CD11 - ■ ■ H1	
	193	12	6.99	1 910	3.1	9	2KJ3500 - ■ CD11 - ■ ■ G1	
	209	11	6.45	1 910	3.4	9	2KJ3500 - ■ CD11 - ■ ■ F1	
	241	9.9	5.61	1 910	3.7	9	2KJ3500 - ■ CD11 - ■ ■ E1	
	277	8.6	4.87	1 910	4.1	9	2KJ3500 - ■ CD11 - ■ ■ D1	
	307	7.8	4.40	1 910	4.4	9	2KJ3500 - ■ CD11 - ■ ■ C1	
	326	7.3	4.14	1 910	4.5	9	2KJ3500 - ■ CD11 - ■ ■ B1	
	374	6.4	3.61	1 910	4.9	9	2KJ3500 - ■ CD11 - ■ ■ A1	
0.37								
K.89-LE80MD6E								
	3.9	900	231.80	18 100	1.8	62	2KJ3510 - ■ DC22 - ■ ■ K2	P01
	4.3	815	210.72	18 100	2.0	62	2KJ3510 - ■ DC22 - ■ ■ J2	P01

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.37								
K.79-LE80MD6E								
	3.7	945	244.25	13 700	0.86	39	2KJ3508 - ■ DC22 - ■ ■ J2	P01
	4.1	860	222.05	13 800	0.95	39	2KJ3508 - ■ DC22 - ■ ■ H2	P01
	4.8	730	188.85	14 100	1.1	39	2KJ3508 - ■ DC22 - ■ ■ G2	P01
	5.3	665	171.69	14 200	1.2	39	2KJ3508 - ■ DC22 - ■ ■ F2	P01
K.79-LA71MH4								
	5.6	630	244.25	14 300	1.3	37	2KJ3508 - ■ CE11 - ■ ■ J2	
	6.2	570	222.05	14 400	1.4	37	2KJ3508 - ■ CE11 - ■ ■ H2	
	7.3	485	188.85	14 400	1.7	37	2KJ3508 - ■ CE11 - ■ ■ G2	
	8.0	440	171.69	14 400	1.9	37	2KJ3508 - ■ CE11 - ■ ■ F2	
	8.9	395	153.18	14 400	2.1	37	2KJ3508 - ■ CE11 - ■ ■ E2	
K.69-LE80MD6E								
	5.1	690	178.72	10 300	0.86	34	2KJ3507 - ■ DC22 - ■ ■ G2	P01
	6.0	590	152.00	10 800	1.0	34	2KJ3507 - ■ DC22 - ■ ■ F2	P01
	6.6	535	138.18	11 000	1.1	34	2KJ3507 - ■ DC22 - ■ ■ E2	P01
K.69-LA71MH4								
	7.0	505	196.59	11 000	1.2	32	2KJ3507 - ■ CE11 - ■ ■ H2	
	7.7	460	178.72	11 100	1.3	32	2KJ3507 - ■ CE11 - ■ ■ G2	
	9.0	390	152.00	11 300	1.5	32	2KJ3507 - ■ CE11 - ■ ■ F2	
	9.9	355	138.18	11 400	1.7	32	2KJ3507 - ■ CE11 - ■ ■ E2	
	11	315	123.29	11 500	1.9	32	2KJ3507 - ■ CE11 - ■ ■ D2	
	12	285	110.55	11 600	2.1	32	2KJ3507 - ■ CE11 - ■ ■ C2	
K.49-LA71MH4								
	6.8	515	200.25	7 080	0.81	25	2KJ3505 - ■ CE11 - ■ ■ J2	
	7.7	455	178.06	7 550	0.91	25	2KJ3505 - ■ CE11 - ■ ■ H2	
	8.8	400	156.34	7 980	1.0	25	2KJ3505 - ■ CE11 - ■ ■ G2	
	9.6	365	142.13	8 250	1.1	25	2KJ3505 - ■ CE11 - ■ ■ F2	
	11	310	121.60	8 530	1.3	25	2KJ3505 - ■ CE11 - ■ ■ E2	
	12	285	110.55	8 600	1.5	25	2KJ3505 - ■ CE11 - ■ ■ D2	
	14	250	97.71	8 700	1.7	25	2KJ3505 - ■ CE11 - ■ ■ C2	
	15	225	88.83	8 770	1.8	25	2KJ3505 - ■ CE11 - ■ ■ B2	
	18	200	77.81	8 820	2.1	25	2KJ3505 - ■ CE11 - ■ ■ A2	
	19	185	71.82	8 670	2.3	25	2KJ3505 - ■ CE11 - ■ ■ X1	
B.49-LE80MD6E								
	15	230	59.28	11 500	2.0	25	2KJ3503 - ■ DC22 - ■ ■ C2	P01
	17	205	53.89	11 500	2.2	25	2KJ3503 - ■ DC22 - ■ ■ B2	P01
K.39-LA71MH4								
	15	240	94.39	6 000	0.90	17	2KJ3504 - ■ CE11 - ■ ■ E2	
	16	220	85.81	6 080	0.99	17	2KJ3504 - ■ CE11 - ■ ■ D2	
	18	194	75.24	6 170	1.1	17	2KJ3504 - ■ CE11 - ■ ■ C2	
	20	173	67.16	6 250	1.3	17	2KJ3504 - ■ CE11 - ■ ■ B2	
	23	154	59.85	6 320	1.4	17	2KJ3504 - ■ CE11 - ■ ■ A2	
	25	143	55.25	6 360	1.5	17	2KJ3504 - ■ CE11 - ■ ■ X1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.37								
K.39-LA71MH4								
28	125	48.37	6 430	1.8	17	2KJ3504 - ■ CE11 - ■ ■ W1		
32	109	42.41	6 490	2.0	17	2KJ3504 - ■ CE11 - ■ ■ V1		
36	99	38.47	6 530	2.2	17	2KJ3504 - ■ CE11 - ■ ■ U1		
38	93	36.21	6 530	2.4	17	2KJ3504 - ■ CE11 - ■ ■ T1		
43	82	31.92	6 470	2.7	17	2KJ3504 - ■ CE11 - ■ ■ S1		
B.39-LE80MD6E								
18	195	50.11	6 980	1.1	20	2KJ3502 - ■ DC22 - ■ ■ X1	P01	
21	171	44.00	6 980	1.5	20	2KJ3502 - ■ DC22 - ■ ■ W1	P01	
23	155	40.00	6 980	1.5	20	2KJ3502 - ■ DC22 - ■ ■ V1	P01	
B.39-LA71MH4								
24	145	56.36	6 980	1.7	17	2KJ3502 - ■ CE11 - ■ ■ A2		
27	129	50.11	6 980	1.6	17	2KJ3502 - ■ CE11 - ■ ■ X1		
31	113	44.00	6 980	2.2	17	2KJ3502 - ■ CE11 - ■ ■ W1		
34	103	40.00	6 980	2.2	17	2KJ3502 - ■ CE11 - ■ ■ V1		
B.29-LE80MD6E								
28	127	32.78	4 050	0.86	15	2KJ3501 - ■ DC22 - ■ ■ W1	P01	
B.29-LA71MH4								
29	121	46.85	4 080	0.91	12	2KJ3501 - ■ CE11 - ■ ■ B2		
33	107	41.56	4 150	1.0	12	2KJ3501 - ■ CE11 - ■ ■ A2		
38	93	36.06	4 200	1.2	12	2KJ3501 - ■ CE11 - ■ ■ X1		
42	84	32.78	4 200	1.3	12	2KJ3501 - ■ CE11 - ■ ■ W1		
49	72	28.11	4 200	1.5	12	2KJ3501 - ■ CE11 - ■ ■ V1		
54	66	25.56	4 200	1.7	12	2KJ3501 - ■ CE11 - ■ ■ U1		
61	58	22.41	4 200	1.9	12	2KJ3501 - ■ CE11 - ■ ■ T1		
68	52	20.00	4 200	2.1	12	2KJ3501 - ■ CE11 - ■ ■ S1		
77	46	17.82	4 200	2.4	12	2KJ3501 - ■ CE11 - ■ ■ R1		
83	42	16.45	4 200	2.6	12	2KJ3501 - ■ CE11 - ■ ■ Q1		
95	37	14.40	4 200	3.0	12	2KJ3501 - ■ CE11 - ■ ■ P1		
108	33	12.63	4 200	3.4	12	2KJ3501 - ■ CE11 - ■ ■ N1		
120	30	11.46	4 200	3.7	12	2KJ3501 - ■ CE11 - ■ ■ M1		
127	28	10.78	4 200	4.0	12	2KJ3501 - ■ CE11 - ■ ■ L1		
144	24	9.51	4 200	4.5	12	2KJ3501 - ■ CE11 - ■ ■ K1		
166	21	8.25	4 070	5.2	12	2KJ3501 - ■ CE11 - ■ ■ J1		
175	20	7.84	3 990	3.7	12	2KJ3501 - ■ CE11 - ■ ■ H1		
186	19	7.38	3 920	3.9	12	2KJ3501 - ■ CE11 - ■ ■ G1		
210	17	6.51	3 770	4.5	12	2KJ3501 - ■ CE11 - ■ ■ F1		
242	15	5.65	3 610	5.1	12	2KJ3501 - ■ CE11 - ■ ■ E1		
270	13	5.07	3 510	5.7	12	2KJ3501 - ■ CE11 - ■ ■ D1		
287	12	4.78	3 450	6.0	12	2KJ3501 - ■ CE11 - ■ ■ C1		
325	11	4.21	3 310	6.8	12	2KJ3501 - ■ CE11 - ■ ■ B1		
375	9.4	3.65	3 170	7.8	12	2KJ3501 - ■ CE11 - ■ ■ A1		
B.19-LA71MH4								
60	59	22.78	1 910	0.85	10	2KJ3500 - ■ CE11 - ■ ■ T1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.37								
B.19-LA71MH4								
69	51	19.86	1 910	0.98	10	2KJ3500 - ■ CE11 - ■ ■ S1		
77	46	17.78	1 910	1.1	10	2KJ3500 - ■ CE11 - ■ ■ R1		
87	41	15.79	1 910	1.2	10	2KJ3500 - ■ CE11 - ■ ■ Q1		
94	38	14.57	1 910	1.3	10	2KJ3500 - ■ CE11 - ■ ■ P1		
108	33	12.66	1 910	1.5	10	2KJ3500 - ■ CE11 - ■ ■ N1		
125	28	11.00	1 910	1.8	10	2KJ3500 - ■ CE11 - ■ ■ M1		
138	26	9.93	1 910	2.0	10	2KJ3500 - ■ CE11 - ■ ■ L1		
147	24	9.35	1 910	2.1	10	2KJ3500 - ■ CE11 - ■ ■ K1		
168	21	8.15	1 910	2.2	10	2KJ3500 - ■ CE11 - ■ ■ J1		
174	20	7.87	1 910	1.9	10	2KJ3500 - ■ CE11 - ■ ■ H1		
196	18	6.99	1 910	2.1	10	2KJ3500 - ■ CE11 - ■ ■ G1		
212	17	6.45	1 910	2.3	10	2KJ3500 - ■ CE11 - ■ ■ F1		
244	14	5.61	1 910	2.6	10	2KJ3500 - ■ CE11 - ■ ■ E1		
281	13	4.87	1 910	2.8	10	2KJ3500 - ■ CE11 - ■ ■ D1		
311	11	4.40	1 910	3.0	10	2KJ3500 - ■ CE11 - ■ ■ C1		
331	11	4.14	1 910	3.1	10	2KJ3500 - ■ CE11 - ■ ■ B1		
380	9.3	3.61	1 910	3.3	10	2KJ3500 - ■ CE11 - ■ ■ A1		
0.55								
K.89-LE80MK6E								
3.9	1 360	231.80	18 100	1.2	62	2KJ3510 - ■ DF22 - ■ ■ K2	P01	
4.2	1 230	210.72	18 100	1.3	62	2KJ3510 - ■ DF22 - ■ ■ J2	P01	
4.7	1 100	189.01	18 100	1.4	62	2KJ3510 - ■ DF22 - ■ ■ H2	P01	
5.3	995	169.94	18 100	1.6	62	2KJ3510 - ■ DF22 - ■ ■ G2	P01	
5.8	900	153.70	18 100	1.8	62	2KJ3510 - ■ DF22 - ■ ■ F2	P01	
K.89-LE80MB4								
6.2	845	231.80	18 100	1.9	60	2KJ3510 - ■ DB21 - ■ ■ K2		
6.8	765	210.72	18 100	2.1	60	2KJ3510 - ■ DB21 - ■ ■ J2		
K.79-LE80MK6E								
5.2	1 000	171.69	13 600	0.81	40	2KJ3508 - ■ DF22 - ■ ■ F2	P01	
K.79-LE80MB4								
5.9	890	244.25	13 800	0.92	38	2KJ3508 - ■ DB21 - ■ ■ J2		
6.5	810	222.05	13 900	1.0	38	2KJ3508 - ■ DB21 - ■ ■ H2		
7.6	685	188.85	14 200	1.2	38	2KJ3508 - ■ DB21 - ■ ■ G2		
8.4	625	171.69	14 300	1.3	38	2KJ3508 - ■ DB21 - ■ ■ F2		
9.4	555	153.18	14 400	1.5	38	2KJ3508 - ■ DB21 - ■ ■ E2		
10	500	137.35	14 400	1.6	38	2KJ3508 - ■ DB21 - ■ ■ D2		
12	450	123.80	14 400	1.8	38	2KJ3508 - ■ DB21 - ■ ■ C2		
13	415	114.28	14 400	2.0	38	2KJ3508 - ■ DB21 - ■ ■ B2		
14	380	104.32	14 400	2.2	38	2KJ3508 - ■ DB21 - ■ ■ A2		
K.69-LE80MB4								
7.3	715	196.59	10 100	0.84	33	2KJ3507 - ■ DB21 - ■ ■ H2		
8.1	650	178.72	10 500	0.92	33	2KJ3507 - ■ DB21 - ■ ■ G2		
9.5	550	152.00	10 900	1.1	33	2KJ3507 - ■ DB21 - ■ ■ F2		
10	500	138.18	11 000	1.2	33	2KJ3507 - ■ DB21 - ■ ■ E2		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.55								
K.69-LE80MB4								
	12	450	123.29	11 200	1.3	33	2KJ3507 - ■ DB21 - ■ ■ D2	
	13	400	110.55	11 300	1.5	33	2KJ3507 - ■ DB21 - ■ ■ C2	
	14	360	99.64	11 400	1.7	33	2KJ3507 - ■ DB21 - ■ ■ B2	
	16	335	91.98	11 400	1.8	33	2KJ3507 - ■ DB21 - ■ ■ A2	
	17	305	83.96	11 500	2.0	33	2KJ3507 - ■ DB21 - ■ ■ X1	
	21	250	69.67	11 600	2.4	33	2KJ3507 - ■ DB21 - ■ ■ W1	
K.49-LE80MB4								
	10	515	142.13	7 080	0.81	26	2KJ3505 - ■ DB21 - ■ ■ F2	
	12	440	121.60	7 670	0.95	26	2KJ3505 - ■ DB21 - ■ ■ E2	
	13	400	110.55	7 980	1.0	26	2KJ3505 - ■ DB21 - ■ ■ D2	
	15	355	97.71	8 250	1.2	26	2KJ3505 - ■ DB21 - ■ ■ C2	
	16	320	88.83	8 180	1.3	26	2KJ3505 - ■ DB21 - ■ ■ B2	
	19	280	77.81	8 030	1.5	26	2KJ3505 - ■ DB21 - ■ ■ A2	
	20	260	71.82	7 910	1.6	26	2KJ3505 - ■ DB21 - ■ ■ X1	
	23	230	63.59	7 750	1.8	26	2KJ3505 - ■ DB21 - ■ ■ W1	
	27	193	52.93	7 470	2.2	26	2KJ3505 - ■ DB21 - ■ ■ V1	
	29	182	49.82	7 380	2.3	26	2KJ3505 - ■ DB21 - ■ ■ U1	
B.49-LE80MK6E								
	15	345	59.28	11 400	1.3	26	2KJ3503 - ■ DF22 - ■ ■ C2 P01	
	17	315	53.89	11 500	1.4	26	2KJ3503 - ■ DF22 - ■ ■ B2 P01	
	20	265	45.83	11 500	1.7	26	2KJ3503 - ■ DF22 - ■ ■ A2 P01	
	21	245	41.67	11 400	1.8	26	2KJ3503 - ■ DF22 - ■ ■ X1 P01	
B.49-LE80MB4								
	24	215	59.28	11 100	2.1	24	2KJ3503 - ■ DB21 - ■ ■ C2	
	27	197	53.89	10 800	2.3	24	2KJ3503 - ■ DB21 - ■ ■ B2	
K.39-LE80MB4								
	19	270	75.24	5 890	0.8	20	2KJ3504 - ■ DB21 - ■ ■ C2	
	21	245	67.16	5 980	0.9	20	2KJ3504 - ■ DB21 - ■ ■ B2	
	24	215	59.85	6 100	1.0	20	2KJ3504 - ■ DB21 - ■ ■ A2	
	26	200	55.25	6 150	1.1	20	2KJ3504 - ■ DB21 - ■ ■ X1	
	30	176	48.37	6 240	1.2	20	2KJ3504 - ■ DB21 - ■ ■ W1	
	34	155	42.41	6 320	1.4	20	2KJ3504 - ■ DB21 - ■ ■ V1	
	37	140	38.47	6 280	1.6	20	2KJ3504 - ■ DB21 - ■ ■ U1	
	40	132	36.21	6 210	1.7	20	2KJ3504 - ■ DB21 - ■ ■ T1	
	45	116	31.92	6 050	1.9	20	2KJ3504 - ■ DB21 - ■ ■ S1	
	52	101	27.70	5 850	2.2	20	2KJ3504 - ■ DB21 - ■ ■ R1	
	54	98	26.89	5 810	2.2	20	2KJ3504 - ■ DB21 - ■ ■ Q1	
	60	87	23.97	5 660	2.5	20	2KJ3504 - ■ DB21 - ■ ■ P1	
	65	81	22.12	5 550	2.7	20	2KJ3504 - ■ DB21 - ■ ■ N1	
	74	71	19.37	5 360	3.1	20	2KJ3504 - ■ DB21 - ■ ■ M1	
B.39-LE80MK6E								
	20	255	44.00	6 980	0.97	21	2KJ3502 - ■ DF22 - ■ ■ W1 P01	
	22	235	40.00	6 980	0.98	21	2KJ3502 - ■ DF22 - ■ ■ V1 P01	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.55								
B.39-LE80MB4								
	29	183	50.11	6 980	1.1	19	2KJ3502 - ■ DB21 - ■ ■ X1	
	33	160	44.00	6 980	1.6	19	2KJ3502 - ■ DB21 - ■ ■ W1	
	36	146	40.00	6 980	1.6	19	2KJ3502 - ■ DB21 - ■ ■ V1	
	42	125	34.22	6 980	2.0	19	2KJ3502 - ■ DB21 - ■ ■ U1	
	46	113	31.11	6 980	2.2	19	2KJ3502 - ■ DB21 - ■ ■ T1	
	52	100	27.50	6 980	2.5	19	2KJ3502 - ■ DB21 - ■ ■ S1	
	58	91	25.00	6 980	2.7	19	2KJ3502 - ■ DB21 - ■ ■ R1	
	66	80	21.90	6 980	3.1	19	2KJ3502 - ■ DB21 - ■ ■ Q1	
B.29-LE80MB4								
	40	132	36.06	4 020	0.84	14	2KJ3501 - ■ DB21 - ■ ■ X1	
	44	120	32.78	4 080	0.92	14	2KJ3501 - ■ DB21 - ■ ■ W1	
	51	103	28.11	4 170	1.1	14	2KJ3501 - ■ DB21 - ■ ■ V1	
	56	93	25.56	4 200	1.2	14	2KJ3501 - ■ DB21 - ■ ■ U1	
	64	82	22.41	4 200	1.3	14	2KJ3501 - ■ DB21 - ■ ■ T1	
	72	73	20.00	4 200	1.5	14	2KJ3501 - ■ DB21 - ■ ■ S1	
	81	65	17.82	4 200	1.7	14	2KJ3501 - ■ DB21 - ■ ■ R1	
	88	60	16.45	4 200	1.8	14	2KJ3501 - ■ DB21 - ■ ■ Q1	
	100	52	14.40	4 200	2.1	14	2KJ3501 - ■ DB21 - ■ ■ P1	
	114	46	12.63	4 200	2.4	14	2KJ3501 - ■ DB21 - ■ ■ N1	
	126	42	11.46	4 200	2.6	14	2KJ3501 - ■ DB21 - ■ ■ M1	
	134	39	10.78	4 200	2.8	14	2KJ3501 - ■ DB21 - ■ ■ L1	
	151	35	9.51	4 070	3.2	14	2KJ3501 - ■ DB21 - ■ ■ K1	
	175	30	8.25	3 920	3.7	14	2KJ3501 - ■ DB21 - ■ ■ J1	
	184	29	7.84	3 830	2.6	14	2KJ3501 - ■ DB21 - ■ ■ H1	
	195	27	7.38	3 770	2.8	14	2KJ3501 - ■ DB21 - ■ ■ G1	
	221	24	6.51	3 630	3.2	14	2KJ3501 - ■ DB21 - ■ ■ F1	
	255	21	5.65	3 480	3.6	14	2KJ3501 - ■ DB21 - ■ ■ E1	
	284	18	5.07	3 410	4.0	14	2KJ3501 - ■ DB21 - ■ ■ D1	
	301	17	4.78	3 340	4.2	14	2KJ3501 - ■ DB21 - ■ ■ C1	
	342	15	4.21	3 220	4.8	14	2KJ3501 - ■ DB21 - ■ ■ B1	
B.19-LE80MB4								
	91	58	15.79	1 910	0.87	12	2KJ3500 - ■ DB21 - ■ ■ Q1	
	99	53	14.57	1 910	0.94	12	2KJ3500 - ■ DB21 - ■ ■ P1	
	114	46	12.66	1 910	1.1	12	2KJ3500 - ■ DB21 - ■ ■ N1	
	131	40	11.00	1 910	1.2	12	2KJ3500 - ■ DB21 - ■ ■ M1	
	145	36	9.93	1 910	1.4	12	2KJ3500 - ■ DB21 - ■ ■ L1	
	154	34	9.35	1 910	1.5	12	2KJ3500 - ■ DB21 - ■ ■ K1	
	177	30	8.15	1 910	1.6	12	2KJ3500 - ■ DB21 - ■ ■ J1	
	183	29	7.87	1 910	1.3	12	2KJ3500 - ■ DB21 - ■ ■ H1	
	206	26	6.99	1 910	1.5	12	2KJ3500 - ■ DB21 - ■ ■ G1	
	223	24	6.45	1 910	1.7	12	2KJ3500 - ■ DB21 - ■ ■ F1	
	257	20	5.61	1 910	1.8	12	2KJ3500 - ■ DB21 - ■ ■ E1	
	296	18	4.87	1 910	2.0	12	2KJ3500 - ■ DB21 - ■ ■ D1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.55	B.19-LE80MB4							
	327	16	4.40	1 910	2.1	12	2KJ3500 - ■ DB21 - ■ C1	
	348	15	4.14	1 910	2.2	12	2KJ3500 - ■ DB21 - ■ B1	
	399	13	3.61	1 910	2.4	12	2KJ3500 - ■ DB21 - ■ A1	
0.75	K.109-LE90SH6E							
	4.3	1 670	216.65	24 500	1.7	102	2KJ3511 - ■ EC22 - ■ H2	P01
	4.7	1 510	195.60	24 500	1.9	102	2KJ3511 - ■ EC22 - ■ G2	P01
	5.2	1 370	177.43	24 500	2.1	102	2KJ3511 - ■ EC22 - ■ F2	P01
	K.89-LE90SH6E							
	4.0	1 790	231.80	18 100	0.89	65	2KJ3510 - ■ EC22 - ■ K2	P01
	4.4	1 630	210.72	18 100	0.98	65	2KJ3510 - ■ EC22 - ■ J2	P01
	4.9	1 460	189.01	18 100	1.1	65	2KJ3510 - ■ EC22 - ■ H2	P01
	5.4	1 310	169.94	18 100	1.2	65	2KJ3510 - ■ EC22 - ■ G2	P01
	K.89-LE80MH4E							
	6.2	1 150	231.80	18 100	1.4	62	2KJ3510 - ■ DE22 - ■ K2	
	6.8	1 040	210.72	18 100	1.5	62	2KJ3510 - ■ DE22 - ■ J2	
	7.6	940	189.01	18 100	1.7	62	2KJ3510 - ■ DE22 - ■ H2	
	8.5	845	169.94	18 100	1.9	62	2KJ3510 - ■ DE22 - ■ G2	
	9.4	760	153.70	18 100	2.1	62	2KJ3510 - ■ DE22 - ■ F2	
	K.79-LE80MH4E							
	7.6	935	188.85	13 700	0.87	40	2KJ3508 - ■ DE22 - ■ G2	
	8.4	850	171.69	13 900	0.96	40	2KJ3508 - ■ DE22 - ■ F2	
	9.4	760	153.18	14 000	1.1	40	2KJ3508 - ■ DE22 - ■ E2	
	10	680	137.35	14 200	1.2	40	2KJ3508 - ■ DE22 - ■ D2	
	12	615	123.80	14 300	1.3	40	2KJ3508 - ■ DE22 - ■ C2	
	13	565	114.28	14 400	1.4	40	2KJ3508 - ■ DE22 - ■ B2	
	14	515	104.32	14 400	1.6	40	2KJ3508 - ■ DE22 - ■ A2	
	17	430	86.56	14 400	1.9	40	2KJ3508 - ■ DE22 - ■ X1	
18	405	81.47	14 400	2.0	40	2KJ3508 - ■ DE22 - ■ W1		
19	380	76.94	14 400	2.1	40	2KJ3508 - ■ DE22 - ■ V1		
K.69-LE80MH4E								
10	685	138.18	10 300	0.87	35	2KJ3507 - ■ DE22 - ■ E2		
12	610	123.29	10 800	0.98	35	2KJ3507 - ■ DE22 - ■ D2		
13	550	110.55	10 900	1.1	35	2KJ3507 - ■ DE22 - ■ C2		
14	495	99.64	11 100	1.2	35	2KJ3507 - ■ DE22 - ■ B2		
16	455	91.98	11 200	1.3	35	2KJ3507 - ■ DE22 - ■ A2		
17	415	83.96	11 200	1.4	35	2KJ3507 - ■ DE22 - ■ X1		
21	345	69.67	11 100	1.7	35	2KJ3507 - ■ DE22 - ■ W1		
22	325	65.57	11 000	1.8	35	2KJ3507 - ■ DE22 - ■ V1		
23	305	61.93	10 900	1.9	35	2KJ3507 - ■ DE22 - ■ U1		
27	260	52.69	10 500	2.3	35	2KJ3507 - ■ DE22 - ■ T1		
K.49-LE80MH4E								
15	485	97.71	7 240	0.86	28	2KJ3505 - ■ DE22 - ■ C2		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.75								
K.49-LE80MH4E								
	16	440	88.83	7 240	0.95	28	2KJ3505 - ■ DE22 - ■ ■ B2	
	19	385	77.81	7 210	1.1	28	2KJ3505 - ■ DE22 - ■ ■ A2	
	20	355	71.82	7 170	1.2	28	2KJ3505 - ■ DE22 - ■ ■ X1	
	23	315	63.59	7 090	1.3	28	2KJ3505 - ■ DE22 - ■ ■ W1	
	27	260	52.93	6 950	1.6	28	2KJ3505 - ■ DE22 - ■ ■ V1	
	29	245	49.82	6 890	1.7	28	2KJ3505 - ■ DE22 - ■ ■ U1	
	32	220	44.63	6 770	1.9	28	2KJ3505 - ■ DE22 - ■ ■ T1	
	38	189	38.00	6 570	2.2	28	2KJ3505 - ■ DE22 - ■ ■ S1	
	44	162	32.57	6 370	2.6	28	2KJ3505 - ■ DE22 - ■ ■ R1	
B.49-LE90SH6E								
	16	455	59.28	11 200	0.98	29	2KJ3503 - ■ EC22 - ■ ■ C2	P01
	17	415	53.89	11 200	1.1	29	2KJ3503 - ■ EC22 - ■ ■ B2	P01
	20	355	45.83	10 900	1.3	29	2KJ3503 - ■ EC22 - ■ ■ A2	P01
	22	320	41.67	10 700	1.4	29	2KJ3503 - ■ EC22 - ■ ■ X1	P01
B.49-LE80MH4E								
	24	295	59.28	10 500	1.5	26	2KJ3503 - ■ DE22 - ■ ■ C2	
	27	265	53.89	10 300	1.7	26	2KJ3503 - ■ DE22 - ■ ■ B2	
	31	225	45.83	10 000	2.0	26	2KJ3503 - ■ DE22 - ■ ■ A2	
	35	205	41.67	9 780	2.2	26	2KJ3503 - ■ DE22 - ■ ■ X1	
	39	185	37.18	9 500	2.4	26	2KJ3503 - ■ DE22 - ■ ■ W1	
	43	166	33.33	9 240	2.7	26	2KJ3503 - ■ DE22 - ■ ■ V1	
K.39-LE80MH4E								
	26	275	55.25	5 870	0.80	22	2KJ3504 - ■ DE22 - ■ ■ X1	
	30	240	48.37	5 980	0.91	22	2KJ3504 - ■ DE22 - ■ ■ W1	
	34	210	42.41	5 900	1.0	22	2KJ3504 - ■ DE22 - ■ ■ V1	
	37	191	38.47	5 820	1.1	22	2KJ3504 - ■ DE22 - ■ ■ U1	
	40	180	36.21	5 770	1.2	22	2KJ3504 - ■ DE22 - ■ ■ T1	
	45	159	31.92	5 660	1.4	22	2KJ3504 - ■ DE22 - ■ ■ S1	
	52	138	27.70	5 520	1.6	22	2KJ3504 - ■ DE22 - ■ ■ R1	
	54	134	26.89	5 490	1.6	22	2KJ3504 - ■ DE22 - ■ ■ Q1	
	60	119	23.97	5 370	1.8	22	2KJ3504 - ■ DE22 - ■ ■ P1	
	65	110	22.12	5 280	2.0	22	2KJ3504 - ■ DE22 - ■ ■ N1	
	74	96	19.37	5 140	2.3	22	2KJ3504 - ■ DE22 - ■ ■ M1	
	85	84	16.98	4 990	2.6	22	2KJ3504 - ■ DE22 - ■ ■ L1	
	93	77	15.41	4 870	2.9	22	2KJ3504 - ■ DE22 - ■ ■ K1	
	99	72	14.50	4 800	3.1	22	2KJ3504 - ■ DE22 - ■ ■ J1	
	113	64	12.78	4 650	3.5	22	2KJ3504 - ■ DE22 - ■ ■ H1	
	143	50	10.04	4 300	3.7	22	2KJ3504 - ■ DE22 - ■ ■ F1	
B.39-LE80MH4E								
	29	245	50.11	6 980	0.84	21	2KJ3502 - ■ DE22 - ■ ■ X1	
	33	215	44.00	6 980	1.1	21	2KJ3502 - ■ DE22 - ■ ■ W1	
	36	199	40.00	6 980	1.2	21	2KJ3502 - ■ DE22 - ■ ■ V1	

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Shaft design

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
0.75								
B.39-LE80MH4E								
42	170	34.22	34.22	6 980	1.5	21	2KJ3502 - ■ DE22 - ■ ■ U1	
46	155	31.11	31.11	6 980	1.6	21	2KJ3502 - ■ DE22 - ■ ■ T1	
52	137	27.50	27.50	6 980	1.8	21	2KJ3502 - ■ DE22 - ■ ■ S1	
58	124	25.00	25.00	6 980	2.0	21	2KJ3502 - ■ DE22 - ■ ■ R1	
66	109	21.90	21.90	6 980	2.3	21	2KJ3502 - ■ DE22 - ■ ■ Q1	
71	101	20.21	20.21	6 980	2.5	21	2KJ3502 - ■ DE22 - ■ ■ P1	
80	89	17.90	17.90	6 980	2.8	21	2KJ3502 - ■ DE22 - ■ ■ N1	
97	74	14.90	14.90	6 980	3.4	21	2KJ3502 - ■ DE22 - ■ ■ M1	
B.29-LE80MH4E								
56	127	25.56	25.56	4 050	0.87	16	2KJ3501 - ■ DE22 - ■ ■ U1	
64	111	22.41	22.41	4 130	0.99	16	2KJ3501 - ■ DE22 - ■ ■ T1	
72	100	20.00	20.00	4 190	1.1	16	2KJ3501 - ■ DE22 - ■ ■ S1	
81	89	17.82	17.82	4 200	1.2	16	2KJ3501 - ■ DE22 - ■ ■ R1	
88	82	16.45	16.45	4 200	1.3	16	2KJ3501 - ■ DE22 - ■ ■ Q1	
100	72	14.40	14.40	4 200	1.5	16	2KJ3501 - ■ DE22 - ■ ■ P1	
114	63	12.63	12.63	4 200	1.8	16	2KJ3501 - ■ DE22 - ■ ■ N1	
126	57	11.46	11.46	4 150	1.9	16	2KJ3501 - ■ DE22 - ■ ■ M1	
134	54	10.78	10.78	4 090	2.1	16	2KJ3501 - ■ DE22 - ■ ■ L1	
151	47	9.51	9.51	3 960	2.3	16	2KJ3501 - ■ DE22 - ■ ■ K1	
175	41	8.25	8.25	3 820	2.7	16	2KJ3501 - ■ DE22 - ■ ■ J1	
184	39	7.84	7.84	3 730	1.9	16	2KJ3501 - ■ DE22 - ■ ■ H1	
195	37	7.38	7.38	3 660	2.0	16	2KJ3501 - ■ DE22 - ■ ■ G1	
221	32	6.51	6.51	3 550	2.3	16	2KJ3501 - ■ DE22 - ■ ■ F1	
255	28	5.65	5.65	3 410	2.7	16	2KJ3501 - ■ DE22 - ■ ■ E1	
284	25	5.07	5.07	3 350	2.9	16	2KJ3501 - ■ DE22 - ■ ■ D1	
301	24	4.78	4.78	3 280	3.1	16	2KJ3501 - ■ DE22 - ■ ■ C1	
342	21	4.21	4.21	3 170	3.5	16	2KJ3501 - ■ DE22 - ■ ■ B1	
395	18	3.65	3.65	3 040	4.0	16	2KJ3501 - ■ DE22 - ■ ■ A1	
B.19-LE80MH4E								
131	55	11.00	11.00	1 910	0.91	14	2KJ3500 - ■ DE22 - ■ ■ M1	
145	49	9.93	9.93	1 910	1.0	14	2KJ3500 - ■ DE22 - ■ ■ L1	
154	46	9.35	9.35	1 910	1.1	14	2KJ3500 - ■ DE22 - ■ ■ K1	
177	40	8.15	8.15	1 910	1.2	14	2KJ3500 - ■ DE22 - ■ ■ J1	
183	39	7.87	7.87	1 910	0.97	14	2KJ3500 - ■ DE22 - ■ ■ H1	
206	35	6.99	6.99	1 910	1.1	14	2KJ3500 - ■ DE22 - ■ ■ G1	
223	32	6.45	6.45	1 910	1.2	14	2KJ3500 - ■ DE22 - ■ ■ F1	
257	28	5.61	5.61	1 910	1.3	14	2KJ3500 - ■ DE22 - ■ ■ E1	
296	24	4.87	4.87	1 910	1.4	14	2KJ3500 - ■ DE22 - ■ ■ D1	
327	22	4.40	4.40	1 910	1.6	14	2KJ3500 - ■ DE22 - ■ ■ C1	
348	21	4.14	4.14	1 910	1.6	14	2KJ3500 - ■ DE22 - ■ ■ B1	
399	18	3.61	3.61	1 910	1.7	14	2KJ3500 - ■ DE22 - ■ ■ A1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.1	K.129-LE90LLB6E							
	4.1	2 560	228.30	40 000	1.7	156	2KJ3512 - ■ EP22 - ■ ■ J2	P01
	4.4	2 360	210.74	40 000	1.9	156	2KJ3512 - ■ EP22 - ■ ■ H2	P01
	4.8	2 180	194.04	40 000	2.0	156	2KJ3512 - ■ EP22 - ■ ■ G2	P01
	K.109-LE90LLB6E							
	4.3	2 430	216.65	24 500	1.2	105	2KJ3511 - ■ EP22 - ■ ■ H2	P01
	4.8	2 190	195.60	24 500	1.3	105	2KJ3511 - ■ EP22 - ■ ■ G2	P01
	5.3	1 990	177.43	24 500	1.5	105	2KJ3511 - ■ EP22 - ■ ■ F2	P01
	5.7	1 840	163.78	24 500	1.6	105	2KJ3511 - ■ EP22 - ■ ■ E2	P01
	6.3	1 670	148.88	24 500	1.7	105	2KJ3511 - ■ EP22 - ■ ■ D2	P01
	K.109-LE90SG4E							
	6.6	1 590	216.65	24 500	1.8	101	2KJ3511 - ■ EK22 - ■ ■ H2	
	7.3	1 440	195.60	24 500	2.0	101	2KJ3511 - ■ EK22 - ■ ■ G2	
	K.89-LE90LLB6E							
	5.5	1 900	169.94	18 100	0.84	68	2KJ3510 - ■ EP22 - ■ ■ G2	P01
	K.89-LE90SG4E							
	6.1	1 700	231.80	18 100	0.94	64	2KJ3510 - ■ EK22 - ■ ■ K2	
	6.8	1 550	210.72	18 100	1.0	64	2KJ3510 - ■ EK22 - ■ ■ J2	
	7.5	1 390	189.01	18 100	1.1	64	2KJ3510 - ■ EK22 - ■ ■ H2	
	8.4	1 250	169.94	18 100	1.3	64	2KJ3510 - ■ EK22 - ■ ■ G2	
	9.3	1 130	153.70	18 100	1.4	64	2KJ3510 - ■ EK22 - ■ ■ F2	
	10	1 040	141.88	18 100	1.5	64	2KJ3510 - ■ EK22 - ■ ■ E2	
	11	955	129.96	18 100	1.7	64	2KJ3510 - ■ EK22 - ■ ■ D2	
	13	800	109.04	18 100	2.0	64	2KJ3510 - ■ EK22 - ■ ■ C2	
	14	755	102.63	18 100	2.1	64	2KJ3510 - ■ EK22 - ■ ■ B2	
	K.79-LE90SG4E							
	10	1 010	137.35	13 600	0.81	42	2KJ3508 - ■ EK22 - ■ ■ D2	
	12	840	114.28	13 900	0.97	42	2KJ3508 - ■ EK22 - ■ ■ B2	
	12	910	123.80	13 700	0.90	42	2KJ3508 - ■ EK22 - ■ ■ C2	
	14	765	104.32	14 000	1.1	42	2KJ3508 - ■ EK22 - ■ ■ A2	
	16	635	86.56	14 300	1.3	42	2KJ3508 - ■ EK22 - ■ ■ X1	
	17	600	81.47	14 400	1.4	42	2KJ3508 - ■ EK22 - ■ ■ W1	
	19	565	76.94	14 400	1.4	42	2KJ3508 - ■ EK22 - ■ ■ V1	
	22	480	65.47	14 400	1.7	42	2KJ3508 - ■ EK22 - ■ ■ U1	
	25	410	56.08	14 400	2.0	42	2KJ3508 - ■ EK22 - ■ ■ T1	
	29	360	49.31	14 400	2.3	42	2KJ3508 - ■ EK22 - ■ ■ S1	
	34	305	41.60	14 400	2.6	42	2KJ3508 - ■ EK22 - ■ ■ R1	
	K.69-LE90SG4E							
	14	735	99.64	9 990	0.82	37	2KJ3507 - ■ EK22 - ■ ■ B2	
	15	675	91.98	10 100	0.88	37	2KJ3507 - ■ EK22 - ■ ■ A2	
	17	615	83.96	10 100	0.97	37	2KJ3507 - ■ EK22 - ■ ■ X1	
	20	510	69.67	10 000	1.2	37	2KJ3507 - ■ EK22 - ■ ■ W1	
	22	480	65.57	9 960	1.2	37	2KJ3507 - ■ EK22 - ■ ■ V1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.1								
K.69-LE90SG4E								
23		455	61.93	9 890	1.3	37	2KJ3507 - ■ EK22 - ■ ■ U1	
27		385	52.69	9 700	1.5	37	2KJ3507 - ■ EK22 - ■ ■ T1	
32		330	45.14	9 470	1.8	37	2KJ3507 - ■ EK22 - ■ ■ S1	
36		290	39.69	9 260	2.1	37	2KJ3507 - ■ EK22 - ■ ■ R1	
43		245	33.48	8 950	2.3	37	2KJ3507 - ■ EK22 - ■ ■ Q1	
49		215	29.18	8 690	2.6	37	2KJ3507 - ■ EK22 - ■ ■ P1	
K.49-LE90SG4E								
22		465	63.59	5 960	0.9	30	2KJ3505 - ■ EK22 - ■ ■ W1	
27		390	52.93	5 970	1.1	30	2KJ3505 - ■ EK22 - ■ ■ V1	
29		365	49.82	5 980	1.1	30	2KJ3505 - ■ EK22 - ■ ■ U1	
32		325	44.63	5 980	1.3	30	2KJ3505 - ■ EK22 - ■ ■ T1	
38		280	38.00	5 890	1.5	30	2KJ3505 - ■ EK22 - ■ ■ S1	
44		240	32.57	5 790	1.7	30	2KJ3505 - ■ EK22 - ■ ■ R1	
51		205	28.05	5 690	2.0	30	2KJ3505 - ■ EK22 - ■ ■ Q1	
54		194	26.30	5 620	2.2	30	2KJ3505 - ■ EK22 - ■ ■ P1	
61		172	23.28	5 510	2.4	30	2KJ3505 - ■ EK22 - ■ ■ N1	
74		143	19.38	5 330	2.9	30	2KJ3505 - ■ EK22 - ■ ■ M1	
78		134	18.24	5 270	3.1	30	2KJ3505 - ■ EK22 - ■ ■ L1	
146		72	9.75	4 530	3.8	30	2KJ3505 - ■ EK22 - ■ ■ F1	
155		68	9.18	4 460	4.0	30	2KJ3505 - ■ EK22 - ■ ■ E1	
173		61	8.22	4 330	4.2	30	2KJ3505 - ■ EK22 - ■ ■ D1	
B.49-LE90LLB6E								
20		515	45.83	9 860	0.87	32	2KJ3503 - ■ EP22 - ■ ■ A2	P01
22		465	41.67	9 780	0.96	32	2KJ3503 - ■ EP22 - ■ ■ X1	P01
B.49-LE90SG4E								
24		435	59.28	9 680	1.0	28	2KJ3503 - ■ EK22 - ■ ■ C2	
26		395	53.89	9 560	1.1	28	2KJ3503 - ■ EK22 - ■ ■ B2	
31		335	45.83	9 320	1.3	28	2KJ3503 - ■ EK22 - ■ ■ A2	
34		305	41.67	9 150	1.5	28	2KJ3503 - ■ EK22 - ■ ■ X1	
38		270	37.18	8 970	1.6	28	2KJ3503 - ■ EK22 - ■ ■ W1	
43		245	33.33	8 750	1.8	28	2KJ3503 - ■ EK22 - ■ ■ V1	
47		220	30.05	8 560	2.0	28	2KJ3503 - ■ EK22 - ■ ■ U1	
51		200	27.74	8 430	2.2	28	2KJ3503 - ■ EK22 - ■ ■ T1	
56		187	25.32	8 230	2.4	28	2KJ3503 - ■ EK22 - ■ ■ S1	
68		155	21.01	7 870	2.9	28	2KJ3503 - ■ EK22 - ■ ■ R1	
72		146	19.77	7 750	3.1	28	2KJ3503 - ■ EK22 - ■ ■ Q1	
K.39-LE90SG4E								
39		265	36.21	5 030	0.82	24	2KJ3504 - ■ EK22 - ■ ■ T1	
45		235	31.92	4 990	0.93	24	2KJ3504 - ■ EK22 - ■ ■ S1	
51		200	27.70	4 980	1.1	24	2KJ3504 - ■ EK22 - ■ ■ R1	
53		198	26.89	4 930	1.1	24	2KJ3504 - ■ EK22 - ■ ■ Q1	
59		177	23.97	4 870	1.2	24	2KJ3504 - ■ EK22 - ■ ■ P1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.1								
K.39-LE90SG4E								
64	163	22.12	4 820	1.3	24	2KJ3504 - ■ EK22 - ■ ■ N1		
74	143	19.37	4 730	1.5	24	2KJ3504 - ■ EK22 - ■ ■ M1		
84	125	16.98	4 640	1.8	24	2KJ3504 - ■ EK22 - ■ ■ L1		
92	114	15.41	4 550	1.9	24	2KJ3504 - ■ EK22 - ■ ■ K1		
98	107	14.50	4 500	2.1	24	2KJ3504 - ■ EK22 - ■ ■ J1		
112	94	12.78	4 400	2.3	24	2KJ3504 - ■ EK22 - ■ ■ H1		
128	82	11.09	4 260	2.7	24	2KJ3504 - ■ EK22 - ■ ■ G1		
142	74	10.04	4 070	2.5	24	2KJ3504 - ■ EK22 - ■ ■ F1		
162	65	8.81	3 950	2.8	24	2KJ3504 - ■ EK22 - ■ ■ E1		
178	59	7.99	3 870	3.0	24	2KJ3504 - ■ EK22 - ■ ■ D1		
189	55	7.52	3 820	3.1	24	2KJ3504 - ■ EK22 - ■ ■ C1		
215	49	6.63	3 700	3.3	24	2KJ3504 - ■ EK22 - ■ ■ B1		
248	42	5.75	3 580	3.5	24	2KJ3504 - ■ EK22 - ■ ■ A1		
B.39-LE90SG4E								
42	250	34.22	6 980	0.99	23	2KJ3502 - ■ EK22 - ■ ■ U1		
46	225	31.11	6 980	1.1	23	2KJ3502 - ■ EK22 - ■ ■ T1		
52	200	27.50	6 980	1.2	23	2KJ3502 - ■ EK22 - ■ ■ S1		
57	184	25.00	6 980	1.4	23	2KJ3502 - ■ EK22 - ■ ■ R1		
65	161	21.90	6 980	1.5	23	2KJ3502 - ■ EK22 - ■ ■ Q1		
71	149	20.21	6 980	1.7	23	2KJ3502 - ■ EK22 - ■ ■ P1		
80	132	17.90	6 980	1.9	23	2KJ3502 - ■ EK22 - ■ ■ N1		
96	110	14.90	6 800	2.3	23	2KJ3502 - ■ EK22 - ■ ■ M1		
102	103	14.02	6 710	2.4	23	2KJ3502 - ■ EK22 - ■ ■ L1		
113	93	12.56	6 510	2.7	23	2KJ3502 - ■ EK22 - ■ ■ K1		
133	79	10.69	6 240	3.0	23	2KJ3502 - ■ EK22 - ■ ■ J1		
155	68	9.17	5 980	3.4	23	2KJ3502 - ■ EK22 - ■ ■ H1		
181	58	7.89	5 740	3.8	23	2KJ3502 - ■ EK22 - ■ ■ G1		
216	49	6.60	5 490	4.1	23	2KJ3502 - ■ EK22 - ■ ■ F1		
229	46	6.21	5 400	4.4	23	2KJ3502 - ■ EK22 - ■ ■ E1		
B.29-LE90SG4E								
80	131	17.82	4 030	0.84	18	2KJ3501 - ■ EK22 - ■ ■ R1		
87	121	16.45	4 080	0.91	18	2KJ3501 - ■ EK22 - ■ ■ Q1		
99	106	14.40	4 090	1.0	18	2KJ3501 - ■ EK22 - ■ ■ P1		
113	93	12.63	3 990	1.2	18	2KJ3501 - ■ EK22 - ■ ■ N1		
124	84	11.46	3 920	1.3	18	2KJ3501 - ■ EK22 - ■ ■ M1		
132	80	10.78	3 860	1.4	18	2KJ3501 - ■ EK22 - ■ ■ L1		
150	70	9.51	3 760	1.6	18	2KJ3501 - ■ EK22 - ■ ■ K1		
173	61	8.25	3 640	1.8	18	2KJ3501 - ■ EK22 - ■ ■ J1		
182	58	7.84	3 550	1.3	18	2KJ3501 - ■ EK22 - ■ ■ H1		
193	54	7.38	3 500	1.4	18	2KJ3501 - ■ EK22 - ■ ■ G1		
219	48	6.51	3 400	1.6	18	2KJ3501 - ■ EK22 - ■ ■ F1		
252	42	5.65	3 280	1.8	18	2KJ3501 - ■ EK22 - ■ ■ E1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.1	B.29-LE90SG4E							
	281	37	5.07	3 250	2.0	18	2KJ3501 - ■ EK22 - ■ ■ D1	
	298	35	4.78	3 200	2.1	18	2KJ3501 - ■ EK22 - ■ ■ C1	
	338	31	4.21	3 090	2.4	18	2KJ3501 - ■ EK22 - ■ ■ B1	
	390	27	3.65	2 970	2.7	18	2KJ3501 - ■ EK22 - ■ ■ A1	
1.5	K.129-LE100LLB6E							
	4.2	3 370	228.30	40 000	1.3	164	2KJ3512 - ■ FP22 - ■ ■ J2	P01
	4.6	3 110	210.74	40 000	1.4	164	2KJ3512 - ■ FP22 - ■ ■ H2	P01
	5.0	2 860	194.04	40 000	1.5	164	2KJ3512 - ■ FP22 - ■ ■ G2	P01
	5.9	2 440	165.47	40 000	1.8	164	2KJ3512 - ■ FP22 - ■ ■ F2	P01
	K.129-LE90LH4E							
	6.3	2 270	228.30	40 000	1.9	155	2KJ3512 - ■ EM22 - ■ ■ J2	
	6.8	2 100	210.74	40 000	2.1	155	2KJ3512 - ■ EM22 - ■ ■ H2	
	K.109-LE100LLB6E							
	4.5	3 190	216.65	24 500	0.91	114	2KJ3511 - ■ FP22 - ■ ■ H2	P01
	5.0	2 880	195.60	24 500	1.0	114	2KJ3511 - ■ FP22 - ■ ■ G2	P01
	5.5	2 620	177.43	24 500	1.1	114	2KJ3511 - ■ FP22 - ■ ■ F2	P01
	5.9	2 410	163.78	24 500	1.2	114	2KJ3511 - ■ FP22 - ■ ■ E2	P01
	K.109-LE90LH4E							
	6.6	2 160	216.65	24 500	1.3	104	2KJ3511 - ■ EM22 - ■ ■ H2	
	7.3	1 950	195.60	24 500	1.5	104	2KJ3511 - ■ EM22 - ■ ■ G2	
	8.1	1 770	177.43	24 500	1.6	104	2KJ3511 - ■ EM22 - ■ ■ F2	
	8.8	1 630	163.78	24 500	1.8	104	2KJ3511 - ■ EM22 - ■ ■ E2	
	9.6	1 480	148.88	24 500	2.0	104	2KJ3511 - ■ EM22 - ■ ■ D2	
	K.89-LE90LH4E							
7.6	1 880	189.01	18 100	0.85	67	2KJ3510 - ■ EM22 - ■ ■ H2		
8.4	1 690	169.94	18 100	0.94	67	2KJ3510 - ■ EM22 - ■ ■ G2		
9.3	1 530	153.70	18 100	1.0	67	2KJ3510 - ■ EM22 - ■ ■ F2		
10	1 410	141.88	18 100	1.1	67	2KJ3510 - ■ EM22 - ■ ■ E2		
11	1 290	129.96	18 100	1.2	67	2KJ3510 - ■ EM22 - ■ ■ D2		
13	1 080	109.04	18 100	1.5	67	2KJ3510 - ■ EM22 - ■ ■ C2		
14	1 020	102.63	18 100	1.6	67	2KJ3510 - ■ EM22 - ■ ■ B2		
15	940	94.16	18 100	1.7	67	2KJ3510 - ■ EM22 - ■ ■ A2		
17	820	82.25	18 100	1.9	67	2KJ3510 - ■ EM22 - ■ ■ X1		
19	735	73.64	18 100	2.2	67	2KJ3510 - ■ EM22 - ■ ■ W1		
K.79-LE90LH4E								
17	860	86.56	13 800	0.95	45	2KJ3508 - ■ EM22 - ■ ■ X1		
18	810	81.47	13 900	1.0	45	2KJ3508 - ■ EM22 - ■ ■ W1		
19	765	76.94	14 000	1.1	45	2KJ3508 - ■ EM22 - ■ ■ V1		
22	650	65.47	14 300	1.3	45	2KJ3508 - ■ EM22 - ■ ■ U1		
26	560	56.08	14 400	1.5	45	2KJ3508 - ■ EM22 - ■ ■ T1		
29	490	49.31	14 400	1.7	45	2KJ3508 - ■ EM22 - ■ ■ S1		
34	415	41.60	14 400	1.9	45	2KJ3508 - ■ EM22 - ■ ■ R1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.5								
K.79-LE90LH4E								
	40	360	36.26	14 400	2.1	45	2KJ3508 - ■ EM22 - ■ ■ Q1	
	44	325	32.78	14 400	2.5	45	2KJ3508 - ■ EM22 - ■ ■ P1	
	53	270	27.20	14 400	2.9	45	2KJ3508 - ■ EM22 - ■ ■ N1	
K.69-LE90LH4E								
	21	695	69.67	8 670	0.86	40	2KJ3507 - ■ EM22 - ■ ■ W1	
	22	655	65.57	8 690	0.92	40	2KJ3507 - ■ EM22 - ■ ■ V1	
	23	615	61.93	8 720	0.97	40	2KJ3507 - ■ EM22 - ■ ■ U1	
	27	525	52.69	8 670	1.1	40	2KJ3507 - ■ EM22 - ■ ■ T1	
	32	450	45.14	8 580	1.3	40	2KJ3507 - ■ EM22 - ■ ■ S1	
	36	395	39.69	8 480	1.5	40	2KJ3507 - ■ EM22 - ■ ■ R1	
	43	330	33.48	8 320	1.7	40	2KJ3507 - ■ EM22 - ■ ■ Q1	
	49	290	29.18	8 130	1.9	40	2KJ3507 - ■ EM22 - ■ ■ P1	
	55	260	26.05	7 960	2.3	40	2KJ3507 - ■ EM22 - ■ ■ N1	
	59	245	24.52	7 870	2.4	40	2KJ3507 - ■ EM22 - ■ ■ M1	
	62	230	23.15	7 800	2.5	40	2KJ3507 - ■ EM22 - ■ ■ L1	
	73	197	19.70	7 540	2.8	40	2KJ3507 - ■ EM22 - ■ ■ K1	
	85	169	16.88	7 290	3.1	40	2KJ3507 - ■ EM22 - ■ ■ J1	
	97	148	14.84	7 080	3.5	40	2KJ3507 - ■ EM22 - ■ ■ H1	
	154	93	9.34	6 140	4.0	40	2KJ3507 - ■ EM22 - ■ ■ E1	
K.49-LE90LH4E								
	29	495	49.82	4 950	0.84	33	2KJ3505 - ■ EM22 - ■ ■ U1	
	32	445	44.63	5 020	0.94	33	2KJ3505 - ■ EM22 - ■ ■ T1	
	38	375	38.00	5 130	1.1	33	2KJ3505 - ■ EM22 - ■ ■ S1	
	44	325	32.57	5 110	1.3	33	2KJ3505 - ■ EM22 - ■ ■ R1	
	51	280	28.05	5 090	1.5	33	2KJ3505 - ■ EM22 - ■ ■ Q1	
	55	260	26.30	5 090	1.6	33	2KJ3505 - ■ EM22 - ■ ■ P1	
	62	230	23.28	5 040	1.8	33	2KJ3505 - ■ EM22 - ■ ■ N1	
	74	193	19.38	4 930	2.2	33	2KJ3505 - ■ EM22 - ■ ■ M1	
	79	182	18.24	4 880	2.3	33	2KJ3505 - ■ EM22 - ■ ■ L1	
	88	163	16.34	4 800	2.6	33	2KJ3505 - ■ EM22 - ■ ■ K1	
	103	139	13.91	4 670	3.0	33	2KJ3505 - ■ EM22 - ■ ■ J1	
	120	119	11.93	4 540	3.5	33	2KJ3505 - ■ EM22 - ■ ■ H1	
	147	97	9.75	4 310	2.8	33	2KJ3505 - ■ EM22 - ■ ■ F1	
	156	92	9.18	4 240	2.9	33	2KJ3505 - ■ EM22 - ■ ■ E1	
	175	82	8.22	4 150	3.1	33	2KJ3505 - ■ EM22 - ■ ■ D1	
	205	70	7.00	3 990	3.4	33	2KJ3505 - ■ EM22 - ■ ■ C1	
	239	60	6.00	3 850	3.8	33	2KJ3505 - ■ EM22 - ■ ■ B1	
	278	52	5.17	3 700	4.1	33	2KJ3505 - ■ EM22 - ■ ■ A1	
B.49-LE90LH4E								
	27	535	53.89	8 600	0.84	31	2KJ3503 - ■ EM22 - ■ ■ B2	
	31	455	45.83	8 490	0.98	31	2KJ3503 - ■ EM22 - ■ ■ A2	
	34	415	41.67	8 400	1.1	31	2KJ3503 - ■ EM22 - ■ ■ X1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.5								
B.49-LE90LH4E								
39	370	37.18		8 280	1.2	31	2KJ3503 - ■ EM22 - ■ ■ W1	
43	330	33.33		8 160	1.4	31	2KJ3503 - ■ EM22 - ■ ■ V1	
48	300	30.05		8 010	1.5	31	2KJ3503 - ■ EM22 - ■ ■ U1	
52	275	27.74		7 910	1.6	31	2KJ3503 - ■ EM22 - ■ ■ T1	
57	250	25.32		7 790	1.8	31	2KJ3503 - ■ EM22 - ■ ■ S1	
68	210	21.01		7 480	2.1	31	2KJ3503 - ■ EM22 - ■ ■ R1	
73	197	19.77		7 390	2.3	31	2KJ3503 - ■ EM22 - ■ ■ Q1	
77	186	18.67		7 300	2.4	31	2KJ3503 - ■ EM22 - ■ ■ P1	
90	159	15.89		7 030	2.8	31	2KJ3503 - ■ EM22 - ■ ■ N1	
105	136	13.61		6 780	3.3	31	2KJ3503 - ■ EM22 - ■ ■ M1	
173	83	8.29		6 020	4.0	31	2KJ3503 - ■ EM22 - ■ ■ H1	
184	78	7.80		5 920	4.2	31	2KJ3503 - ■ EM22 - ■ ■ G1	
K.39-LE90LH4E								
52	275	27.70		4 280	0.80	27	2KJ3504 - ■ EM22 - ■ ■ R1	
53	265	26.89		4 310	0.82	27	2KJ3504 - ■ EM22 - ■ ■ Q1	
60	235	23.97		4 330	0.92	27	2KJ3504 - ■ EM22 - ■ ■ P1	
65	220	22.12		4 290	1.0	27	2KJ3504 - ■ EM22 - ■ ■ N1	
74	193	19.37		4 270	1.1	27	2KJ3504 - ■ EM22 - ■ ■ M1	
85	170	16.98		4 220	1.3	27	2KJ3504 - ■ EM22 - ■ ■ L1	
93	154	15.41		4 180	1.4	27	2KJ3504 - ■ EM22 - ■ ■ K1	
99	145	14.50		4 150	1.5	27	2KJ3504 - ■ EM22 - ■ ■ J1	
112	128	12.78		4 080	1.7	27	2KJ3504 - ■ EM22 - ■ ■ H1	
129	111	11.09		3 990	2.0	27	2KJ3504 - ■ EM22 - ■ ■ G1	
143	100	10.04		3 780	1.8	27	2KJ3504 - ■ EM22 - ■ ■ F1	
163	88	8.81		3 700	2.1	27	2KJ3504 - ■ EM22 - ■ ■ E1	
180	80	7.99		3 640	2.2	27	2KJ3504 - ■ EM22 - ■ ■ D1	
191	75	7.52		3 600	2.3	27	2KJ3504 - ■ EM22 - ■ ■ C1	
216	66	6.63		3 510	2.4	27	2KJ3504 - ■ EM22 - ■ ■ B1	
250	57	5.75		3 410	2.6	27	2KJ3504 - ■ EM22 - ■ ■ A1	
B.39-LE90LH4E								
46	310	31.11		6 980	0.81	26	2KJ3502 - ■ EM22 - ■ ■ T1	
52	275	27.50		6 980	0.91	26	2KJ3502 - ■ EM22 - ■ ■ S1	
57	250	25.00		6 980	1.0	26	2KJ3502 - ■ EM22 - ■ ■ R1	
66	215	21.90		6 980	1.1	26	2KJ3502 - ■ EM22 - ■ ■ Q1	
71	200	20.21		6 910	1.2	26	2KJ3502 - ■ EM22 - ■ ■ P1	
80	179	17.90		6 740	1.4	26	2KJ3502 - ■ EM22 - ■ ■ N1	
96	149	14.90		6 490	1.7	26	2KJ3502 - ■ EM22 - ■ ■ M1	
102	140	14.02		6 400	1.8	26	2KJ3502 - ■ EM22 - ■ ■ L1	
114	125	12.56		6 250	2.0	26	2KJ3502 - ■ EM22 - ■ ■ K1	
134	107	10.69		6 010	2.2	26	2KJ3502 - ■ EM22 - ■ ■ J1	
156	92	9.17		5 780	2.5	26	2KJ3502 - ■ EM22 - ■ ■ H1	
182	79	7.89		5 570	2.8	26	2KJ3502 - ■ EM22 - ■ ■ G1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
1.5								
B.39-LE90LH4E								
217	66	6.60	5 360	3.0	26	2KJ3502 - ■ EM22 - ■ ■ F1		
231	62	6.21	5 270	3.2	26	2KJ3502 - ■ EM22 - ■ ■ E1		
258	56	5.56	5 110	3.6	26	2KJ3502 - ■ EM22 - ■ ■ D1		
303	47	4.74	4 880	4.2	26	2KJ3502 - ■ EM22 - ■ ■ C1		
353	40	4.06	4 670	4.9	26	2KJ3502 - ■ EM22 - ■ ■ B1		
410	35	3.50	4 470	5.5	26	2KJ3502 - ■ EM22 - ■ ■ A1		
B.29-LE90LH4E								
114	126	12.63	3 670	0.87	21	2KJ3501 - ■ EM22 - ■ ■ N1		
125	114	11.46	3 630	0.96	21	2KJ3501 - ■ EM22 - ■ ■ M1		
133	108	10.78	3 590	1.0	21	2KJ3501 - ■ EM22 - ■ ■ L1		
151	95	9.51	3 520	1.2	21	2KJ3501 - ■ EM22 - ■ ■ K1		
174	82	8.25	3 440	1.3	21	2KJ3501 - ■ EM22 - ■ ■ J1		
183	78	7.84	3 330	0.96	21	2KJ3501 - ■ EM22 - ■ ■ H1		
194	74	7.38	3 290	1.0	21	2KJ3501 - ■ EM22 - ■ ■ G1		
220	65	6.51	3 210	1.2	21	2KJ3501 - ■ EM22 - ■ ■ F1		
254	56	5.65	3 130	1.3	21	2KJ3501 - ■ EM22 - ■ ■ E1		
283	51	5.07	3 120	1.5	21	2KJ3501 - ■ EM22 - ■ ■ D1		
300	48	4.78	3 070	1.6	21	2KJ3501 - ■ EM22 - ■ ■ C1		
341	42	4.21	2 980	1.8	21	2KJ3501 - ■ EM22 - ■ ■ B1		
393	36	3.65	2 880	2.0	21	2KJ3501 - ■ EM22 - ■ ■ A1		
2.2								
K.149-LE112ME6E								
4.1	5 160	237.03	65 000	1.6	236	2KJ3513 - ■ GH22 - ■ ■ J2	P01	
4.8	4 410	202.86	65 000	1.8	236	2KJ3513 - ■ GH22 - ■ ■ H2	P01	
5.1	4 150	190.92	65 000	1.9	236	2KJ3513 - ■ GH22 - ■ ■ G2	P01	
5.4	3 890	178.97	65 000	2.1	236	2KJ3513 - ■ GH22 - ■ ■ F2	P01	
K.129-LE112ME6E								
4.2	4 970	228.30	40 000	0.89	165	2KJ3512 - ■ GH22 - ■ ■ J2	P01	
4.6	4 580	210.74	40 000	0.96	165	2KJ3512 - ■ GH22 - ■ ■ H2	P01	
5.0	4 220	194.04	40 000	1.0	165	2KJ3512 - ■ GH22 - ■ ■ G2	P01	
5.8	3 600	165.47	40 000	1.2	165	2KJ3512 - ■ GH22 - ■ ■ F2	P01	
K.129-LE100LE4E								
6.4	3 290	228.30	40 000	1.3	160	2KJ3512 - ■ FL22 - ■ ■ J2		
6.9	3 040	210.74	40 000	1.4	160	2KJ3512 - ■ FL22 - ■ ■ H2		
7.5	2 800	194.04	40 000	1.6	160	2KJ3512 - ■ FL22 - ■ ■ G2		
8.8	2 380	165.47	40 000	1.8	160	2KJ3512 - ■ FL22 - ■ ■ F2		
9.3	2 240	155.74	40 000	2.0	160	2KJ3512 - ■ FL22 - ■ ■ E2		
10	2 080	144.53	40 000	2.1	160	2KJ3512 - ■ FL22 - ■ ■ D2		
K.109-LE112ME6E								
5.9	3 560	163.78	24 500	0.81	115	2KJ3511 - ■ GH22 - ■ ■ E2	P01	
K.109-LE100LE4E								
6.7	3 120	216.65	24 500	0.93	110	2KJ3511 - ■ FL22 - ■ ■ H2		
7.4	2 820	195.60	24 500	1.0	110	2KJ3511 - ■ FL22 - ■ ■ G2		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
2.2								
K.109-LE100LE4E								
8.2	2 560	177.43	24 500	1.1	110	2KJ3511	- ■ FL22 - ■ ■ F2	
8.9	2 360	163.78	24 500	1.2	110	2KJ3511	- ■ FL22 - ■ ■ E2	
9.8	2 150	148.88	24 500	1.3	110	2KJ3511	- ■ FL22 - ■ ■ D2	
12	1 710	118.65	24 500	1.7	110	2KJ3511	- ■ FL22 - ■ ■ B2	
12	1 820	126.07	24 500	1.6	110	2KJ3511	- ■ FL22 - ■ ■ C2	
13	1 580	109.57	24 500	1.8	110	2KJ3511	- ■ FL22 - ■ ■ A2	
15	1 400	97.49	24 500	2.1	110	2KJ3511	- ■ FL22 - ■ ■ X1	
17	1 250	86.59	24 500	2.3	110	2KJ3511	- ■ FL22 - ■ ■ W1	
K.89-LE100LE4E								
11	1 870	129.96	18 100	0.85	75	2KJ3510	- ■ FL22 - ■ ■ D2	
13	1 570	109.04	18 100	1.0	75	2KJ3510	- ■ FL22 - ■ ■ C2	
14	1 480	102.63	18 100	1.1	75	2KJ3510	- ■ FL22 - ■ ■ B2	
15	1 360	94.16	18 100	1.2	75	2KJ3510	- ■ FL22 - ■ ■ A2	
18	1 180	82.25	18 100	1.3	75	2KJ3510	- ■ FL22 - ■ ■ X1	
20	1 060	73.64	18 100	1.5	75	2KJ3510	- ■ FL22 - ■ ■ W1	
23	930	64.39	18 100	1.7	75	2KJ3510	- ■ FL22 - ■ ■ V1	
26	795	55.27	18 100	2.0	75	2KJ3510	- ■ FL22 - ■ ■ U1	
30	705	48.85	18 100	2.3	75	2KJ3510	- ■ FL22 - ■ ■ T1	
35	600	41.54	18 100	2.6	75	2KJ3510	- ■ FL22 - ■ ■ S1	
K.79-LE100LE4E								
22	945	65.47	13 700	0.87	54	2KJ3508	- ■ FL22 - ■ ■ U1	
26	810	56.08	13 900	1.0	54	2KJ3508	- ■ FL22 - ■ ■ T1	
30	710	49.31	14 100	1.2	54	2KJ3508	- ■ FL22 - ■ ■ S1	
35	600	41.60	14 400	1.3	54	2KJ3508	- ■ FL22 - ■ ■ R1	
40	520	36.26	14 400	1.5	54	2KJ3508	- ■ FL22 - ■ ■ Q1	
44	470	32.78	14 400	1.7	54	2KJ3508	- ■ FL22 - ■ ■ P1	
53	390	27.20	14 400	2.0	54	2KJ3508	- ■ FL22 - ■ ■ N1	
57	370	25.60	14 400	2.1	54	2KJ3508	- ■ FL22 - ■ ■ M1	
60	345	24.17	14 400	2.2	54	2KJ3508	- ■ FL22 - ■ ■ L1	
71	295	20.57	14 400	2.5	54	2KJ3508	- ■ FL22 - ■ ■ K1	
83	250	17.62	14 400	2.8	54	2KJ3508	- ■ FL22 - ■ ■ J1	
94	220	15.49	14 400	3.1	54	2KJ3508	- ■ FL22 - ■ ■ H1	
111	189	13.07	14 400	3.5	54	2KJ3508	- ■ FL22 - ■ ■ G1	
138	152	10.51	14 400	2.9	54	2KJ3508	- ■ FL22 - ■ ■ E1	
161	130	9.01	13 800	3.5	54	2KJ3508	- ■ FL22 - ■ ■ D1	
184	114	7.92	13 400	3.9	54	2KJ3508	- ■ FL22 - ■ ■ C1	
K.69-LE100LE4E								
32	650	45.14	7 100	0.92	48	2KJ3507	- ■ FL22 - ■ ■ S1	
37	570	39.69	7 180	1.0	48	2KJ3507	- ■ FL22 - ■ ■ R1	
43	480	33.48	7 200	1.2	48	2KJ3507	- ■ FL22 - ■ ■ Q1	
50	420	29.18	7 150	1.3	48	2KJ3507	- ■ FL22 - ■ ■ P1	
56	375	26.05	7 100	1.6	48	2KJ3507	- ■ FL22 - ■ ■ N1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
2.2								
K.69-LE100LE4E								
59	350	24.52	7 080	1.7	48	2KJ3507 - ■ FL22 - ■ ■ M1		
63	330	23.15	7 040	1.8	48	2KJ3507 - ■ FL22 - ■ ■ L1		
74	280	19.70	6 910	2.0	48	2KJ3507 - ■ FL22 - ■ ■ K1		
86	240	16.88	6 740	2.2	48	2KJ3507 - ■ FL22 - ■ ■ J1		
98	210	14.84	6 600	2.4	48	2KJ3507 - ■ FL22 - ■ ■ H1		
116	181	12.52	6 360	2.7	48	2KJ3507 - ■ FL22 - ■ ■ G1		
133	158	10.91	6 180	3.0	48	2KJ3507 - ■ FL22 - ■ ■ F1		
156	135	9.34	5 730	2.7	48	2KJ3507 - ■ FL22 - ■ ■ E1		
182	116	8.01	5 550	3.2	48	2KJ3507 - ■ FL22 - ■ ■ D1		
207	102	7.04	5 400	3.6	48	2KJ3507 - ■ FL22 - ■ ■ C1		
245	86	5.94	5 200	4.0	48	2KJ3507 - ■ FL22 - ■ ■ B1		
281	75	5.18	5 030	4.4	48	2KJ3507 - ■ FL22 - ■ ■ A1		
K.49-LE100LE4E								
45	470	32.57	3 950	0.89	42	2KJ3505 - ■ FL22 - ■ ■ R1		
52	405	28.05	4 080	1.0	42	2KJ3505 - ■ FL22 - ■ ■ Q1		
55	380	26.30	4 120	1.1	42	2KJ3505 - ■ FL22 - ■ ■ P1		
62	335	23.28	4 190	1.2	42	2KJ3505 - ■ FL22 - ■ ■ N1		
75	280	19.38	4 220	1.5	42	2KJ3505 - ■ FL22 - ■ ■ M1		
80	260	18.24	4 250	1.6	42	2KJ3505 - ■ FL22 - ■ ■ L1		
89	235	16.34	4 210	1.8	42	2KJ3505 - ■ FL22 - ■ ■ K1		
105	200	13.91	4 170	2.1	42	2KJ3505 - ■ FL22 - ■ ■ J1		
122	172	11.93	4 100	2.4	42	2KJ3505 - ■ FL22 - ■ ■ H1		
142	148	10.27	4 020	2.8	42	2KJ3505 - ■ FL22 - ■ ■ G1		
149	141	9.75	3 920	2.0	42	2KJ3505 - ■ FL22 - ■ ■ F1		
158	133	9.18	3 880	2.0	42	2KJ3505 - ■ FL22 - ■ ■ E1		
177	119	8.22	3 820	2.1	42	2KJ3505 - ■ FL22 - ■ ■ D1		
208	101	7.00	3 720	2.4	42	2KJ3505 - ■ FL22 - ■ ■ C1		
242	87	6.00	3 600	2.6	42	2KJ3505 - ■ FL22 - ■ ■ B1		
281	75	5.17	3 490	2.8	42	2KJ3505 - ■ FL22 - ■ ■ A1		
B.49-LE100LE4E								
39	535	37.18	7 130	0.84	39	2KJ3503 - ■ FL22 - ■ ■ W1		
44	480	33.33	7 120	0.94	39	2KJ3503 - ■ FL22 - ■ ■ V1		
48	430	30.05	7 100	1.0	39	2KJ3503 - ■ FL22 - ■ ■ U1		
52	400	27.74	7 030	1.1	39	2KJ3503 - ■ FL22 - ■ ■ T1		
57	365	25.32	6 980	1.2	39	2KJ3503 - ■ FL22 - ■ ■ S1		
69	300	21.01	6 840	1.5	39	2KJ3503 - ■ FL22 - ■ ■ R1		
74	285	19.77	6 770	1.6	39	2KJ3503 - ■ FL22 - ■ ■ Q1		
78	270	18.67	6 700	1.7	39	2KJ3503 - ■ FL22 - ■ ■ P1		
92	225	15.89	6 560	2.0	39	2KJ3503 - ■ FL22 - ■ ■ N1		
107	197	13.61	6 340	2.3	39	2KJ3503 - ■ FL22 - ■ ■ M1		
122	173	11.97	6 180	2.6	39	2KJ3503 - ■ FL22 - ■ ■ L1		
144	146	10.10	5 950	3.1	39	2KJ3503 - ■ FL22 - ■ ■ K1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
2.2								
B.49-LE100LE4E								
165	127	127	8.80	5 770	3.5	39	2KJ3503 - ■ FL22 - ■ ■ J1	
176	120	120	8.29	5 780	2.8	39	2KJ3503 - ■ FL22 - ■ ■ H1	
187	113	113	7.80	5 690	2.9	39	2KJ3503 - ■ FL22 - ■ ■ G1	
197	106	106	7.37	5 610	3.1	39	2KJ3503 - ■ FL22 - ■ ■ F1	
232	90	90	6.27	5 380	3.6	39	2KJ3503 - ■ FL22 - ■ ■ E1	
271	78	78	5.37	5 150	4.3	39	2KJ3503 - ■ FL22 - ■ ■ D1	
308	68	68	4.72	4 970	4.8	39	2KJ3503 - ■ FL22 - ■ ■ C1	
K.39-LE100LE4E								
86	245	245	16.98	3 510	0.90	32	2KJ3504 - ■ FL22 - ■ ■ L1	
94	220	220	15.41	3 550	0.99	32	2KJ3504 - ■ FL22 - ■ ■ K1	
100	205	205	14.50	3 580	1.1	32	2KJ3504 - ■ FL22 - ■ ■ J1	
114	185	185	12.78	3 540	1.2	32	2KJ3504 - ■ FL22 - ■ ■ H1	
131	160	160	11.09	3 520	1.4	32	2KJ3504 - ■ FL22 - ■ ■ G1	
145	145	145	10.04	3 290	1.3	32	2KJ3504 - ■ FL22 - ■ ■ F1	
165	127	127	8.81	3 270	1.4	32	2KJ3504 - ■ FL22 - ■ ■ E1	
182	115	115	7.99	3 250	1.5	32	2KJ3504 - ■ FL22 - ■ ■ D1	
193	109	109	7.52	3 220	1.6	32	2KJ3504 - ■ FL22 - ■ ■ C1	
219	96	96	6.63	3 180	1.7	32	2KJ3504 - ■ FL22 - ■ ■ B1	
253	83	83	5.75	3 120	1.8	32	2KJ3504 - ■ FL22 - ■ ■ A1	
B.39-LE100LE4E								
72	290	290	20.21	6 180	0.86	31	2KJ3502 - ■ FL22 - ■ ■ P1	
81	255	255	17.90	6 110	0.97	31	2KJ3502 - ■ FL22 - ■ ■ N1	
98	215	215	14.90	5 940	1.2	31	2KJ3502 - ■ FL22 - ■ ■ M1	
104	200	200	14.02	5 900	1.2	31	2KJ3502 - ■ FL22 - ■ ■ L1	
116	181	181	12.56	5 780	1.4	31	2KJ3502 - ■ FL22 - ■ ■ K1	
136	154	154	10.69	5 620	1.6	31	2KJ3502 - ■ FL22 - ■ ■ J1	
159	132	132	9.17	5 450	1.7	31	2KJ3502 - ■ FL22 - ■ ■ H1	
184	114	114	7.89	5 270	1.9	31	2KJ3502 - ■ FL22 - ■ ■ G1	
220	95	95	6.60	5 130	2.1	31	2KJ3502 - ■ FL22 - ■ ■ F1	
234	90	90	6.21	5 050	2.2	31	2KJ3502 - ■ FL22 - ■ ■ E1	
262	80	80	5.56	4 920	2.5	31	2KJ3502 - ■ FL22 - ■ ■ D1	
307	68	68	4.74	4 710	2.9	31	2KJ3502 - ■ FL22 - ■ ■ C1	
358	59	59	4.06	4 520	3.4	31	2KJ3502 - ■ FL22 - ■ ■ B1	
416	50	50	3.50	4 340	3.8	31	2KJ3502 - ■ FL22 - ■ ■ A1	
B.29-LE100LE4E								
153	137	137	9.51	3 110	0.80	27	2KJ3501 - ■ FL22 - ■ ■ K1	
176	119	119	8.25	3 080	0.92	27	2KJ3501 - ■ FL22 - ■ ■ J1	
224	94	94	6.51	2 900	0.80	27	2KJ3501 - ■ FL22 - ■ ■ F1	
258	82	82	5.65	2 840	0.92	27	2KJ3501 - ■ FL22 - ■ ■ E1	
287	73	73	5.07	2 910	1.0	27	2KJ3501 - ■ FL22 - ■ ■ D1	
304	69	69	4.78	2 870	1.1	27	2KJ3501 - ■ FL22 - ■ ■ C1	
346	61	61	4.21	2 800	1.2	27	2KJ3501 - ■ FL22 - ■ ■ B1	
399	53	53	3.65	2 710	1.4	27	2KJ3501 - ■ FL22 - ■ ■ A1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
3	K.149-LE132SC6E							
	4.1	7 000	237.03	65 000	1.1	243	2KJ3513 - ■ HF22 - ■ ■ J2	P01
	4.8	5 990	202.86	65 000	1.3	243	2KJ3513 - ■ HF22 - ■ ■ H2	P01
	5.1	5 630	190.92	65 000	1.4	243	2KJ3513 - ■ HF22 - ■ ■ G2	P01
	5.4	5 280	178.97	65 000	1.5	243	2KJ3513 - ■ HF22 - ■ ■ F2	P01
	K.149-LE100LK4E							
	6.1	4 660	237.03	65 000	1.7	236	2KJ3513 - ■ FM22 - ■ ■ J2	
	7.2	3 990	202.86	65 000	2.0	236	2KJ3513 - ■ FM22 - ■ ■ H2	
	7.6	3 750	190.92	65 000	2.1	236	2KJ3513 - ■ FM22 - ■ ■ G2	
	K.129-LE132SC6E							
	5.9	4 880	165.47	40 000	0.90	174	2KJ3512 - ■ HF22 - ■ ■ F2	P01
	K.129-LE100LK4E							
	6.4	4 490	228.30	40 000	0.98	164	2KJ3512 - ■ FM22 - ■ ■ J2	
	6.9	4 150	210.74	40 000	1.1	164	2KJ3512 - ■ FM22 - ■ ■ H2	
	7.5	3 820	194.04	40 000	1.2	164	2KJ3512 - ■ FM22 - ■ ■ G2	
	8.8	3 250	165.47	40 000	1.4	164	2KJ3512 - ■ FM22 - ■ ■ F2	
9.3	3 060	155.74	40 000	1.4	164	2KJ3512 - ■ FM22 - ■ ■ E2		
10	2 840	144.53	40 000	1.5	164	2KJ3512 - ■ FM22 - ■ ■ D2		
11	2 510	127.77	40 000	1.7	164	2KJ3512 - ■ FM22 - ■ ■ C2		
13	2 240	114.06	40 000	2.0	164	2KJ3512 - ■ FM22 - ■ ■ B2		
14	2 020	102.64	40 000	2.2	164	2KJ3512 - ■ FM22 - ■ ■ A2		
K.109-LE100LK4E								
8.2	3 490	177.43	24 500	0.83	114	2KJ3511 - ■ FM22 - ■ ■ F2		
8.9	3 220	163.78	24 500	0.90	114	2KJ3511 - ■ FM22 - ■ ■ E2		
9.8	2 930	148.88	24 500	0.99	114	2KJ3511 - ■ FM22 - ■ ■ D2		
12	2 330	118.65	24 500	1.2	114	2KJ3511 - ■ FM22 - ■ ■ B2		
12	2 480	126.07	24 500	1.2	114	2KJ3511 - ■ FM22 - ■ ■ C2		
13	2 150	109.57	24 500	1.3	114	2KJ3511 - ■ FM22 - ■ ■ A2		
15	1 920	97.49	24 500	1.5	114	2KJ3511 - ■ FM22 - ■ ■ X1		
17	1 700	86.59	24 500	1.7	114	2KJ3511 - ■ FM22 - ■ ■ W1		
19	1 520	77.51	24 500	1.9	114	2KJ3511 - ■ FM22 - ■ ■ V1		
22	1 300	66.26	24 500	2.2	114	2KJ3511 - ■ FM22 - ■ ■ U1		
K.89-LE100LK4E								
15	1 850	94.16	18 100	0.86	79	2KJ3510 - ■ FM22 - ■ ■ A2		
18	1 620	82.25	18 100	0.99	79	2KJ3510 - ■ FM22 - ■ ■ X1		
20	1 450	73.64	18 100	1.1	79	2KJ3510 - ■ FM22 - ■ ■ W1		
23	1 260	64.39	18 100	1.3	79	2KJ3510 - ■ FM22 - ■ ■ V1		
26	1 080	55.27	18 100	1.5	79	2KJ3510 - ■ FM22 - ■ ■ U1		
30	960	48.85	18 100	1.7	79	2KJ3510 - ■ FM22 - ■ ■ T1		
35	815	41.54	18 100	1.9	79	2KJ3510 - ■ FM22 - ■ ■ S1		
37	770	39.29	18 100	2.1	79	2KJ3510 - ■ FM22 - ■ ■ R1		
44	645	32.96	18 100	2.5	79	2KJ3510 - ■ FM22 - ■ ■ Q1		
47	610	31.03	18 100	2.6	79	2KJ3510 - ■ FM22 - ■ ■ P1		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
3								
K.79-LE100LK4E								
30	970	49.31	13 600	0.84	58	2KJ3508 - ■ FM22 - ■ ■ S1		
35	815	41.60	13 900	0.98	58	2KJ3508 - ■ FM22 - ■ ■ R1		
40	710	36.26	14 100	1.1	58	2KJ3508 - ■ FM22 - ■ ■ Q1		
44	645	32.78	14 300	1.3	58	2KJ3508 - ■ FM22 - ■ ■ P1		
53	535	27.20	14 400	1.5	58	2KJ3508 - ■ FM22 - ■ ■ N1		
57	500	25.60	14 400	1.6	58	2KJ3508 - ■ FM22 - ■ ■ M1		
60	475	24.17	14 400	1.6	58	2KJ3508 - ■ FM22 - ■ ■ L1		
71	405	20.57	14 400	1.8	58	2KJ3508 - ■ FM22 - ■ ■ K1		
83	345	17.62	14 400	2.1	58	2KJ3508 - ■ FM22 - ■ ■ J1		
94	305	15.49	14 400	2.3	58	2KJ3508 - ■ FM22 - ■ ■ H1		
111	255	13.07	14 400	2.6	58	2KJ3508 - ■ FM22 - ■ ■ G1		
128	220	11.39	14 400	2.9	58	2KJ3508 - ■ FM22 - ■ ■ F1		
138	205	10.51	14 100	2.2	58	2KJ3508 - ■ FM22 - ■ ■ E1		
161	177	9.01	13 500	2.5	58	2KJ3508 - ■ FM22 - ■ ■ D1		
184	156	7.92	13 100	2.9	58	2KJ3508 - ■ FM22 - ■ ■ C1		
218	132	6.68	12 600	3.5	58	2KJ3508 - ■ FM22 - ■ ■ B1		
250	115	5.82	12 100	3.8	58	2KJ3508 - ■ FM22 - ■ ■ A1		
K.69-LE100LK4E								
43	655	33.48	5 960	0.88	52	2KJ3507 - ■ FM22 - ■ ■ Q1		
50	575	29.18	6 050	0.97	52	2KJ3507 - ■ FM22 - ■ ■ P1		
56	510	26.05	6 140	1.2	52	2KJ3507 - ■ FM22 - ■ ■ N1		
59	480	24.52	6 150	1.2	52	2KJ3507 - ■ FM22 - ■ ■ M1		
63	455	23.15	6 150	1.3	52	2KJ3507 - ■ FM22 - ■ ■ L1		
74	385	19.70	6 160	1.4	52	2KJ3507 - ■ FM22 - ■ ■ K1		
86	330	16.88	6 100	1.6	52	2KJ3507 - ■ FM22 - ■ ■ J1		
98	290	14.84	6 030	1.8	52	2KJ3507 - ■ FM22 - ■ ■ H1		
116	245	12.52	5 910	2.0	52	2KJ3507 - ■ FM22 - ■ ■ G1		
133	215	10.91	5 780	2.2	52	2KJ3507 - ■ FM22 - ■ ■ F1		
156	184	9.34	5 300	2.0	52	2KJ3507 - ■ FM22 - ■ ■ E1		
182	158	8.01	5 180	2.3	52	2KJ3507 - ■ FM22 - ■ ■ D1		
207	139	7.04	5 070	2.6	52	2KJ3507 - ■ FM22 - ■ ■ C1		
245	117	5.94	4 920	2.9	52	2KJ3507 - ■ FM22 - ■ ■ B1		
281	102	5.18	4 790	3.2	52	2KJ3507 - ■ FM22 - ■ ■ A1		
K.49-LE100LK4E								
55	515	26.30	3 070	0.81	46	2KJ3505 - ■ FM22 - ■ ■ P1		
62	455	23.28	3 260	0.92	46	2KJ3505 - ■ FM22 - ■ ■ N1		
75	380	19.38	3 440	1.1	46	2KJ3505 - ■ FM22 - ■ ■ M1		
80	355	18.24	3 510	1.2	46	2KJ3505 - ■ FM22 - ■ ■ L1		
89	320	16.34	3 550	1.3	46	2KJ3505 - ■ FM22 - ■ ■ K1		
105	270	13.91	3 630	1.5	46	2KJ3505 - ■ FM22 - ■ ■ J1		
122	235	11.93	3 610	1.8	46	2KJ3505 - ■ FM22 - ■ ■ H1		
142	200	10.27	3 620	2.1	46	2KJ3505 - ■ FM22 - ■ ■ G1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
3								
K.49-LE100LK4E								
149	192	9.75	3 490	1.4	46	2KJ3505 - ■ FM22 - ■ ■ F1		
158	181	9.18	3 480	1.5	46	2KJ3505 - ■ FM22 - ■ ■ E1		
177	162	8.22	3 460	1.6	46	2KJ3505 - ■ FM22 - ■ ■ D1		
208	138	7.00	3 410	1.7	46	2KJ3505 - ■ FM22 - ■ ■ C1		
242	118	6.00	3 350	1.9	46	2KJ3505 - ■ FM22 - ■ ■ B1		
281	102	5.17	3 270	2.1	46	2KJ3505 - ■ FM22 - ■ ■ A1		
B.49-LE100LK4E								
52	545	27.74	6 070	0.82	43	2KJ3503 - ■ FM22 - ■ ■ T1		
57	495	25.32	6 110	0.90	43	2KJ3503 - ■ FM22 - ■ ■ S1		
69	410	21.01	6 110	1.1	43	2KJ3503 - ■ FM22 - ■ ■ R1		
74	385	19.77	6 100	1.2	43	2KJ3503 - ■ FM22 - ■ ■ Q1		
78	365	18.67	6 070	1.2	43	2KJ3503 - ■ FM22 - ■ ■ P1		
92	310	15.89	5 990	1.4	43	2KJ3503 - ■ FM22 - ■ ■ N1		
107	265	13.61	5 880	1.7	43	2KJ3503 - ■ FM22 - ■ ■ M1		
122	235	11.97	5 760	1.9	43	2KJ3503 - ■ FM22 - ■ ■ L1		
144	199	10.10	5 600	2.3	43	2KJ3503 - ■ FM22 - ■ ■ K1		
165	173	8.80	5 460	2.6	43	2KJ3503 - ■ FM22 - ■ ■ J1		
176	163	8.29	5 520	2.0	43	2KJ3503 - ■ FM22 - ■ ■ H1		
187	154	7.80	5 450	2.1	43	2KJ3503 - ■ FM22 - ■ ■ G1		
197	145	7.37	5 380	2.3	43	2KJ3503 - ■ FM22 - ■ ■ F1		
232	123	6.27	5 180	2.7	43	2KJ3503 - ■ FM22 - ■ ■ E1		
271	106	5.37	4 980	3.1	43	2KJ3503 - ■ FM22 - ■ ■ D1		
308	93	4.72	4 820	3.6	43	2KJ3503 - ■ FM22 - ■ ■ C1		
366	78	3.98	4 620	4.2	43	2KJ3503 - ■ FM22 - ■ ■ B1		
419	68	3.47	4 450	4.8	43	2KJ3503 - ■ FM22 - ■ ■ A1		
K.39-LE100LK4E								
114	250	12.78	2 950	0.87	36	2KJ3504 - ■ FM22 - ■ ■ H1		
131	215	11.09	3 020	1.0	36	2KJ3504 - ■ FM22 - ■ ■ G1		
145	198	10.04	2 730	0.93	36	2KJ3504 - ■ FM22 - ■ ■ F1		
165	173	8.81	2 790	1.1	36	2KJ3504 - ■ FM22 - ■ ■ E1		
182	157	7.99	2 810	1.1	36	2KJ3504 - ■ FM22 - ■ ■ D1		
193	148	7.52	2 820	1.2	36	2KJ3504 - ■ FM22 - ■ ■ C1		
219	131	6.63	2 810	1.2	36	2KJ3504 - ■ FM22 - ■ ■ B1		
253	113	5.75	2 810	1.3	36	2KJ3504 - ■ FM22 - ■ ■ A1		
B.39-LE100LK4E								
98	290	14.90	5 360	0.85	35	2KJ3502 - ■ FM22 - ■ ■ M1		
104	275	14.02	5 330	0.91	35	2KJ3502 - ■ FM22 - ■ ■ L1		
116	245	12.56	5 290	1.0	35	2KJ3502 - ■ FM22 - ■ ■ K1		
136	210	10.69	5 180	1.1	35	2KJ3502 - ■ FM22 - ■ ■ J1		
159	181	9.17	5 070	1.3	35	2KJ3502 - ■ FM22 - ■ ■ H1		
184	155	7.89	4 950	1.4	35	2KJ3502 - ■ FM22 - ■ ■ G1		
220	130	6.60	4 890	1.5	35	2KJ3502 - ■ FM22 - ■ ■ F1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
3	B.39-LE100LK4E							
	234	122	6.21	4 830	1.6	35	2KJ3502 - ■ FM22 - ■ ■ E1	
	262	109	5.56	4 720	1.8	35	2KJ3502 - ■ FM22 - ■ ■ D1	
	307	93	4.74	4 540	2.1	35	2KJ3502 - ■ FM22 - ■ ■ C1	
	358	80	4.06	4 370	2.5	35	2KJ3502 - ■ FM22 - ■ ■ B1	
	416	69	3.50	4 210	2.8	35	2KJ3502 - ■ FM22 - ■ ■ A1	
	B.29-LE100LK4E							
	346	83	4.21	2 600	0.89	31	2KJ3501 - ■ FM22 - ■ ■ B1	
	399	72	3.65	2 550	1.0	31	2KJ3501 - ■ FM22 - ■ ■ A1	
	4	K.149-LE132MB6E						
4.1		9 330	237.03	65 000	0.86	248	2KJ3513 - ■ HH22 - ■ ■ J2	P01
4.8		7 980	202.86	65 000	1.0	248	2KJ3513 - ■ HH22 - ■ ■ H2	P01
5.1		7 510	190.92	65 000	1.1	248	2KJ3513 - ■ HH22 - ■ ■ G2	P01
5.4		7 040	178.97	65 000	1.1	248	2KJ3513 - ■ HH22 - ■ ■ F2	P01
K.149-LE112ME4E								
6.2		6 200	237.03	65 000	1.3	236	2KJ3513 - ■ GH22 - ■ ■ J2	
7.2		5 300	202.86	65 000	1.5	236	2KJ3513 - ■ GH22 - ■ ■ H2	
7.6		4 990	190.92	65 000	1.6	236	2KJ3513 - ■ GH22 - ■ ■ G2	
8.2		4 680	178.97	65 000	1.7	236	2KJ3513 - ■ GH22 - ■ ■ F2	
9.2		4 150	158.65	65 000	1.9	236	2KJ3513 - ■ GH22 - ■ ■ E2	
10		3 680	140.93	65 000	2.2	236	2KJ3513 - ■ GH22 - ■ ■ D2	
K.129-LE112ME4E								
6.9		5 510	210.74	39 800	0.8	165	2KJ3512 - ■ GH22 - ■ ■ H2	
7.5		5 070	194.04	40 000	0.87	165	2KJ3512 - ■ GH22 - ■ ■ G2	
8.8		4 320	165.47	40 000	1.0	165	2KJ3512 - ■ GH22 - ■ ■ F2	
9.4		4 070	155.74	40 000	1.1	165	2KJ3512 - ■ GH22 - ■ ■ E2	
10		3 780	144.53	40 000	1.2	165	2KJ3512 - ■ GH22 - ■ ■ D2	
11		3 340	127.77	40 000	1.3	165	2KJ3512 - ■ GH22 - ■ ■ C2	
13		2 980	114.06	40 000	1.5	165	2KJ3512 - ■ GH22 - ■ ■ B2	
14		2 680	102.64	40 000	1.6	165	2KJ3512 - ■ GH22 - ■ ■ A2	
16		2 330	89.09	40 000	1.9	165	2KJ3512 - ■ GH22 - ■ ■ X1	
18		2 090	80.12	40 000	2.1	165	2KJ3512 - ■ GH22 - ■ ■ W1	
21		1 830	70.03	40 000	2.4	165	2KJ3512 - ■ GH22 - ■ ■ V1	
K.109-LE112ME4E								
12		3 100	118.65	24 500	0.93	115	2KJ3511 - ■ GH22 - ■ ■ B2	
12		3 290	126.07	24 500	0.88	115	2KJ3511 - ■ GH22 - ■ ■ C2	
13		2 860	109.57	24 500	1.0	115	2KJ3511 - ■ GH22 - ■ ■ A2	
15		2 550	97.49	24 500	1.1	115	2KJ3511 - ■ GH22 - ■ ■ X1	
17		2 260	86.59	24 500	1.3	115	2KJ3511 - ■ GH22 - ■ ■ W1	
19	2 020	77.51	24 500	1.4	115	2KJ3511 - ■ GH22 - ■ ■ V1		
22	1 730	66.26	24 500	1.7	115	2KJ3511 - ■ GH22 - ■ ■ U1		
25	1 540	59.17	24 500	1.9	115	2KJ3511 - ■ GH22 - ■ ■ T1		
28	1 360	52.29	24 500	2.1	115	2KJ3511 - ■ GH22 - ■ ■ S1		
32	1 200	45.89	24 500	2.4	115	2KJ3511 - ■ GH22 - ■ ■ R1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
4								
K.89-LE112ME4E								
20	1 920	73.64	18 100	0.83	79	2KJ3510 - ■ GH22 - ■ ■ W1		
23	1 680	64.39	18 100	0.95	79	2KJ3510 - ■ GH22 - ■ ■ V1		
26	1 440	55.27	18 100	1.1	79	2KJ3510 - ■ GH22 - ■ ■ U1		
30	1 270	48.85	18 100	1.3	79	2KJ3510 - ■ GH22 - ■ ■ T1		
35	1 080	41.54	18 100	1.4	79	2KJ3510 - ■ GH22 - ■ ■ S1		
37	1 020	39.29	18 100	1.6	79	2KJ3510 - ■ GH22 - ■ ■ R1		
44	860	32.96	18 100	1.9	79	2KJ3510 - ■ GH22 - ■ ■ Q1		
47	810	31.03	18 100	2.0	79	2KJ3510 - ■ GH22 - ■ ■ P1		
51	745	28.46	18 100	2.1	79	2KJ3510 - ■ GH22 - ■ ■ N1		
59	650	24.86	18 100	2.5	79	2KJ3510 - ■ GH22 - ■ ■ M1		
66	580	22.26	18 100	2.7	79	2KJ3510 - ■ GH22 - ■ ■ L1		
75	505	19.46	18 100	3.1	79	2KJ3510 - ■ GH22 - ■ ■ K1		
139	275	10.51	18 100	3.1	79	2KJ3510 - ■ GH22 - ■ ■ E1		
162	235	9.02	18 100	3.4	79	2KJ3510 - ■ GH22 - ■ ■ D1		
183	205	7.97	18 000	3.7	79	2KJ3510 - ■ GH22 - ■ ■ C1		
215	177	6.78	17 300	4.1	79	2KJ3510 - ■ GH22 - ■ ■ B1		
251	152	5.81	16 600	4.4	79	2KJ3510 - ■ GH22 - ■ ■ A1		
K.79-LE112ME4E								
40	945	36.26	13 700	0.81	59	2KJ3508 - ■ GH22 - ■ ■ Q1		
45	855	32.78	13 900	0.96	59	2KJ3508 - ■ GH22 - ■ ■ P1		
54	710	27.20	14 100	1.1	59	2KJ3508 - ■ GH22 - ■ ■ N1		
57	670	25.60	14 200	1.2	59	2KJ3508 - ■ GH22 - ■ ■ M1		
60	630	24.17	14 300	1.2	59	2KJ3508 - ■ GH22 - ■ ■ L1		
71	535	20.57	14 400	1.4	59	2KJ3508 - ■ GH22 - ■ ■ K1		
83	460	17.62	14 400	1.6	59	2KJ3508 - ■ GH22 - ■ ■ J1		
94	405	15.49	14 400	1.7	59	2KJ3508 - ■ GH22 - ■ ■ H1		
112	340	13.07	14 400	1.9	59	2KJ3508 - ■ GH22 - ■ ■ G1		
128	295	11.39	14 000	2.2	59	2KJ3508 - ■ GH22 - ■ ■ F1		
139	275	10.51	13 600	1.6	59	2KJ3508 - ■ GH22 - ■ ■ E1		
162	235	9.01	13 200	1.9	59	2KJ3508 - ■ GH22 - ■ ■ D1		
184	205	7.92	12 800	2.2	59	2KJ3508 - ■ GH22 - ■ ■ C1		
219	175	6.68	12 300	2.6	59	2KJ3508 - ■ GH22 - ■ ■ B1		
251	152	5.82	11 900	2.8	59	2KJ3508 - ■ GH22 - ■ ■ A1		
K.69-LE112ME4E								
56	680	26.05	4 910	0.88	53	2KJ3507 - ■ GH22 - ■ ■ N1		
60	640	24.52	5 000	0.93	53	2KJ3507 - ■ GH22 - ■ ■ M1		
63	605	23.15	5 070	0.97	53	2KJ3507 - ■ GH22 - ■ ■ L1		
74	515	19.70	5 220	1.1	53	2KJ3507 - ■ GH22 - ■ ■ K1		
86	440	16.88	5 310	1.2	53	2KJ3507 - ■ GH22 - ■ ■ J1		
98	385	14.84	5 350	1.3	53	2KJ3507 - ■ GH22 - ■ ■ H1		
117	325	12.52	5 330	1.5	53	2KJ3507 - ■ GH22 - ■ ■ G1		
134	285	10.91	5 270	1.6	53	2KJ3507 - ■ GH22 - ■ ■ F1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
4	K.69-LE112ME4E							
	156	240	9.34	4 790	1.5	53	2KJ3507 - ■ GH22 - ■ ■ E1	
	182	210	8.01	4 710	1.7	53	2KJ3507 - ■ GH22 - ■ ■ D1	
	207	184	7.04	4 660	2.0	53	2KJ3507 - ■ GH22 - ■ ■ C1	
	246	155	5.94	4 570	2.2	53	2KJ3507 - ■ GH22 - ■ ■ B1	
	282	136	5.18	4 480	2.4	53	2KJ3507 - ■ GH22 - ■ ■ A1	
	K.49-LE112ME4E							
	75	505	19.38	2 460	0.83	47	2KJ3505 - ■ GH22 - ■ ■ M1	
	80	475	18.24	2 560	0.88	47	2KJ3505 - ■ GH22 - ■ ■ L1	
	89	425	16.34	2 730	0.98	47	2KJ3505 - ■ GH22 - ■ ■ K1	
	105	360	13.91	2 920	1.2	47	2KJ3505 - ■ GH22 - ■ ■ J1	
	122	310	11.93	3 020	1.3	47	2KJ3505 - ■ GH22 - ■ ■ H1	
	142	265	10.27	3 110	1.5	47	2KJ3505 - ■ GH22 - ■ ■ G1	
	150	255	9.75	2 960	1.1	47	2KJ3505 - ■ GH22 - ■ ■ F1	
	159	240	9.18	2 980	1.1	47	2KJ3505 - ■ GH22 - ■ ■ E1	
178	215	8.22	3 010	1.2	47	2KJ3505 - ■ GH22 - ■ ■ D1		
209	183	7.00	3 030	1.3	47	2KJ3505 - ■ GH22 - ■ ■ C1		
243	157	6.00	3 020	1.4	47	2KJ3505 - ■ GH22 - ■ ■ B1		
282	135	5.17	2 990	1.6	47	2KJ3505 - ■ GH22 - ■ ■ A1		
B.49-LE112ME4E								
69	550	21.01	5 170	0.82	44	2KJ3503 - ■ GH22 - ■ ■ R1		
74	515	19.77	5 230	0.87	44	2KJ3503 - ■ GH22 - ■ ■ Q1		
78	485	18.67	5 260	0.92	44	2KJ3503 - ■ GH22 - ■ ■ P1		
92	415	15.89	5 280	1.1	44	2KJ3503 - ■ GH22 - ■ ■ N1		
107	355	13.61	5 280	1.3	44	2KJ3503 - ■ GH22 - ■ ■ M1		
122	310	11.97	5 250	1.4	44	2KJ3503 - ■ GH22 - ■ ■ L1		
145	260	10.10	5 180	1.7	44	2KJ3503 - ■ GH22 - ■ ■ K1		
166	230	8.80	5 070	2.0	44	2KJ3503 - ■ GH22 - ■ ■ J1		
176	215	8.29	5 210	1.5	44	2KJ3503 - ■ GH22 - ■ ■ H1		
187	200	7.80	5 170	1.6	44	2KJ3503 - ■ GH22 - ■ ■ G1		
198	193	7.37	5 090	1.7	44	2KJ3503 - ■ GH22 - ■ ■ F1		
233	164	6.27	4 930	2.0	44	2KJ3503 - ■ GH22 - ■ ■ E1		
272	141	5.37	4 770	2.3	44	2KJ3503 - ■ GH22 - ■ ■ D1		
309	123	4.72	4 640	2.7	44	2KJ3503 - ■ GH22 - ■ ■ C1		
367	104	3.98	4 460	3.2	44	2KJ3503 - ■ GH22 - ■ ■ B1		
421	91	3.47	4 310	3.6	44	2KJ3503 - ■ GH22 - ■ ■ A1		
K.39-LE112ME4E								
183	205	7.99	2 300	0.84	40	2KJ3504 - ■ GH22 - ■ ■ D1		
194	197	7.52	2 300	0.87	40	2KJ3504 - ■ GH22 - ■ ■ C1		
220	173	6.63	2 370	0.93	40	2KJ3504 - ■ GH22 - ■ ■ B1		
254	150	5.75	2 420	1.0	40	2KJ3504 - ■ GH22 - ■ ■ A1		
B.39-LE112ME4E								
137	280	10.69	4 640	0.86	39	2KJ3502 - ■ GH22 - ■ ■ J1		
159	240	9.17	4 600	0.96	39	2KJ3502 - ■ GH22 - ■ ■ H1		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
4	B.39-LE112ME4E							
	185	205	7.89	4 560	1.1	39	2KJ3502 - ■ GH22 - ■ ■ G1	
	221	173	6.60	4 580	1.2	39	2KJ3502 - ■ GH22 - ■ ■ F1	
	235	162	6.21	4 550	1.2	39	2KJ3502 - ■ GH22 - ■ ■ E1	
	263	145	5.56	4 460	1.4	39	2KJ3502 - ■ GH22 - ■ ■ D1	
	308	124	4.74	4 320	1.6	39	2KJ3502 - ■ GH22 - ■ ■ C1	
	360	106	4.06	4 180	1.9	39	2KJ3502 - ■ GH22 - ■ ■ B1	
	417	92	3.50	4 040	2.1	39	2KJ3502 - ■ GH22 - ■ ■ A1	
5.5	K.149-LE132MJ6E							
	5.4	9 690	178.97	65 000	0.83	257	2KJ3513 - ■ HL22 - ■ ■ F2	P01
	K.149-LE132SF4E							
	6.2	8 490	237.03	65 000	0.94	247	2KJ3513 - ■ HG22 - ■ ■ J2	
	7.2	7 270	202.86	65 000	1.1	247	2KJ3513 - ■ HG22 - ■ ■ H2	
	7.7	6 840	190.92	65 000	1.2	247	2KJ3513 - ■ HG22 - ■ ■ G2	
	8.2	6 410	178.97	65 000	1.2	247	2KJ3513 - ■ HG22 - ■ ■ F2	
	9.2	5 680	158.65	65 000	1.4	247	2KJ3513 - ■ HG22 - ■ ■ E2	
	10	5 050	140.93	65 000	1.6	247	2KJ3513 - ■ HG22 - ■ ■ D2	
	12	4 550	127.16	65 000	1.8	247	2KJ3513 - ■ HG22 - ■ ■ C2	
	13	4 040	112.68	65 000	2.0	247	2KJ3513 - ■ HG22 - ■ ■ B2	
	15	3 570	99.79	65 000	2.2	247	2KJ3513 - ■ HG22 - ■ ■ A2	
	K.129-LE132SF4E							
	10	5 180	144.53	40 000	0.85	178	2KJ3512 - ■ HG22 - ■ ■ D2	
	11	4 580	127.77	40 000	0.96	178	2KJ3512 - ■ HG22 - ■ ■ C2	
	13	4 080	114.06	40 000	1.1	178	2KJ3512 - ■ HG22 - ■ ■ B2	
	14	3 680	102.64	40 000	1.2	178	2KJ3512 - ■ HG22 - ■ ■ A2	
	16	3 190	89.09	40 000	1.4	178	2KJ3512 - ■ HG22 - ■ ■ X1	
	18	2 870	80.12	40 000	1.5	178	2KJ3512 - ■ HG22 - ■ ■ W1	
	21	2 510	70.03	40 000	1.8	178	2KJ3512 - ■ HG22 - ■ ■ V1	
	23	2 240	62.49	40 000	2.0	178	2KJ3512 - ■ HG22 - ■ ■ U1	
	27	1 970	55.05	40 000	2.2	178	2KJ3512 - ■ HG22 - ■ ■ T1	
	30	1 730	48.24	40 000	2.5	178	2KJ3512 - ■ HG22 - ■ ■ S1	
	K.109-LE132SF4E							
	15	3 490	97.49	24 500	0.83	129	2KJ3511 - ■ HG22 - ■ ■ X1	
	17	3 100	86.59	24 500	0.93	129	2KJ3511 - ■ HG22 - ■ ■ W1	
	19	2 770	77.51	24 500	1.0	129	2KJ3511 - ■ HG22 - ■ ■ V1	
	22	2 370	66.26	24 500	1.2	129	2KJ3511 - ■ HG22 - ■ ■ U1	
	25	2 120	59.17	24 500	1.4	129	2KJ3511 - ■ HG22 - ■ ■ T1	
28	1 870	52.29	24 500	1.5	129	2KJ3511 - ■ HG22 - ■ ■ S1		
32	1 640	45.89	24 500	1.8	129	2KJ3511 - ■ HG22 - ■ ■ R1		
37	1 430	39.95	24 500	2.0	129	2KJ3511 - ■ HG22 - ■ ■ Q1		
43	1 220	34.15	24 500	2.2	129	2KJ3511 - ■ HG22 - ■ ■ P1		
50	1 040	29.23	24 500	2.5	129	2KJ3511 - ■ HG22 - ■ ■ N1		
59	895	24.98	24 500	2.7	129	2KJ3511 - ■ HG22 - ■ ■ M1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
5.5								
K.109-LE132SF4E								
66	800	22.31	24 500	3.0	129	2KJ3511	- ■ HG22 - ■ ■ L1	
140	375	10.45	21 400	3.4	129	2KJ3511	- ■ HG22 - ■ ■ E1	
160	325	9.17	20 700	3.9	129	2KJ3511	- ■ HG22 - ■ ■ D1	
K.89-LE132SF4E								
27	1 980	55.27	18 100	0.81	93	2KJ3510	- ■ HG22 - ■ ■ U1	
30	1 750	48.85	18 100	0.91	93	2KJ3510	- ■ HG22 - ■ ■ T1	
35	1 480	41.54	18 100	1.1	93	2KJ3510	- ■ HG22 - ■ ■ S1	
37	1 400	39.29	18 100	1.1	93	2KJ3510	- ■ HG22 - ■ ■ R1	
44	1 180	32.96	18 100	1.4	93	2KJ3510	- ■ HG22 - ■ ■ Q1	
47	1 110	31.03	18 100	1.4	93	2KJ3510	- ■ HG22 - ■ ■ P1	
51	1 020	28.46	18 100	1.6	93	2KJ3510	- ■ HG22 - ■ ■ N1	
59	890	24.86	18 100	1.8	93	2KJ3510	- ■ HG22 - ■ ■ M1	
66	795	22.26	18 100	2.0	93	2KJ3510	- ■ HG22 - ■ ■ L1	
75	695	19.46	18 100	2.2	93	2KJ3510	- ■ HG22 - ■ ■ K1	
88	595	16.71	18 100	2.5	93	2KJ3510	- ■ HG22 - ■ ■ J1	
99	530	14.77	18 100	2.7	93	2KJ3510	- ■ HG22 - ■ ■ H1	
117	450	12.56	18 100	3.0	93	2KJ3510	- ■ HG22 - ■ ■ G1	
136	385	10.76	18 100	3.2	93	2KJ3510	- ■ HG22 - ■ ■ F1	
139	375	10.51	18 100	2.2	93	2KJ3510	- ■ HG22 - ■ ■ E1	
162	320	9.02	18 100	2.5	93	2KJ3510	- ■ HG22 - ■ ■ D1	
184	285	7.97	17 500	2.7	93	2KJ3510	- ■ HG22 - ■ ■ C1	
216	240	6.78	16 900	3.0	93	2KJ3510	- ■ HG22 - ■ ■ B1	
252	205	5.81	16 300	3.2	93	2KJ3510	- ■ HG22 - ■ ■ A1	
K.79-LE132SF4E								
54	975	27.20	13 600	0.82	72	2KJ3508	- ■ HG22 - ■ ■ N1	
57	915	25.60	13 700	0.86	72	2KJ3508	- ■ HG22 - ■ ■ M1	
61	865	24.17	13 800	0.89	72	2KJ3508	- ■ HG22 - ■ ■ L1	
71	735	20.57	14 100	1.0	72	2KJ3508	- ■ HG22 - ■ ■ K1	
83	630	17.62	14 300	1.1	72	2KJ3508	- ■ HG22 - ■ ■ J1	
95	555	15.49	14 000	1.3	72	2KJ3508	- ■ HG22 - ■ ■ H1	
112	465	13.07	13 700	1.4	72	2KJ3508	- ■ HG22 - ■ ■ G1	
129	405	11.39	13 300	1.6	72	2KJ3508	- ■ HG22 - ■ ■ F1	
139	375	10.51	13 000	1.2	72	2KJ3508	- ■ HG22 - ■ ■ E1	
163	320	9.01	12 600	1.4	72	2KJ3508	- ■ HG22 - ■ ■ D1	
185	280	7.92	12 300	1.6	72	2KJ3508	- ■ HG22 - ■ ■ C1	
219	235	6.68	11 900	1.9	72	2KJ3508	- ■ HG22 - ■ ■ B1	
252	205	5.82	11 500	2.1	72	2KJ3508	- ■ HG22 - ■ ■ A1	
K.69-LE132SF4E								
87	605	16.88	4 120	0.88	66	2KJ3507	- ■ HG22 - ■ ■ J1	
99	530	14.84	4 300	0.97	66	2KJ3507	- ■ HG22 - ■ ■ H1	
117	445	12.52	4 460	1.1	66	2KJ3507	- ■ HG22 - ■ ■ G1	
134	390	10.91	4 510	1.2	66	2KJ3507	- ■ HG22 - ■ ■ F1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
5.5	K.69-LE132SF4E							
	157	335	9.34	3 930	1.1	66	2KJ3507 - ■ HG22 - ■ ■ E1	
	183	285	8.01	4 030	1.3	66	2KJ3507 - ■ HG22 - ■ ■ D1	
	208	250	7.04	4 060	1.4	66	2KJ3507 - ■ HG22 - ■ ■ C1	
	247	210	5.94	4 080	1.6	66	2KJ3507 - ■ HG22 - ■ ■ B1	
	283	186	5.18	4 020	1.8	66	2KJ3507 - ■ HG22 - ■ ■ A1	
	K.49-LE132SF4E							
	105	495	13.91	1 860	0.84	60	2KJ3505 - ■ HG22 - ■ ■ J1	
	123	425	11.93	2 120	0.98	60	2KJ3505 - ■ HG22 - ■ ■ H1	
	143	365	10.27	2 320	1.1	60	2KJ3505 - ■ HG22 - ■ ■ G1	
	160	325	9.18	2 270	0.82	60	2KJ3505 - ■ HG22 - ■ ■ E1	
	178	295	8.22	2 340	0.87	60	2KJ3505 - ■ HG22 - ■ ■ D1	
	209	250	7.00	2 460	0.96	60	2KJ3505 - ■ HG22 - ■ ■ C1	
	244	215	6.00	2 530	1.0	60	2KJ3505 - ■ HG22 - ■ ■ B1	
	283	185	5.17	2 570	1.1	60	2KJ3505 - ■ HG22 - ■ ■ A1	
	B.49-LE132SF4E							
	108	485	13.61	4 400	0.92	57	2KJ3503 - ■ HG22 - ■ ■ M1	
	122	425	11.97	4 480	1.0	57	2KJ3503 - ■ HG22 - ■ ■ L1	
	145	360	10.10	4 510	1.2	57	2KJ3503 - ■ HG22 - ■ ■ K1	
	166	315	8.80	4 500	1.4	57	2KJ3503 - ■ HG22 - ■ ■ J1	
	177	295	8.29	4 730	1.1	57	2KJ3503 - ■ HG22 - ■ ■ H1	
	188	280	7.80	4 690	1.2	57	2KJ3503 - ■ HG22 - ■ ■ G1	
	199	260	7.37	4 690	1.2	57	2KJ3503 - ■ HG22 - ■ ■ F1	
	234	225	6.27	4 570	1.5	57	2KJ3503 - ■ HG22 - ■ ■ E1	
	273	193	5.37	4 460	1.7	57	2KJ3503 - ■ HG22 - ■ ■ D1	
	310	169	4.72	4 360	2.0	57	2KJ3503 - ■ HG22 - ■ ■ C1	
	368	143	3.98	4 220	2.3	57	2KJ3503 - ■ HG22 - ■ ■ B1	
	422	124	3.47	4 110	2.6	57	2KJ3503 - ■ HG22 - ■ ■ A1	
7.5	K.149-LE132MF4E							
	7.2	9 910	202.86	65 000	0.81	248	2KJ3513 - ■ HJ22 - ■ ■ H2	
	7.7	9 330	190.92	65 000	0.86	248	2KJ3513 - ■ HJ22 - ■ ■ G2	
	8.2	8 750	178.97	65 000	0.91	248	2KJ3513 - ■ HJ22 - ■ ■ F2	
	9.2	7 750	158.65	65 000	1.0	248	2KJ3513 - ■ HJ22 - ■ ■ E2	
	10	6 890	140.93	65 000	1.2	248	2KJ3513 - ■ HJ22 - ■ ■ D2	
	12	6 210	127.16	65 000	1.3	248	2KJ3513 - ■ HJ22 - ■ ■ C2	
	13	5 500	112.68	65 000	1.5	248	2KJ3513 - ■ HJ22 - ■ ■ B2	
	15	4 870	99.79	64 100	1.6	248	2KJ3513 - ■ HJ22 - ■ ■ A2	
	16	4 340	88.81	62 900	1.8	248	2KJ3513 - ■ HJ22 - ■ ■ X1	
	18	3 890	79.59	61 700	2.1	248	2KJ3513 - ■ HJ22 - ■ ■ W1	
	21	3 450	70.56	60 400	2.3	248	2KJ3513 - ■ HJ22 - ■ ■ V1	
	K.129-LE132MF4E							
	14	5 010	102.64	40 000	0.88	179	2KJ3512 - ■ HJ22 - ■ ■ A2	
	16	4 350	89.09	40 000	1.0	179	2KJ3512 - ■ HJ22 - ■ ■ X1	

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Shaft design

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
7.5								
K.129-LE132MF4E								
18	3 910	80.12	40 000	1.1	179	2KJ3512 - ■ HJ22 - ■ ■ W1		
21	3 420	70.03	40 000	1.3	179	2KJ3512 - ■ HJ22 - ■ ■ V1		
23	3 050	62.49	40 000	1.4	179	2KJ3512 - ■ HJ22 - ■ ■ U1		
27	2 690	55.05	40 000	1.6	179	2KJ3512 - ■ HJ22 - ■ ■ T1		
30	2 350	48.24	39 300	1.9	179	2KJ3512 - ■ HJ22 - ■ ■ S1		
35	2 050	42.04	38 400	2.1	179	2KJ3512 - ■ HJ22 - ■ ■ R1		
38	1 870	38.37	37 700	2.3	179	2KJ3512 - ■ HJ22 - ■ ■ Q1		
44	1 610	33.03	36 700	2.7	179	2KJ3512 - ■ HJ22 - ■ ■ P1		
K.109-LE132MF4E								
22	3 240	66.26	24 500	0.9	130	2KJ3511 - ■ HJ22 - ■ ■ U1		
25	2 890	59.17	24 500	1.0	130	2KJ3511 - ■ HJ22 - ■ ■ T1		
28	2 550	52.29	24 500	1.1	130	2KJ3511 - ■ HJ22 - ■ ■ S1		
32	2 240	45.89	24 500	1.3	130	2KJ3511 - ■ HJ22 - ■ ■ R1		
37	1 950	39.95	24 500	1.4	130	2KJ3511 - ■ HJ22 - ■ ■ Q1		
43	1 670	34.15	24 500	1.6	130	2KJ3511 - ■ HJ22 - ■ ■ P1		
50	1 420	29.23	24 500	1.8	130	2KJ3511 - ■ HJ22 - ■ ■ N1		
59	1 220	24.98	24 500	1.9	130	2KJ3511 - ■ HJ22 - ■ ■ M1		
66	1 090	22.31	24 500	2.2	130	2KJ3511 - ■ HJ22 - ■ ■ L1		
74	960	19.71	24 200	2.5	130	2KJ3511 - ■ HJ22 - ■ ■ K1		
85	845	17.30	23 600	2.8	130	2KJ3511 - ■ HJ22 - ■ ■ J1		
97	735	15.06	22 900	3.1	130	2KJ3511 - ■ HJ22 - ■ ■ H1		
114	625	12.87	22 100	3.5	130	2KJ3511 - ■ HJ22 - ■ ■ G1		
140	510	10.45	20 800	2.5	130	2KJ3511 - ■ HJ22 - ■ ■ E1		
160	445	9.17	20 200	2.8	130	2KJ3511 - ■ HJ22 - ■ ■ D1		
183	390	7.99	19 500	3.3	130	2KJ3511 - ■ HJ22 - ■ ■ C1		
214	330	6.83	18 800	3.9	130	2KJ3511 - ■ HJ22 - ■ ■ B1		
251	285	5.84	18 100	4.6	130	2KJ3511 - ■ HJ22 - ■ ■ A1		
K.89-LE132MF4E								
37	1 920	39.29	18 100	0.83	94	2KJ3510 - ■ HJ22 - ■ ■ R1		
44	1 610	32.96	18 100	0.99	94	2KJ3510 - ■ HJ22 - ■ ■ Q1		
47	1 510	31.03	18 100	1.1	94	2KJ3510 - ■ HJ22 - ■ ■ P1		
51	1 390	28.46	18 100	1.1	94	2KJ3510 - ■ HJ22 - ■ ■ N1		
59	1 210	24.86	18 100	1.3	94	2KJ3510 - ■ HJ22 - ■ ■ M1		
66	1 080	22.26	18 100	1.5	94	2KJ3510 - ■ HJ22 - ■ ■ L1		
75	950	19.46	18 100	1.6	94	2KJ3510 - ■ HJ22 - ■ ■ K1		
88	815	16.71	18 100	1.8	94	2KJ3510 - ■ HJ22 - ■ ■ J1		
99	720	14.77	18 100	2.0	94	2KJ3510 - ■ HJ22 - ■ ■ H1		
117	610	12.56	18 100	2.2	94	2KJ3510 - ■ HJ22 - ■ ■ G1		
136	525	10.76	18 100	2.4	94	2KJ3510 - ■ HJ22 - ■ ■ F1		
139	510	10.51	17 900	1.6	94	2KJ3510 - ■ HJ22 - ■ ■ E1		
162	440	9.02	17 400	1.8	94	2KJ3510 - ■ HJ22 - ■ ■ D1		
184	390	7.97	16 900	2.0	94	2KJ3510 - ■ HJ22 - ■ ■ C1		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
7.5	K.89-LE132MF4E							
	216	330	6.78	16 400	2.2	94	2KJ3510 - ■ HJ22 - ■ ■ B1	
	252	280	5.81	15 800	2.4	94	2KJ3510 - ■ HJ22 - ■ ■ A1	
	K.79-LE132MF4E							
	83	860	17.62	12 900	0.83	73	2KJ3508 - ■ HJ22 - ■ ■ J1	
	95	755	15.49	12 900	0.92	73	2KJ3508 - ■ HJ22 - ■ ■ H1	
	112	635	13.07	12 700	1.0	73	2KJ3508 - ■ HJ22 - ■ ■ G1	
	129	555	11.39	12 500	1.2	73	2KJ3508 - ■ HJ22 - ■ ■ F1	
	139	510	10.51	12 100	0.87	73	2KJ3508 - ■ HJ22 - ■ ■ E1	
	163	440	9.01	11 900	1.0	73	2KJ3508 - ■ HJ22 - ■ ■ D1	
	185	385	7.92	11 700	1.2	73	2KJ3508 - ■ HJ22 - ■ ■ C1	
	219	325	6.68	11 300	1.4	73	2KJ3508 - ■ HJ22 - ■ ■ B1	
	252	285	5.82	11 000	1.5	73	2KJ3508 - ■ HJ22 - ■ ■ A1	
	K.69-LE132MF4E							
	117	610	12.52	3 290	0.80	67	2KJ3507 - ■ HJ22 - ■ ■ G1	
	134	530	10.91	3 520	0.88	67	2KJ3507 - ■ HJ22 - ■ ■ F1	
	157	455	9.34	2 860	0.81	67	2KJ3507 - ■ HJ22 - ■ ■ E1	
	183	390	8.01	3 090	0.93	67	2KJ3507 - ■ HJ22 - ■ ■ D1	
	208	340	7.04	3 260	1.1	67	2KJ3507 - ■ HJ22 - ■ ■ C1	
	247	290	5.94	3 360	1.2	67	2KJ3507 - ■ HJ22 - ■ ■ B1	
	283	250	5.18	3 450	1.3	67	2KJ3507 - ■ HJ22 - ■ ■ A1	
	K.49-LE132MF4E							
	143	500	10.27	1 270	0.83	61	2KJ3505 - ■ HJ22 - ■ ■ G1	
	283	250	5.17	2 030	0.83	61	2KJ3505 - ■ HJ22 - ■ ■ A1	
	B.49-LE132MF4E							
	145	490	10.10	3 650	0.91	58	2KJ3503 - ■ HJ22 - ■ ■ K1	
166	430	8.80	3 740	1.0	58	2KJ3503 - ■ HJ22 - ■ ■ J1		
177	405	8.29	4 080	0.81	58	2KJ3503 - ■ HJ22 - ■ ■ H1		
188	380	7.80	4 100	0.87	58	2KJ3503 - ■ HJ22 - ■ ■ G1		
199	360	7.37	4 100	0.92	58	2KJ3503 - ■ HJ22 - ■ ■ F1		
234	305	6.27	4 100	1.1	58	2KJ3503 - ■ HJ22 - ■ ■ E1		
273	260	5.37	4 060	1.3	58	2KJ3503 - ■ HJ22 - ■ ■ D1		
310	230	4.72	4 010	1.4	58	2KJ3503 - ■ HJ22 - ■ ■ C1		
368	195	3.98	3 920	1.7	58	2KJ3503 - ■ HJ22 - ■ ■ B1		
422	170	3.47	3 840	1.9	58	2KJ3503 - ■ HJ22 - ■ ■ A1		
9.2	K.149-LE132ZMM4E							
	9.5	9 290	158.65	62 700	0.86	261	2KJ3513 - ■ HV22 - ■ ■ E2	
	11	8 250	140.93	62 500	0.97	261	2KJ3513 - ■ HV22 - ■ ■ D2	
	12	7 440	127.16	62 200	1.1	261	2KJ3513 - ■ HV22 - ■ ■ C2	
	13	6 600	112.68	61 600	1.2	261	2KJ3513 - ■ HV22 - ■ ■ B2	
	15	5 840	99.79	60 800	1.4	261	2KJ3513 - ■ HV22 - ■ ■ A2	
	17	5 200	88.81	60 000	1.5	261	2KJ3513 - ■ HV22 - ■ ■ X1	
	19	4 660	79.59	59 100	1.7	261	2KJ3513 - ■ HV22 - ■ ■ W1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
9.2								
K.149-LE132ZMM4E								
	21	4 130	70.56	58 000	1.9	261	2KJ3513 - ■ HV22 - ■ ■ V1	
	24	3 640	62.28	56 800	2.2	261	2KJ3513 - ■ HV22 - ■ ■ U1	
	27	3 200	54.76	55 500	2.5	261	2KJ3513 - ■ HV22 - ■ ■ T1	
K.129-LE132ZMM4E								
	17	5 210	89.09	38 600	0.84	192	2KJ3512 - ■ HV22 - ■ ■ X1	
	19	4 690	80.12	38 600	0.94	192	2KJ3512 - ■ HV22 - ■ ■ W1	
	21	4 100	70.03	38 500	1.1	192	2KJ3512 - ■ HV22 - ■ ■ V1	
	24	3 660	62.49	38 200	1.2	192	2KJ3512 - ■ HV22 - ■ ■ U1	
	27	3 220	55.05	37 800	1.4	192	2KJ3512 - ■ HV22 - ■ ■ T1	
	31	2 820	48.24	37 300	1.6	192	2KJ3512 - ■ HV22 - ■ ■ S1	
	36	2 460	42.04	36 600	1.8	192	2KJ3512 - ■ HV22 - ■ ■ R1	
	39	2 240	38.37	36 200	2.0	192	2KJ3512 - ■ HV22 - ■ ■ Q1	
	45	1 930	33.03	35 300	2.3	192	2KJ3512 - ■ HV22 - ■ ■ P1	
	48	1 840	31.55	35 000	2.4	192	2KJ3512 - ■ HV22 - ■ ■ N1	
	54	1 610	27.58	34 200	2.7	192	2KJ3512 - ■ HV22 - ■ ■ M1	
K.109-LE132ZMM4E								
	25	3 460	59.17	24 500	0.84	143	2KJ3511 - ■ HV22 - ■ ■ T1	
	29	3 060	52.29	24 500	0.95	143	2KJ3511 - ■ HV22 - ■ ■ S1	
	33	2 680	45.89	24 500	1.1	143	2KJ3511 - ■ HV22 - ■ ■ R1	
	38	2 340	39.95	24 500	1.2	143	2KJ3511 - ■ HV22 - ■ ■ Q1	
	44	2 000	34.15	24 500	1.4	143	2KJ3511 - ■ HV22 - ■ ■ P1	
	51	1 710	29.23	24 500	1.5	143	2KJ3511 - ■ HV22 - ■ ■ N1	
	60	1 460	24.98	24 200	1.6	143	2KJ3511 - ■ HV22 - ■ ■ M1	
	67	1 300	22.31	23 800	1.8	143	2KJ3511 - ■ HV22 - ■ ■ L1	
	76	1 150	19.71	23 300	2.1	143	2KJ3511 - ■ HV22 - ■ ■ K1	
	87	1 010	17.30	22 800	2.4	143	2KJ3511 - ■ HV22 - ■ ■ J1	
	100	880	15.06	22 200	2.6	143	2KJ3511 - ■ HV22 - ■ ■ H1	
	117	750	12.87	21 500	2.9	143	2KJ3511 - ■ HV22 - ■ ■ G1	
	136	645	11.02	20 800	3.3	143	2KJ3511 - ■ HV22 - ■ ■ F1	
	144	610	10.45	20 200	2.1	143	2KJ3511 - ■ HV22 - ■ ■ E1	
	164	535	9.17	19 700	2.4	143	2KJ3511 - ■ HV22 - ■ ■ D1	
	188	465	7.99	19 100	2.7	143	2KJ3511 - ■ HV22 - ■ ■ C1	
	220	400	6.83	18 400	3.2	143	2KJ3511 - ■ HV22 - ■ ■ B1	
	257	340	5.84	17 700	3.8	143	2KJ3511 - ■ HV22 - ■ ■ A1	
K.89-LE132ZMM4E								
	46	1 930	32.96	18 100	0.83	107	2KJ3510 - ■ HV22 - ■ ■ Q1	
	48	1 810	31.03	18 100	0.88	107	2KJ3510 - ■ HV22 - ■ ■ P1	
	53	1 660	28.46	18 100	0.96	107	2KJ3510 - ■ HV22 - ■ ■ N1	
	60	1 450	24.86	18 100	1.1	107	2KJ3510 - ■ HV22 - ■ ■ M1	
	67	1 300	22.26	18 100	1.2	107	2KJ3510 - ■ HV22 - ■ ■ L1	
	77	1 140	19.46	18 100	1.4	107	2KJ3510 - ■ HV22 - ■ ■ K1	
	90	975	16.71	18 100	1.5	107	2KJ3510 - ■ HV22 - ■ ■ J1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
9.2								
K.89-LE132ZMM4E								
102	865	14.77	18 100	1.6	107	2KJ3510 - ■ HV22 - ■ ■ H1		
119	735	12.56	18 100	1.8	107	2KJ3510 - ■ HV22 - ■ ■ G1		
139	630	10.76	17 900	2.0	107	2KJ3510 - ■ HV22 - ■ ■ F1		
143	615	10.51	17 200	1.4	107	2KJ3510 - ■ HV22 - ■ ■ E1		
166	525	9.02	16 800	1.5	107	2KJ3510 - ■ HV22 - ■ ■ D1		
188	465	7.97	16 400	1.6	107	2KJ3510 - ■ HV22 - ■ ■ C1		
221	395	6.78	15 900	1.8	107	2KJ3510 - ■ HV22 - ■ ■ B1		
258	340	5.81	15 400	2.0	107	2KJ3510 - ■ HV22 - ■ ■ A1		
K.79-LE132ZMM4E								
115	765	13.07	11 800	0.87	86	2KJ3508 - ■ HV22 - ■ ■ G1		
132	665	11.39	11 700	0.97	86	2KJ3508 - ■ HV22 - ■ ■ F1		
166	525	9.01	11 200	0.85	86	2KJ3508 - ■ HV22 - ■ ■ D1		
189	460	7.92	11 100	0.97	86	2KJ3508 - ■ HV22 - ■ ■ C1		
225	390	6.68	10 800	1.2	86	2KJ3508 - ■ HV22 - ■ ■ B1		
258	340	5.82	10 600	1.3	86	2KJ3508 - ■ HV22 - ■ ■ A1		
K.69-LE132ZMM4E								
213	410	7.04	2 580	0.89	80	2KJ3507 - ■ HV22 - ■ ■ C1		
253	345	5.94	2 820	0.99	80	2KJ3507 - ■ HV22 - ■ ■ B1		
290	300	5.18	2 960	1.1	80	2KJ3507 - ■ HV22 - ■ ■ A1		
B.49-LE132ZMM4E								
170	515	8.80	3 120	0.87	71	2KJ3503 - ■ HV22 - ■ ■ J1		
239	365	6.27	3 700	0.90	71	2KJ3503 - ■ HV22 - ■ ■ E1		
279	315	5.37	3 700	1.0	71	2KJ3503 - ■ HV22 - ■ ■ D1		
318	275	4.72	3 700	1.2	71	2KJ3503 - ■ HV22 - ■ ■ C1		
377	230	3.98	3 670	1.4	71	2KJ3503 - ■ HV22 - ■ ■ B1		
432	200	3.47	3 620	1.6	71	2KJ3503 - ■ HV22 - ■ ■ A1		
11								
K.149-LE160MF4E								
12	9 080	127.16	58 100	0.88	269	2KJ3513 - ■ JP22 - ■ ■ C2		
13	8 050	112.68	58 000	0.99	269	2KJ3513 - ■ JP22 - ■ ■ B2		
15	7 130	99.79	57 700	1.1	269	2KJ3513 - ■ JP22 - ■ ■ A2		
17	6 340	88.81	57 200	1.3	269	2KJ3513 - ■ JP22 - ■ ■ X1		
18	5 680	79.59	56 700	1.4	269	2KJ3513 - ■ JP22 - ■ ■ W1		
21	5 040	70.56	55 900	1.6	269	2KJ3513 - ■ JP22 - ■ ■ V1		
24	4 450	62.28	54 900	1.8	269	2KJ3513 - ■ JP22 - ■ ■ U1		
27	3 910	54.76	53 900	2.0	269	2KJ3513 - ■ JP22 - ■ ■ T1		
30	3 540	49.60	53 000	2.3	269	2KJ3513 - ■ JP22 - ■ ■ S1		
34	3 080	43.18	51 800	2.6	269	2KJ3513 - ■ JP22 - ■ ■ R1		
K.129-LE160MF4E								
21	5 000	70.03	35 700	0.88	202	2KJ3512 - ■ JP22 - ■ ■ V1		
24	4 460	62.49	35 800	0.99	202	2KJ3512 - ■ JP22 - ■ ■ U1		
27	3 930	55.05	35 700	1.1	202	2KJ3512 - ■ JP22 - ■ ■ T1		
30	3 440	48.24	35 500	1.3	202	2KJ3512 - ■ JP22 - ■ ■ S1		

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
11								
K.129-LE160MF4E								
	35	3 000	42.04	35 100	1.5	202	2KJ3512 - ■ JP22 - ■ ■ R1	
	38	2 740	38.37	34 700	1.6	202	2KJ3512 - ■ JP22 - ■ ■ Q1	
	45	2 360	33.03	34 100	1.9	202	2KJ3512 - ■ JP22 - ■ ■ P1	
	47	2 250	31.55	33 900	2.0	202	2KJ3512 - ■ JP22 - ■ ■ N1	
	53	1 970	27.58	33 200	2.2	202	2KJ3512 - ■ JP22 - ■ ■ M1	
	60	1 750	24.61	32 600	2.5	202	2KJ3512 - ■ JP22 - ■ ■ L1	
	68	1 540	21.68	31 900	2.8	202	2KJ3512 - ■ JP22 - ■ ■ K1	
	77	1 350	19.00	31 100	3.0	202	2KJ3512 - ■ JP22 - ■ ■ J1	
	89	1 180	16.56	30 200	3.4	202	2KJ3512 - ■ JP22 - ■ ■ H1	
	125	840	11.80	28 100	3.4	202	2KJ3512 - ■ JP22 - ■ ■ E1	
	142	735	10.34	27 200	3.9	202	2KJ3512 - ■ JP22 - ■ ■ D1	
K.109-LE160MF4E								
	32	3 270	45.89	23 500	0.88	153	2KJ3511 - ■ JP22 - ■ ■ R1	
	37	2 850	39.95	23 600	0.99	153	2KJ3511 - ■ JP22 - ■ ■ Q1	
	43	2 440	34.15	23 600	1.1	153	2KJ3511 - ■ JP22 - ■ ■ P1	
	50	2 080	29.23	23 500	1.3	153	2KJ3511 - ■ JP22 - ■ ■ N1	
	59	1 780	24.98	23 200	1.3	153	2KJ3511 - ■ JP22 - ■ ■ M1	
	66	1 590	22.31	22 900	1.5	153	2KJ3511 - ■ JP22 - ■ ■ L1	
	75	1 400	19.71	22 500	1.7	153	2KJ3511 - ■ JP22 - ■ ■ K1	
	85	1 230	17.30	22 100	1.9	153	2KJ3511 - ■ JP22 - ■ ■ J1	
	98	1 070	15.06	21 600	2.1	153	2KJ3511 - ■ JP22 - ■ ■ H1	
	114	920	12.87	21 000	2.4	153	2KJ3511 - ■ JP22 - ■ ■ G1	
	133	785	11.02	20 400	2.7	153	2KJ3511 - ■ JP22 - ■ ■ F1	
	141	745	10.45	19 800	1.7	153	2KJ3511 - ■ JP22 - ■ ■ E1	
	160	655	9.17	19 300	1.9	153	2KJ3511 - ■ JP22 - ■ ■ D1	
	184	570	7.99	18 800	2.2	153	2KJ3511 - ■ JP22 - ■ ■ C1	
	215	485	6.83	18 100	2.7	153	2KJ3511 - ■ JP22 - ■ ■ B1	
	252	415	5.84	17 500	3.1	153	2KJ3511 - ■ JP22 - ■ ■ A1	
K.89-LE160MF4E								
	59	1 770	24.86	18 100	0.90	117	2KJ3510 - ■ JP22 - ■ ■ M1	
	66	1 590	22.26	18 100	1.0	117	2KJ3510 - ■ JP22 - ■ ■ L1	
	76	1 390	19.46	18 100	1.1	117	2KJ3510 - ■ JP22 - ■ ■ K1	
	88	1 190	16.71	18 100	1.2	117	2KJ3510 - ■ JP22 - ■ ■ J1	
	100	1 050	14.77	18 100	1.3	117	2KJ3510 - ■ JP22 - ■ ■ H1	
	117	895	12.56	17 800	1.5	117	2KJ3510 - ■ JP22 - ■ ■ G1	
	137	765	10.76	17 400	1.6	117	2KJ3510 - ■ JP22 - ■ ■ F1	
	140	750	10.51	16 500	1.1	117	2KJ3510 - ■ JP22 - ■ ■ E1	
	163	645	9.02	16 200	1.2	117	2KJ3510 - ■ JP22 - ■ ■ D1	
	184	570	7.97	15 900	1.4	117	2KJ3510 - ■ JP22 - ■ ■ C1	
	217	485	6.78	15 500	1.5	117	2KJ3510 - ■ JP22 - ■ ■ B1	
	253	415	5.81	15 000	1.6	117	2KJ3510 - ■ JP22 - ■ ■ A1	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

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Frequency and voltage

2 or 9

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Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
15								
K.149-LE160LD4E								
15	9 690	99.79	50 500	0.83	286	286	2KJ3513 - ■ JU22 - ■ ■ A2	
17	8 620	88.81	50 800	0.93	286	286	2KJ3513 - ■ JU22 - ■ ■ X1	
19	7 730	79.59	50 800	1.0	286	286	2KJ3513 - ■ JU22 - ■ ■ W1	
21	6 850	70.56	50 700	1.2	286	286	2KJ3513 - ■ JU22 - ■ ■ V1	
24	6 040	62.28	50 400	1.3	286	286	2KJ3513 - ■ JU22 - ■ ■ U1	
27	5 310	54.76	49 900	1.5	286	286	2KJ3513 - ■ JU22 - ■ ■ T1	
30	4 810	49.60	49 400	1.7	286	286	2KJ3513 - ■ JU22 - ■ ■ S1	
34	4 190	43.18	48 600	1.9	286	286	2KJ3513 - ■ JU22 - ■ ■ R1	
42	3 430	35.40	47 200	2.3	286	286	2KJ3513 - ■ JU22 - ■ ■ Q1	
46	3 140	32.33	46 500	2.5	286	286	2KJ3513 - ■ JU22 - ■ ■ P1	
51	2 780	28.66	45 500	2.8	286	286	2KJ3513 - ■ JU22 - ■ ■ N1	
104	1 370	14.15	39 100	2.9	286	286	2KJ3513 - ■ JU22 - ■ ■ G1	
119	1 200	12.44	38 000	3.3	286	286	2KJ3513 - ■ JU22 - ■ ■ F1	
131	1 090	11.26	37 100	3.6	286	286	2KJ3513 - ■ JU22 - ■ ■ E1	
K.129-LE160LD4E								
27	5 340	55.05	30 800	0.82	219	219	2KJ3512 - ■ JU22 - ■ ■ T1	
31	4 680	48.24	31 200	0.94	219	219	2KJ3512 - ■ JU22 - ■ ■ S1	
35	4 080	42.04	31 300	1.1	219	219	2KJ3512 - ■ JU22 - ■ ■ R1	
38	3 720	38.37	31 300	1.2	219	219	2KJ3512 - ■ JU22 - ■ ■ Q1	
45	3 200	33.03	31 200	1.4	219	219	2KJ3512 - ■ JU22 - ■ ■ P1	
47	3 060	31.55	31 100	1.4	219	219	2KJ3512 - ■ JU22 - ■ ■ N1	
53	2 670	27.58	30 800	1.6	219	219	2KJ3512 - ■ JU22 - ■ ■ M1	
60	2 390	24.61	30 400	1.8	219	219	2KJ3512 - ■ JU22 - ■ ■ L1	
68	2 100	21.68	29 900	2.0	219	219	2KJ3512 - ■ JU22 - ■ ■ K1	
78	1 840	19.00	29 400	2.2	219	219	2KJ3512 - ■ JU22 - ■ ■ J1	
89	1 600	16.56	28 800	2.5	219	219	2KJ3512 - ■ JU22 - ■ ■ H1	
98	1 460	15.11	28 300	2.7	219	219	2KJ3512 - ■ JU22 - ■ ■ G1	
113	1 260	13.01	27 500	3.0	219	219	2KJ3512 - ■ JU22 - ■ ■ F1	
125	1 140	11.80	27 000	2.5	219	219	2KJ3512 - ■ JU22 - ■ ■ E1	
143	1 000	10.34	26 300	2.8	219	219	2KJ3512 - ■ JU22 - ■ ■ D1	
164	875	9.01	25 500	3.2	219	219	2KJ3512 - ■ JU22 - ■ ■ C1	
179	795	8.22	25 000	3.4	219	219	2KJ3512 - ■ JU22 - ■ ■ B1	
208	685	7.08	24 200	3.7	219	219	2KJ3512 - ■ JU22 - ■ ■ A1	
K.109-LE160LD4E								
43	3 310	34.15	20 300	0.82	170	170	2KJ3511 - ■ JU22 - ■ ■ P1	
50	2 830	29.23	20 600	0.92	170	170	2KJ3511 - ■ JU22 - ■ ■ N1	
59	2 420	24.98	20 700	0.98	170	170	2KJ3511 - ■ JU22 - ■ ■ M1	
66	2 160	22.31	20 700	1.1	170	170	2KJ3511 - ■ JU22 - ■ ■ L1	
75	1 910	19.71	20 600	1.2	170	170	2KJ3511 - ■ JU22 - ■ ■ K1	
85	1 680	17.30	20 400	1.4	170	170	2KJ3511 - ■ JU22 - ■ ■ J1	
98	1 460	15.06	20 100	1.6	170	170	2KJ3511 - ■ JU22 - ■ ■ H1	
115	1 250	12.87	19 700	1.8	170	170	2KJ3511 - ■ JU22 - ■ ■ G1	
134	1 070	11.02	19 300	2.0	170	170	2KJ3511 - ■ JU22 - ■ ■ F1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles	
15	K.109-LE160LD4E								
	141	1 010	10.45	18 600	1.2	170	2KJ3511 - ■ JU22 - ■ ■ E1		
	161	890	9.17	18 300	1.4	170	2KJ3511 - ■ JU22 - ■ ■ D1		
	185	775	7.99	17 800	1.6	170	2KJ3511 - ■ JU22 - ■ ■ C1		
	216	660	6.83	17 400	2.0	170	2KJ3511 - ■ JU22 - ■ ■ B1		
	253	565	5.84	16 900	2.3	170	2KJ3511 - ■ JU22 - ■ ■ A1		
	K.89-LE160LD4E								
	76	1 890	19.46	16 300	0.83	134	2KJ3510 - ■ JU22 - ■ ■ K1		
	88	1 620	16.71	16 400	0.91	134	2KJ3510 - ■ JU22 - ■ ■ J1		
	100	1 430	14.77	16 400	0.99	134	2KJ3510 - ■ JU22 - ■ ■ H1		
	117	1 220	12.56	16 300	1.1	134	2KJ3510 - ■ JU22 - ■ ■ G1		
	137	1 040	10.76	16 100	1.2	134	2KJ3510 - ■ JU22 - ■ ■ F1		
	140	1 020	10.51	15 000	0.83	134	2KJ3510 - ■ JU22 - ■ ■ E1		
	164	875	9.02	14 900	0.91	134	2KJ3510 - ■ JU22 - ■ ■ D1		
	185	770	7.97	14 700	0.99	134	2KJ3510 - ■ JU22 - ■ ■ C1		
	218	655	6.78	14 500	1.1	134	2KJ3510 - ■ JU22 - ■ ■ B1		
	254	560	5.81	14 200	1.2	134	2KJ3510 - ■ JU22 - ■ ■ A1		
	18.5	K.149-LES180MM4E							
		18	9 590	79.59	45 800	0.83	368	2KJ3513 - ■ KL32 - ■ ■ W1	
		21	8 500	70.56	46 300	0.94	368	2KJ3513 - ■ KL32 - ■ ■ V1	
		24	7 510	62.28	46 500	1.1	368	2KJ3513 - ■ KL32 - ■ ■ U1	
		27	6 600	54.76	46 400	1.2	368	2KJ3513 - ■ KL32 - ■ ■ T1	
		30	5 980	49.60	46 300	1.3	368	2KJ3513 - ■ KL32 - ■ ■ S1	
		34	5 200	43.18	45 900	1.5	368	2KJ3513 - ■ KL32 - ■ ■ R1	
		41	4 260	35.40	45 000	1.8	368	2KJ3513 - ■ KL32 - ■ ■ Q1	
45		3 890	32.33	44 500	2.1	368	2KJ3513 - ■ KL32 - ■ ■ P1		
51		3 450	28.66	43 800	2.3	368	2KJ3513 - ■ KL32 - ■ ■ N1		
58		3 050	25.30	42 900	2.5	368	2KJ3513 - ■ KL32 - ■ ■ M1		
66		2 680	22.25	42 000	2.7	368	2KJ3513 - ■ KL32 - ■ ■ L1		
73		2 430	20.15	41 300	3.0	368	2KJ3513 - ■ KL32 - ■ ■ K1		
84		2 110	17.54	40 200	3.3	368	2KJ3513 - ■ KL32 - ■ ■ J1		
104		1 700	14.15	38 200	2.3	368	2KJ3513 - ■ KL32 - ■ ■ G1		
118		1 500	12.44	37 200	2.6	368	2KJ3513 - ■ KL32 - ■ ■ F1		
130		1 350	11.26	36 400	2.9	368	2KJ3513 - ■ KL32 - ■ ■ E1		
149		1 180	9.81	35 200	3.3	368	2KJ3513 - ■ KL32 - ■ ■ D1		
182		970	8.04	33 600	3.8	368	2KJ3513 - ■ KL32 - ■ ■ C1		
215		820	6.82	32 300	4.3	368	2KJ3513 - ■ KL32 - ■ ■ B1		
K.129-LES180MM4E									
35		5 070	42.04	28 000	0.87	303	2KJ3512 - ■ KL32 - ■ ■ R1		
38		4 620	38.37	28 400	0.95	303	2KJ3512 - ■ KL32 - ■ ■ Q1		
44		3 980	33.03	28 600	1.1	303	2KJ3512 - ■ KL32 - ■ ■ P1		
46		3 800	31.55	28 600	1.2	303	2KJ3512 - ■ KL32 - ■ ■ N1		
53	3 320	27.58	28 600	1.3	303	2KJ3512 - ■ KL32 - ■ ■ M1			

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles	
18.5	K.129-LES180MM4E								
	60	2 960	24.61	28 500	1.5	303	2KJ3512 - ■ KL32 - ■ ■ L1		
	68	2 610	21.68	28 300	1.6	303	2KJ3512 - ■ KL32 - ■ ■ K1		
	77	2 290	19.00	27 900	1.8	303	2KJ3512 - ■ KL32 - ■ ■ J1		
	88	1 990	16.56	27 500	2.0	303	2KJ3512 - ■ KL32 - ■ ■ H1		
	97	1 820	15.11	27 100	2.2	303	2KJ3512 - ■ KL32 - ■ ■ G1		
	113	1 560	13.01	26 600	2.4	303	2KJ3512 - ■ KL32 - ■ ■ F1		
	124	1 420	11.80	26 100	2.0	303	2KJ3512 - ■ KL32 - ■ ■ E1		
	142	1 240	10.34	25 500	2.3	303	2KJ3512 - ■ KL32 - ■ ■ D1		
	163	1 080	9.01	24 900	2.5	303	2KJ3512 - ■ KL32 - ■ ■ C1		
	178	990	8.22	24 400	2.7	303	2KJ3512 - ■ KL32 - ■ ■ B1		
	207	850	7.08	23 700	3.0	303	2KJ3512 - ■ KL32 - ■ ■ A1		
	18.5	K.109-LES180MM4E							
		66	2 690	22.31	18 700	0.88	253	2KJ3511 - ■ KL32 - ■ ■ L1	
		74	2 370	19.71	18 900	1.0	253	2KJ3511 - ■ KL32 - ■ ■ K1	
85		2 080	17.30	18 900	1.2	253	2KJ3511 - ■ KL32 - ■ ■ J1		
97		1 810	15.06	18 900	1.3	253	2KJ3511 - ■ KL32 - ■ ■ H1		
114		1 550	12.87	18 600	1.4	253	2KJ3511 - ■ KL32 - ■ ■ G1		
133		1 320	11.02	18 400	1.6	253	2KJ3511 - ■ KL32 - ■ ■ F1		
140		1 260	10.45	17 600	1.0	253	2KJ3511 - ■ KL32 - ■ ■ E1		
160		1 100	9.17	17 400	1.1	253	2KJ3511 - ■ KL32 - ■ ■ D1		
183		960	7.99	17 100	1.3	253	2KJ3511 - ■ KL32 - ■ ■ C1		
214		820	6.83	16 700	1.6	253	2KJ3511 - ■ KL32 - ■ ■ B1		
251		700	5.84	16 300	1.8	253	2KJ3511 - ■ KL32 - ■ ■ A1		
22		K.149-LES180ZLJ4E							
		24	8 930	62.28	42 500	0.9	363	2KJ3513 - ■ KN32 - ■ ■ U1	
		27	7 850	54.76	43 000	1.0	363	2KJ3513 - ■ KN32 - ■ ■ T1	
	30	7 110	49.60	43 100	1.1	363	2KJ3513 - ■ KN32 - ■ ■ S1		
	34	6 190	43.18	43 100	1.3	363	2KJ3513 - ■ KN32 - ■ ■ R1		
	41	5 070	35.40	42 800	1.5	363	2KJ3513 - ■ KN32 - ■ ■ Q1		
	45	4 630	32.33	42 500	1.7	363	2KJ3513 - ■ KN32 - ■ ■ P1		
	51	4 110	28.66	41 900	1.9	363	2KJ3513 - ■ KN32 - ■ ■ N1		
	58	3 620	25.30	41 300	2.1	363	2KJ3513 - ■ KN32 - ■ ■ M1		
	66	3 190	22.25	40 600	2.3	363	2KJ3513 - ■ KN32 - ■ ■ L1		
	73	2 890	20.15	40 000	2.5	363	2KJ3513 - ■ KN32 - ■ ■ K1		
	84	2 510	17.54	39 100	2.8	363	2KJ3513 - ■ KN32 - ■ ■ J1		
	102	2 060	14.38	37 700	3.2	363	2KJ3513 - ■ KN32 - ■ ■ H1		
	104	2 020	14.15	37 300	1.9	363	2KJ3513 - ■ KN32 - ■ ■ G1		
	118	1 780	12.44	36 300	2.2	363	2KJ3513 - ■ KN32 - ■ ■ F1		
	130	1 610	11.26	35 600	2.5	363	2KJ3513 - ■ KN32 - ■ ■ E1		
	149	1 400	9.81	34 600	2.8	363	2KJ3513 - ■ KN32 - ■ ■ D1		
	182	1 150	8.04	33 100	3.2	363	2KJ3513 - ■ KN32 - ■ ■ C1		
215	975	6.82	31 800	3.6	363	2KJ3513 - ■ KN32 - ■ ■ B1			

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
22								
K.129-LES180ZLJ4E								
38	5 500	38.37	25 300	0.80	298	2KJ3512 - ■ KN32 - ■ ■ Q1		
44	4 730	33.03	26 000	0.93	298	2KJ3512 - ■ KN32 - ■ ■ P1		
46	4 520	31.55	26 200	0.97	298	2KJ3512 - ■ KN32 - ■ ■ N1		
53	3 950	27.58	26 500	1.1	298	2KJ3512 - ■ KN32 - ■ ■ M1		
60	3 520	24.61	26 600	1.2	298	2KJ3512 - ■ KN32 - ■ ■ L1		
68	3 100	21.68	26 600	1.4	298	2KJ3512 - ■ KN32 - ■ ■ K1		
77	2 720	19.00	26 400	1.5	298	2KJ3512 - ■ KN32 - ■ ■ J1		
88	2 370	16.56	26 200	1.7	298	2KJ3512 - ■ KN32 - ■ ■ H1		
97	2 160	15.11	26 000	1.8	298	2KJ3512 - ■ KN32 - ■ ■ G1		
113	1 860	13.01	25 500	2.0	298	2KJ3512 - ■ KN32 - ■ ■ F1		
124	1 690	11.80	25 200	1.7	298	2KJ3512 - ■ KN32 - ■ ■ E1		
142	1 480	10.34	24 700	1.9	298	2KJ3512 - ■ KN32 - ■ ■ D1		
163	1 290	9.01	24 100	2.1	298	2KJ3512 - ■ KN32 - ■ ■ C1		
178	1 170	8.22	23 800	2.3	298	2KJ3512 - ■ KN32 - ■ ■ B1		
207	1 010	7.08	23 100	2.5	298	2KJ3512 - ■ KN32 - ■ ■ A1		
K.109-LES180ZLJ4E								
74	2 820	19.71	17 200	0.84	248	2KJ3511 - ■ KN32 - ■ ■ K1		
85	2 480	17.30	17 400	0.97	248	2KJ3511 - ■ KN32 - ■ ■ J1		
97	2 160	15.06	17 500	1.1	248	2KJ3511 - ■ KN32 - ■ ■ H1		
114	1 840	12.87	17 600	1.2	248	2KJ3511 - ■ KN32 - ■ ■ G1		
133	1 580	11.02	17 400	1.3	248	2KJ3511 - ■ KN32 - ■ ■ F1		
140	1 490	10.45	16 600	0.84	248	2KJ3511 - ■ KN32 - ■ ■ E1		
160	1 310	9.17	16 500	0.97	248	2KJ3511 - ■ KN32 - ■ ■ D1		
183	1 140	7.99	16 300	1.1	248	2KJ3511 - ■ KN32 - ■ ■ C1		
214	980	6.83	16 000	1.3	248	2KJ3511 - ■ KN32 - ■ ■ B1		
251	835	5.84	15 700	1.6	248	2KJ3511 - ■ KN32 - ■ ■ A1		
30								
K.149-LES200LN4E								
30	9 660	49.60	35 900	0.83	423	2KJ3513 - ■ LM32 - ■ ■ S1		
34	8 410	43.18	36 900	0.95	423	2KJ3513 - ■ LM32 - ■ ■ R1		
42	6 890	35.40	37 600	1.1	423	2KJ3513 - ■ LM32 - ■ ■ Q1		
45	6 300	32.33	37 700	1.3	423	2KJ3513 - ■ LM32 - ■ ■ P1		
51	5 580	28.66	37 800	1.4	423	2KJ3513 - ■ LM32 - ■ ■ N1		
58	4 930	25.30	37 600	1.5	423	2KJ3513 - ■ LM32 - ■ ■ M1		
66	4 330	22.25	37 400	1.7	423	2KJ3513 - ■ LM32 - ■ ■ L1		
73	3 920	20.15	37 100	1.8	423	2KJ3513 - ■ LM32 - ■ ■ K1		
84	3 410	17.54	36 500	2.0	423	2KJ3513 - ■ LM32 - ■ ■ J1		
102	2 800	14.38	35 600	2.4	423	2KJ3513 - ■ LM32 - ■ ■ H1		
104	2 750	14.15	35 100	1.4	423	2KJ3513 - ■ LM32 - ■ ■ G1		
118	2 420	12.44	34 400	1.6	423	2KJ3513 - ■ LM32 - ■ ■ F1		
131	2 190	11.26	33 900	1.8	423	2KJ3513 - ■ LM32 - ■ ■ E1		
150	1 910	9.81	33 100	2.0	423	2KJ3513 - ■ LM32 - ■ ■ D1		
183	1 560	8.04	31 800	2.4	423	2KJ3513 - ■ LM32 - ■ ■ C1		
216	1 320	6.82	30 800	2.7	423	2KJ3513 - ■ LM32 - ■ ■ B1		

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
30	K.129-LES200LN4E							
	53	5 370	27.58	21 600	0.82	362	2KJ3512 - ■ LM32 - ■ ■ M1	
	60	4 790	24.61	22 200	0.92	362	2KJ3512 - ■ LM32 - ■ ■ L1	
	68	4 220	21.68	22 700	1.0	362	2KJ3512 - ■ LM32 - ■ ■ K1	
	77	3 700	19.00	23 100	1.1	362	2KJ3512 - ■ LM32 - ■ ■ J1	
	89	3 220	16.56	23 300	1.2	362	2KJ3512 - ■ LM32 - ■ ■ H1	
	97	2 940	15.11	23 300	1.3	362	2KJ3512 - ■ LM32 - ■ ■ G1	
	113	2 530	13.01	23 200	1.5	362	2KJ3512 - ■ LM32 - ■ ■ F1	
	125	2 300	11.80	23 100	1.2	362	2KJ3512 - ■ LM32 - ■ ■ E1	
	142	2 010	10.34	22 800	1.4	362	2KJ3512 - ■ LM32 - ■ ■ D1	
	163	1 750	9.01	22 500	1.6	362	2KJ3512 - ■ LM32 - ■ ■ C1	
	179	1 600	8.22	22 300	1.7	362	2KJ3512 - ■ LM32 - ■ ■ B1	
	208	1 380	7.08	21 800	1.8	362	2KJ3512 - ■ LM32 - ■ ■ A1	
37	K.149-LES225SD4E							
	42	8 500	35.40	33 100	0.91	488	2KJ3513 - ■ MF32 - ■ ■ Q1	
	45	7 770	32.33	33 600	1.0	488	2KJ3513 - ■ MF32 - ■ ■ P1	
	51	6 880	28.66	34 100	1.1	488	2KJ3513 - ■ MF32 - ■ ■ N1	
	58	6 080	25.30	34 400	1.2	488	2KJ3513 - ■ MF32 - ■ ■ M1	
	66	5 340	22.25	34 500	1.4	488	2KJ3513 - ■ MF32 - ■ ■ L1	
	73	4 840	20.15	34 500	1.5	488	2KJ3513 - ■ MF32 - ■ ■ K1	
	84	4 210	17.54	34 300	1.6	488	2KJ3513 - ■ MF32 - ■ ■ J1	
	102	3 450	14.38	33 700	1.9	488	2KJ3513 - ■ MF32 - ■ ■ H1	
	104	3 400	14.15	33 200	1.2	488	2KJ3513 - ■ MF32 - ■ ■ G1	
	118	2 990	12.44	32 700	1.3	488	2KJ3513 - ■ MF32 - ■ ■ F1	
	131	2 700	11.26	32 400	1.5	488	2KJ3513 - ■ MF32 - ■ ■ E1	
	150	2 350	9.81	31 800	1.6	488	2KJ3513 - ■ MF32 - ■ ■ D1	
	183	1 930	8.04	30 800	1.9	488	2KJ3513 - ■ MF32 - ■ ■ C1	
	216	1 630	6.82	29 900	2.2	488	2KJ3513 - ■ MF32 - ■ ■ B1	
45	K.149-LES225MF4E							
	45	9 450	32.33	28 900	0.85	543	2KJ3513 - ■ MT32 - ■ ■ P1	
	51	8 370	28.66	30 000	0.94	543	2KJ3513 - ■ MT32 - ■ ■ N1	
	58	7 390	25.30	30 800	1.0	543	2KJ3513 - ■ MT32 - ■ ■ M1	
	66	6 500	22.25	31 300	1.1	543	2KJ3513 - ■ MT32 - ■ ■ L1	
	73	5 890	20.15	31 600	1.2	543	2KJ3513 - ■ MT32 - ■ ■ K1	
	84	5 120	17.54	31 700	1.4	543	2KJ3513 - ■ MT32 - ■ ■ J1	
	102	4 200	14.38	31 700	1.6	543	2KJ3513 - ■ MT32 - ■ ■ H1	
	104	4 130	14.15	31 000	0.95	543	2KJ3513 - ■ MT32 - ■ ■ G1	
	118	3 630	12.44	30 900	1.1	543	2KJ3513 - ■ MT32 - ■ ■ F1	
	131	3 290	11.26	30 600	1.2	543	2KJ3513 - ■ MT32 - ■ ■ E1	
	150	2 860	9.81	30 300	1.3	543	2KJ3513 - ■ MT32 - ■ ■ D1	
	183	2 350	8.04	29 500	1.6	543	2KJ3513 - ■ MT32 - ■ ■ C1	
	216	1 990	6.82	28 800	1.8	543	2KJ3513 - ■ MT32 - ■ ■ B1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
Gearbox mounting type	A, D, F or H

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SIMOGEAR Geared Motors

Bevel geared motors

Geared motors up to 55 kW

Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement → below)	Order code No. of poles
55	K.149-LES250MD4E							
	58	9 040	25.30	26 100	0.84	629	2KJ3513 - ■ NM32 - ■ ■ M1	
	66	7 950	22.25	27 200	0.92	629	2KJ3513 - ■ NM32 - ■ ■ L1	
	73	7 200	20.15	27 900	1.0	629	2KJ3513 - ■ NM32 - ■ ■ K1	
	84	6 260	17.54	28 600	1.1	629	2KJ3513 - ■ NM32 - ■ ■ J1	
	102	5 130	14.38	29 100	1.3	629	2KJ3513 - ■ NM32 - ■ ■ H1	
	118	4 440	12.44	28 500	0.89	629	2KJ3513 - ■ NM32 - ■ ■ F1	
	131	4 020	11.26	28 500	0.99	629	2KJ3513 - ■ NM32 - ■ ■ E1	
	150	3 500	9.81	28 400	1.1	629	2KJ3513 - ■ NM32 - ■ ■ D1	
	183	2 870	8.04	28 000	1.3	629	2KJ3513 - ■ NM32 - ■ ■ C1	
	216	2 430	6.82	27 500	1.5	629	2KJ3513 - ■ NM32 - ■ ■ B1	

Article No. supplement

Shaft design	1, 5, 6, 7 or 9	→ Page 9/39
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SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data

<i>i</i>	<i>n</i> ₂ rpm	<i>T</i> _{2N} Nm	<i>F</i> _{R2} N	ϕ ¹⁾	<i>J</i> _G 10 ⁻⁴ kgm ²	<i>R</i> _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
B.19																		
42.10	34	50	3 880	16	0.02	3410/81	✓	✓									2KJ3500 - ■■■■■■ - ■■ A2	
37.28	39	50	3 700	16	0.03	671/18	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ X1	
32.39	45	50	3 510	16	0.04	583/18	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ W1	
29.44	49	50	3 380	16	0.04	265/9	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ V1	
25.06	58	50	3 170	16	0.06	451/18	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ U1	
22.78	64	50	3 050	16	0.08	205/9	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ T1	
19.86	73	50	2 890	17	0.09	715/36	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ S1	
17.78	82	50	2 770	17	0.12	160/9	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ R1	
15.79	92	50	2 640	17	0.14	1705/108	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ Q1	
14.57	100	50	2 550	17	0.17	1705/117	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ P1	
12.66	115	50	2 410	17	0.19	1595/126	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ N1	
11.00	132	50	2 270	17	0.19	11/1	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ M1	
9.93	146	50	2 190	17	0.25	715/72	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ L1	
9.35	155	50	2 160	17	0.29	1430/153	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ K1	
8.15	178	47	2 110	17	0.33	220/27	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ J1	
7.87	184	38	2 160	25	0.14	1472/187	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ H1	
6.99	207	38	2 100	26	0.17	713/102	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ G1	
6.45	225	39	2 060	26	0.20	1426/221	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ F1	
5.61	258	37	1 990	27	0.22	667/119	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ E1	
4.87	298	35	1 930	26	0.24	414/85	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ D1	
4.40	330	34	1 880	26	0.32	299/68	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ C1	
4.14	350	33	1 850	26	0.37	1196/289	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ B1	
3.61	402	31	1 780	27	0.43	184/51	✓	✓	✓								2KJ3500 - ■■■■■■ - ■■ A1	

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

<i>i</i>	<i>n</i> ₂ rpm	<i>T</i> _{2N} Nm	<i>F</i> _{R2} N	ϕ ¹⁾	<i>J</i> _G 10 ⁻⁴ kgm ²	<i>R</i> _{ex}	Motor size										Article No.
							63	71	80	90	100	112	132	160	180	200	
B.29																	
46.85	31	110	4 130	13	0.04	1265/27	✓	✓									2KJ3501 - ■■■■■■ - ■■ B2
41.56	35	110	4 130	13	0.05	374/9	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ A2
36.06	40	110	4 130	13	0.06	649/18	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ X1
32.78	44	110	4 130	13	0.07	295/9	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ W1
28.11	52	110	4 130	13	0.09	253/9	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ V1
25.56	57	110	4 130	13	0.11	230/9	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ U1
22.41	65	110	4 130	14	0.13	605/27	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ T1
20.00	73	110	4 130	14	0.16	20/1	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ S1
17.82	81	110	4 130	14	0.19	1925/108	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ R1
16.45	88	110	4 130	14	0.23	1925/117	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ Q1
14.40	101	110	4 020	14	0.28	605/42	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ P1
12.63	115	110	3 800	14	0.27	341/27	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ N1
11.46	127	110	3 650	15	0.38	275/24	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ M1
10.78	135	110	3 560	15	0.44	550/51	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ L1
9.51	152	110	3 370	14	0.50	770/81	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ K1
8.25	176	110	3 170	14	0.67	33/4	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ J1
7.84	185	75	3 350	20	0.41	345/44	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ H1
7.38	196	75	3 270	20	0.48	1380/187	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ G1
6.51	223	75	3 100	19	0.54	644/99	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ F1
5.65	257	75	2 920	20	0.73	621/110	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ E1
5.07	286	74	2 900	22	0.60	345/68	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ D1
4.78	303	74	2 830	22	0.70	1380/289	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ C1
4.21	344	74	2 690	22	0.82	644/153	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ B1
3.65	397	73	2 550	22	1.10	621/170	✓	✓	✓	✓	✓						2KJ3501 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
B.39																		
56.36	26	250	6 980	10	0.06	4565/81	✓	✓									2KJ3502 - ■■■■■■ - ■■ A2	
50.11	29	210	6 980	11	0.08	451/9	✓	✓	✓	✓							2KJ3502 - ■■■■■■ - ■■ X1	
44.00	33	250	6 980	11	0.09	44/1	✓	✓	✓	✓							2KJ3502 - ■■■■■■ - ■■ W1	
40.00	36	230	6 980	11	0.11	40/1	✓	✓	✓	✓							2KJ3502 - ■■■■■■ - ■■ V1	
34.22	42	250	6 980	11	0.13	308/9	✓	✓	✓	✓							2KJ3502 - ■■■■■■ - ■■ U1	
31.11	47	250	6 980	11	0.16	280/9	✓	✓	✓	✓							2KJ3502 - ■■■■■■ - ■■ T1	
27.50	53	250	6 980	11	0.20	55/2	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ S1	
25.00	58	250	6 980	11	0.26	25/1	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ R1	
21.90	66	250	6 720	11	0.30	2365/108	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ Q1	
20.21	72	250	6 490	11	0.36	2365/117	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ P1	
17.90	81	250	6 160	11	0.43	2255/126	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ N1	
14.90	97	250	5 680	11	0.58	715/48	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ M1	
14.02	103	250	5 530	11	0.67	715/51	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ L1	
12.56	115	250	5 260	12	0.75	2035/162	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ K1	
10.69	136	240	4 960	12	0.98	385/36	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ J1	
9.17	158	230	4 700	12	1.29	55/6			✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ H1	
7.89	184	220	4 550	12	1.66	1705/216			✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ G1	
6.60	220	200	4 590	18	0.94	897/136	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ F1	
6.21	233	200	4 550	18	1.08	1794/289	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ E1	
5.56	261	200	4 460	18	1.26	851/153	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ D1	
4.74	306	200	4 330	19	1.69	161/34	✓	✓	✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ C1	
4.06	357	200	4 190	20	2.30	69/17			✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ B1	
3.50	414	192	4 050	20	3.00	713/204			✓	✓	✓	✓					2KJ3502 - ■■■■■■ - ■■ A1	

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
B.49																		
59.28	24	450	9 510	9	0.19	1067/18	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ C2		
53.89	27	450	9 120	9	0.23	485/9	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ B2		
45.83	32	450	8 480	9	0.28	275/6	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ A2		
41.67	35	450	8 120	9	0.34	125/3	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ X1		
37.18	39	450	7 710	9	0.40	4015/108	✓	✓	✓	✓	✓	✓				2KJ3503 - ■■■■■■ - ■■ W1		
33.33	44	450	7 330	9	0.48	100/3	✓	✓	✓	✓	✓	✓				2KJ3503 - ■■■■■■ - ■■ V1		
30.05	48	450	6 980	9	0.56	3245/108	✓	✓	✓	✓	✓	✓				2KJ3503 - ■■■■■■ - ■■ U1		
27.74	52	450	6 710	9	0.67	3245/117	✓	✓	✓	✓	✓	✓				2KJ3503 - ■■■■■■ - ■■ T1		
25.32	57	450	6 420	9	0.80	1595/63	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ S1		
21.01	69	450	5 850	10	1.03	3025/144	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ R1		
19.77	73	450	5 680	10	1.18	3025/153	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ Q1		
18.67	78	450	5 510	10	1.34	3025/162	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ P1		
15.89	91	450	5 070	10	1.66	143/9	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ N1		
13.61	107	450	4 660	10	2.10	245/18			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ M1		
11.97	121	450	4 340	10	2.50	2585/216			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ L1		
10.10	144	450	3 940	10	3.30	2090/207			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ K1		
8.80	165	450	3 630	11	4.40	44/5			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ J1		
8.29	175	330	4 550	16	1.52	2255/272	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ H1		
7.80	186	330	4 420	16	1.74	2255/289	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ G1		
7.37	197	330	4 300	16	1.97	2255/306	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ F1		
6.27	231	330	3 970	16	2.50	533/85	✓	✓	✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ E1		
5.37	270	330	3 700	17	3.30	2009/374			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ D1		
4.72	307	330	3 690	17	4.10	1927/408			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ C1		
3.98	364	330	3 660	17	5.40	1558/391			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ B1		
3.47	418	325	3 610	19	7.20	1476/425			✓	✓	✓	✓	✓			2KJ3503 - ■■■■■■ - ■■ A1		

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size										Article No.
							63	71	80	90	100	112	132	160	180	200	
K.39																	
157.32	9.2	220	6 080	10	0.04	3933/25	✓	✓									2KJ3504 - ■■■■■■ - ■■ J2
139.54	10	220	6 080	10	0.05	17442/125	✓	✓	✓	✓							2KJ3504 - ■■■■■■ - ■■ H2
121.07	12	220	6 080	10	0.06	30267/250	✓	✓	✓	✓							2KJ3504 - ■■■■■■ - ■■ G2
110.06	13	220	6 080	10	0.07	30267/275	✓	✓	✓	✓							2KJ3504 - ■■■■■■ - ■■ F2
94.39	15	220	6 080	10	0.09	11799/125	✓	✓	✓	✓							2KJ3504 - ■■■■■■ - ■■ E2
85.81	17	220	6 080	10	0.11	23598/275	✓	✓	✓	✓							2KJ3504 - ■■■■■■ - ■■ D2
75.24	19	220	6 080	10	0.12	1881/25	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ C2
67.16	22	220	6 080	10	0.15	18468/275	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ B2
59.85	24	220	6 080	10	0.18	1197/20	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ A2
55.25	26	220	6 080	10	0.22	3591/65	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ X1
48.37	30	220	6 080	10	0.26	16929/350	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ W1
42.41	34	220	5 790	10	0.24	5301/125	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ V1
38.47	38	220	5 540	10	0.34	1539/40	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ U1
36.21	40	220	5 390	10	0.40	3078/85	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ T1
31.92	45	220	5 090	10	0.44	798/25	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ S1
27.70	52	220	4 760	10	0.60	13851/500	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ R1
26.89	54	220	4 690	12	0.26	6804/253	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ Q1
23.97	60	220	4 440	12	0.32	2205/92	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ P1
22.12	66	220	4 270	12	0.38	6615/299	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ N1
19.37	75	220	4 000	12	0.47	891/46	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ M1
16.98	85	220	3 740	12	0.51	1953/115	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ L1
15.41	94	220	3 560	12	0.67	2835/184	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ K1
14.50	100	220	3 450	12	0.78	5670/391	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ J1
12.78	113	220	3 220	12	0.92	294/23	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ H1
11.09	131	220	2 990	12	1.24	5103/460	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ G1
10.04	144	184	2 890	19	0.55	231/23	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ F1
8.81	165	183	2 790	19	0.62	3038/345	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ E1
7.99	181	175	2 810	19	0.80	735/92	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ D1
7.52	193	171	2 810	19	0.92	2940/391	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ C1
6.63	219	161	2 820	19	1.11	1372/207	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ B1
5.75	252	150	2 810	19	1.49	1323/230	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
K.49																		
200.25	7.2	420	7 820	8	0.06	12616/63	✓	✓								2KJ3505 - ■■■■■■ - ■■ J2		
178.06	8.1	420	7 820	8	0.07	6232/35	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ H2		
156.34	9.3	420	7 820	8	0.08	5472/35	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ G2		
142.13	10	420	7 820	8	0.10	10944/77	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ F2		
121.60	12	420	7 820	8	0.12	608/5	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ E2		
110.55	13	420	7 820	8	0.14	1216/11	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ D2		
97.71	15	420	7 720	8	0.17	684/7	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ C2		
88.83	16	420	7 370	8	0.22	6840/77	✓	✓	✓	✓	✓	✓	✓			2KJ3505 - ■■■■■■ - ■■ B2		
77.81	19	420	6 910	8	0.25	1634/21	✓	✓	✓	✓	✓	✓	✓			2KJ3505 - ■■■■■■ - ■■ A2		
71.82	20	420	6 650	8	0.30	6536/91	✓	✓	✓	✓	✓	✓	✓			2KJ3505 - ■■■■■■ - ■■ X1		
63.59	23	420	6 250	8	0.37	3116/49	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ W1		
52.93	27	420	5 680	8	0.50	741/14	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ V1		
49.82	29	420	5 510	8	0.58	5928/119	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ U1		
44.63	32	420	5 190	9	0.65	2812/63	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ T1		
38.00	38	420	4 750	9	0.84	38/1	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ S1		
32.57	45	420	4 350	9	1.11	228/7			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ R1		
28.05	52	420	3 970	9	1.43	589/21			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ Q1		
26.30	55	420	3 820	10	0.52	55040/2093	✓	✓	✓	✓	✓	✓	✓			2KJ3505 - ■■■■■■ - ■■ P1		
23.28	62	420	3 540	11	0.65	26240/1127	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ N1		
19.38	75	420	3 130	11	0.90	3120/161	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ M1		
18.24	79	420	3 010	11	1.03	49920/2737	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ L1		
16.34	89	420	2 780	11	1.21	23680/1449	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ K1		
13.91	104	420	2 880	11	1.62	320/23	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ J1		
11.93	122	420	3 000	11	2.20	1920/161			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ H1		
10.27	141	415	3 080	11	2.90	4960/483			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ G1		
9.75	149	275	2 960	17	1.03	39/4	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ F1		
9.18	158	270	2 980	17	1.19	156/17	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ E1		
8.22	176	255	3 010	17	1.40	74/9	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ D1		
7.00	207	240	3 030	18	1.88	7/1	✓	✓	✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ C1		
6.00	242	225	3 020	18	2.50	6/1			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ B1		
5.17	280	210	2 990	19	3.30	31/6			✓	✓	✓	✓	✓	✓		2KJ3505 - ■■■■■■ - ■■ A1		

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
K.69																		
196.59	7.4	600	10 800	9	0.17	14744/75	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ H2		
178.72	8.1	600	10 800	9	0.20	29488/165	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ G2		
152.00	9.5	600	10 800	9	0.25	152/1	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ F2		
138.18	10	600	10 800	9	0.30	1520/11	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ E2		
123.29	12	600	10 800	9	0.35	5548/45	✓	✓	✓	✓	✓	✓				2KJ3507 - ■■■■■■ - ■■ D2		
110.55	13	600	10 800	9	0.42	1216/11	✓	✓	✓	✓	✓	✓				2KJ3507 - ■■■■■■ - ■■ C2		
99.64	15	600	10 800	9	0.49	4484/45	✓	✓	✓	✓	✓	✓				2KJ3507 - ■■■■■■ - ■■ B2		
91.98	16	600	10 600	9	0.58	17936/195	✓	✓	✓	✓	✓	✓				2KJ3507 - ■■■■■■ - ■■ A2		
83.96	17	600	10 100	9	0.69	8816/105	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ X1		
69.67	21	600	9 300	9	0.87	209/3	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ W1		
65.57	22	600	9 030	9	1.01	3344/51	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ V1		
61.93	23	600	8 780	9	1.15	1672/27	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ U1		
52.69	28	600	8 100	9	1.40	3952/75	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ T1		
45.14	32	600	7 470	9	1.70	7448/165			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ S1		
39.69	37	600	6 980	9	2.10	1786/45			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ R1		
33.48	43	580	6 500	9	2.60	11552/345			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ Q1		
29.18	50	555	6 200	9	3.50	3648/125			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ P1		
26.05	56	600	5 510	11	1.25	3751/144	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ N1		
24.52	59	595	5 350	11	1.44	3751/153	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ M1		
23.15	63	585	5 240	11	1.63	3751/162	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ L1		
19.70	74	555	4 960	11	2.10	4433/225	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ K1		
16.88	86	530	4 690	11	2.60	1519/90			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ J1		
14.84	98	515	4 440	11	3.30	16027/1080			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ H1		
12.52	116	490	4 170	11	4.30	12958/1035			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ G1		
10.91	133	470	3 970	12	5.70	1364/125			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ F1		
9.34	155	370	3 640	16	2.40	3224/345	✓	✓	✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ E1		
8.01	181	365	3 330	16	3.10	6076/759			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ D1		
7.04	206	365	3 210	16	3.90	1457/207			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ C1		
5.94	244	345	3 350	17	5.10	9424/1587			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ B1		
5.18	280	330	3 420	18	6.80	2976/575			✓	✓	✓	✓	✓			2KJ3507 - ■■■■■■ - ■■ A1		

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
K.79																		
244.25	5.9	820	13 900	6	0.17	175861/720	✓	✓	✓	✓						2KJ3508 - ■■■■■■ - ■■ J2		
222.05	6.5	820	13 900	6	0.20	175861/792	✓	✓	✓	✓						2KJ3508 - ■■■■■■ - ■■ H2		
188.85	7.7	820	13 900	6	0.25	9065/48	✓	✓	✓	✓						2KJ3508 - ■■■■■■ - ■■ G2		
171.69	8.4	820	13 900	6	0.31	45325/264	✓	✓	✓	✓						2KJ3508 - ■■■■■■ - ■■ F2		
153.18	9.5	820	13 900	6	0.35	132349/864	✓	✓	✓	✓	✓	✓				2KJ3508 - ■■■■■■ - ■■ E2		
137.35	11	820	13 900	6	0.42	9065/66	✓	✓	✓	✓	✓	✓				2KJ3508 - ■■■■■■ - ■■ D2		
123.80	12	820	13 900	6	0.50	106967/864	✓	✓	✓	✓	✓	✓				2KJ3508 - ■■■■■■ - ■■ C2		
114.28	13	820	13 900	6	0.59	106967/936	✓	✓	✓	✓	✓	✓				2KJ3508 - ■■■■■■ - ■■ B2		
104.32	14	820	13 900	6	0.70	7511/72	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ A2		
86.56	17	820	13 900	6	0.89	99715/1152	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ X1		
81.47	18	820	13 900	6	1.02	99715/1224	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ W1		
76.94	19	820	13 900	6	1.16	99715/1296	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ V1		
65.47	22	820	13 900	6	1.42	23569/360	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ U1		
56.08	26	820	13 900	6	1.73	88837/1584			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ T1		
49.31	29	820	13 900	6	2.10	85211/1728			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ S1		
41.60	35	800	14 000	6	2.70	34447/828			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ R1		
36.26	40	770	14 000	6	3.60	1813/50			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ Q1		
32.78	44	820	13 900	7	0.94	6293/192	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ P1		
27.20	53	800	14 000	7	1.23	83545/3072	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ N1		
25.60	57	785	14 000	7	1.41	83545/3264	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ M1		
24.17	60	770	14 000	7	1.60	83545/3456	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ L1		
20.57	70	740	14 100	7	2.00	19747/960	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ K1		
17.62	82	715	13 800	8	2.60	74431/4224			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ J1		
15.49	94	695	13 300	8	3.20	71393/4608			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ H1		
13.07	111	665	12 600	8	4.20	28861/2208			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ G1		
11.39	127	645	12 000	8	5.50	4557/400			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ F1		
10.51	138	445	12 600	10	2.30	1209/115	✓	✓	✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ E1		
9.01	161	450	11 900	11	3.00	4557/506			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ D1		
7.92	183	450	11 300	11	3.70	1457/184			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ C1		
6.68	217	455	10 900	11	4.90	3534/529			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ B1		
5.82	249	430	10 700	12	6.60	3348/575			✓	✓	✓	✓	✓			2KJ3508 - ■■■■■■ - ■■ A1		

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SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
K.89																		
231.80	6.3	1 600	18 100	7	0.42	10199/44	✓	✓	✓								2KJ3510 - ■■■■■■ - ■■ K2	
210.72	6.9	1 600	18 100	7	0.51	50995/242	✓	✓	✓								2KJ3510 - ■■■■■■ - ■■ J2	
189.01	7.7	1 600	18 100	7	0.71	149695/792	✓	✓	✓	✓	✓						2KJ3510 - ■■■■■■ - ■■ H2	
169.94	8.5	1 600	18 100	7	0.80	41125/242	✓	✓	✓	✓	✓						2KJ3510 - ■■■■■■ - ■■ G2	
153.70	9.4	1 600	18 100	7	0.88	60865/396	✓	✓	✓	✓	✓						2KJ3510 - ■■■■■■ - ■■ F2	
141.88	10	1 600	18 100	7	1.05	60865/429	✓	✓	✓	✓	✓						2KJ3510 - ■■■■■■ - ■■ E2	
129.96	11	1 600	18 100	7	1.37	17155/132	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ D2	
109.04	13	1 600	18 100	7	1.45	57575/528	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ C2	
102.63	14	1 600	18 100	7	1.66	57575/561	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ B2	
94.16	15	1 600	18 100	7	1.81	27965/297	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ A2	
82.25	18	1 600	18 100	7	2.60	329/4	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ X1	
73.64	20	1 600	18 100	7	3.20	106925/1452		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ W1	
64.39	23	1 600	18 100	7	3.70	50995/792		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ V1	
55.27	26	1 600	18 100	7	4.10	27965/506		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ U1	
48.85	30	1 600	18 100	7	5.20	16121/330		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ T1	
41.54	35	1 570	18 100	7	6.60	8225/198				✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ S1	
39.29	37	1 600	18 100	9	1.86	11315/288	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ R1	
32.96	44	1 600	18 100	8	2.10	37975/1152	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ Q1	
31.03	47	1 600	18 100	8	2.40	37975/1224	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ P1	
28.46	51	1 600	18 100	8	2.70	18445/648	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ N1	
24.86	58	1 600	18 100	9	3.80	2387/96	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ M1	
22.26	65	1 600	18 100	9	4.70	70525/3168		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ L1	
19.46	75	1 560	17 900	9	5.70	33635/1728		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ K1	
16.71	87	1 480	17 200	9	6.80	18445/1104		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ J1	
14.77	98	1 420	16 600	9	8.60	10633/720		✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ H1	
12.56	115	1 330	16 300	9	11.00	5425/432				✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ G1	
10.76	135	1 250	16 100	9	15.00	775/72				✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ F1	
10.51	138	845	16 100	13	6.40	6727/640	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ E1	
9.02	161	800	15 400	14	7.70	33201/3680	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ D1	
7.97	182	770	14 800	14	9.80	31899/4000	✓	✓	✓	✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ C1	
6.78	214	720	14 500	14	13.00	217/32				✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ B1	
5.81	250	675	14 200	14	17.00	93/16				✓	✓	✓	✓				2KJ3510 - ■■■■■■ - ■■ A1	

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SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size										Article No.
							63	71	80	90	100	112	132	160	180	200	
K.109																	
216.65	6.7	2 900	24 500	-	1.27	107242/495	✓	✓	✓	✓							2KJ3511 - ■■■■■■ - ■■ H2
195.60	7.4	2 900	24 500	-	1.37	118336/605	✓	✓	✓	✓							2KJ3511 - ■■■■■■ - ■■ G2
177.43	8.2	2 900	24 500	-	1.61	35131/198	✓	✓	✓	✓							2KJ3511 - ■■■■■■ - ■■ F2
163.78	8.9	2 900	24 500	-	1.90	70262/429	✓	✓	✓	✓							2KJ3511 - ■■■■■■ - ■■ E2
148.88	9.7	2 900	24 500	-	2.20	57319/385	✓	✓	✓	✓	✓	✓					2KJ3511 - ■■■■■■ - ■■ D2
126.07	12	2 900	24 500	-	2.60	5547/44	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ C2
118.65	12	2 900	24 500	-	2.60	22188/187	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ B2
109.57	13	2 900	24 500	-	4.10	14792/135	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ A2
97.49	15	2 900	24 500	-	5.00	53621/550	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ X1
86.59	17	2 900	24 500	-	6.00	31433/363	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ W1
77.51	19	2 900	24 500	-	5.90	153467/1980	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ V1
66.26	22	2 900	24 500	-	6.80	251464/3795	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ U1
59.17	25	2 900	24 500	-	8.60	7396/125	✓	✓	✓	✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ T1
52.29	28	2 900	24 500	-	9.70	25886/495				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ S1
45.89	32	2 900	24 500	-	14.00	159014/3465				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ R1
39.95	36	2 820	23 900	-	16.00	151618/3795				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ Q1
34.15	42	2 710	22 700	-	21.00	118336/3465				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ P1
29.23	50	2 620	21 600	-	27.00	7396/253				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ N1
24.98	58	2 380	21 000	-	9.90	163744/6555	✓	✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ M1
22.31	65	2 380	20 000	-	13.00	52976/2375	✓	✓	✓	✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ L1
19.71	74	2 380	18 900	-	15.00	16856/855				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ K1
17.30	84	2 400	17 800	-	20.00	14792/855				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ J1
15.06	96	2 310	17 500	-	25.00	98728/6555				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ H1
12.87	113	2 200	17 500	-	33.00	11008/855				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ G1
11.02	132	2 100	17 400	-	43.00	4816/437				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ F1
10.45	139	1 260	17 700	-	17.00	784/75				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ E1
9.17	158	1 270	16 700	-	23.00	688/75				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ D1
7.99	181	1 280	16 300	-	29.00	4592/575				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ C1
6.83	212	1 300	16 100	-	38.00	512/75				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ B1
5.84	248	1 300	15 700	-	49.00	672/115				✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size											Article No.
							63	71	80	90	100	112	132	160	180	200	225	
K.129																		
228.30	6.4	4 400	40 000	-	3.30	30821/135			✓	✓	✓						2KJ3512 - ■■■■■■ - ■■ J2	
210.74	6.9	4 400	40 000	-	3.90	123284/585			✓	✓	✓						2KJ3512 - ■■■■■■ - ■■ H2	
194.04	7.5	4 400	40 000	-	4.50	8732/45			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ G2	
165.47	8.8	4 400	40 000	-	5.60	5957/36			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ F2	
155.74	9.3	4 400	40 000	-	6.40	23828/153			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ E2	
144.53	10	4 400	40 000	-	7.00	58534/405			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ D2	
127.77	11	4 400	40 000	-	8.40	9583/75			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ C2	
114.06	13	4 400	40 000	-	10.00	56462/495			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ B2	
102.64	14	4 400	40 000	-	12.00	27713/270			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ A2	
89.09	16	4 400	40 000	-	14.00	92204/1035			✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ X1	
80.12	18	4 400	40 000	-	17.00	30044/375			✓	✓	✓	✓	✓	✓			2KJ3512 - ■■■■■■ - ■■ W1	
70.03	21	4 400	38 000	-	19.00	18907/270				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ V1	
62.49	23	4 400	36 200	-	23.00	2812/45				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ U1	
55.05	26	4 400	34 300	-	27.00	11396/207				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ T1	
48.24	30	4 400	32 400	-	33.00	6512/135				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ S1	
42.04	34	4 400	30 500	-	39.00	14504/345				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ R1	
38.37	38	4 400	29 200	-	45.00	1036/27				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ Q1	
33.03	44	4 400	27 300	-	55.00	11396/345						✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ P1	
31.55	46	4 400	26 700	-	23.00	3944/125			✓	✓	✓	✓	✓	✓			2KJ3512 - ■■■■■■ - ■■ N1	
27.58	53	4 400	25 100	-	27.00	1241/45				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ M1	
24.61	59	4 400	23 700	-	33.00	2584/105				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ L1	
21.68	67	4 270	22 700	-	40.00	1496/69				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ K1	
19.00	76	4 140	21 700	-	50.00	5984/315				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ J1	
16.56	88	4 020	20 700	-	62.00	1904/115				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ H1	
15.11	96	3 940	20 000	-	72.00	136/9				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ G1	
13.01	111	3 810	19 000	-	91.00	1496/115						✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ F1	
11.80	123	2 830	21 400	-	46.00	119680/10143				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ E1	
10.34	140	2 850	20 100	-	57.00	95744/9261				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ D1	
9.01	161	2 760	19 500	-	71.00	4352/483				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ C1	
8.22	176	2 680	19 500	-	83.00	10880/1323				✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ B1	
7.08	205	2 530	19 500	-	107.00	23936/3381						✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ A1	

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR Geared Motors

Bevel geared motors

Transmission ratios and torques

Selection and ordering data (continued)

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex}	Motor size										Article No.
							63	71	80	90	100	112	132	160	180	200	
K.149																	
237.03	6.1	8 000	65 000	-	7.1	83433/352	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ J2
202.86	7.1	8 000	65 000	-	9	285621/1408	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ H2
190.92	7.6	8 000	65 000	-	10	285621/1496	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ G2
178.97	8.1	8 000	65 000	-	11	188993/1056	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ F2
158.65	9.1	8 000	65 000	-	14	558453/3520	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ E2
140.93	10	8 000	64 100	-	16	17052/121	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ D2
127.16	11	8 000	61 500	-	19	89523/704	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ C2
112.68	13	8 000	58 500	-	23	456141/4048	✓	✓	✓	✓	✓	✓					2KJ3513 - ■■■■■■ - ■■ B2
99.79	15	8 000	55 600	-	26	439089/4400	✓	✓	✓	✓	✓	✓	✓				2KJ3513 - ■■■■■■ - ■■ A2
88.81	16	8 000	52 900	-	31	1421/16			✓	✓	✓	✓	✓	✓			2KJ3513 - ■■■■■■ - ■■ X1
79.59	18	8 000	50 500	-	37	14007/176			✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■■ - ■■ W1
70.56	21	8 000	47 900	-	43	285621/4048			✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■■ - ■■ V1
62.28	23	8 000	45 300	-	52	5481/88			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ U1
54.76	26	8 000	42 700	-	63	55419/1012			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ T1
49.60	29	8 000	40 800	-	70	8729/176			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ S1
43.18	34	8 000	38 300	-	85	174783/4048					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ R1
35.40	41	7 760	35 400	-	110	80997/2288					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ Q1
32.33	45	8 000	33 200	-	49	12673/392			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ P1
28.66	51	7 860	31 600	-	59	36917/1288			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ N1
25.30	57	7 600	30 400	-	73	4959/196			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ M1
22.25	65	7 340	29 200	-	89	7163/322			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ L1
20.15	72	7 170	28 200	-	103	23693/1176			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ K1
17.54	83	6 930	28 500	-	128	22591/1288					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ J1
14.38	101	6 610	29 000	-	174	10469/728					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ H1
14.15	102	3 920	31 800	-	79	17328/1225			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ G1
12.44	117	3 960	30 100	-	97	150176/12075			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ F1
11.26	129	3 980	28 800	-	113	124184/11025			✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ E1
9.81	148	3 870	28 400	-	141	118408/12075					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ D1
8.04	180	3 690	28 000	-	194	54872/6825					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ C1
6.82	213	3 550	27 600	-	266	89528/13125					✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■■ - ■■ B1

¹⁾ Only in conjunction with reduced-backlash version

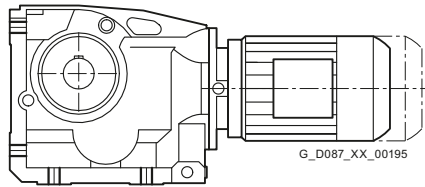
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

Dimensional drawing overview

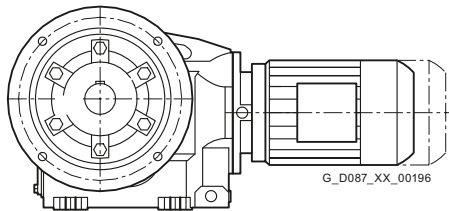
Representation



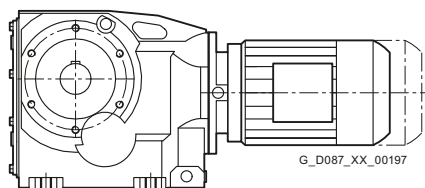
Gearbox type

Dimensional drawing on page

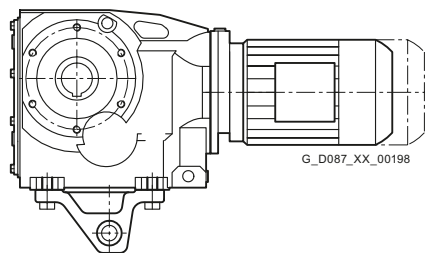
B..19	5/62
B..29	5/66
B..39	5/70
B..49	5/74
K..39	5/78
K..49	5/82
K..69	5/86
K..79	5/90
K..89	5/94
K..109	5/98
K..129	5/102
K..149	5/106



B.F.19	5/63
B.F.29	5/67
B.F.39	5/71
B.F.49	5/75
K.F.39	5/79
K.F.49	5/83
K.F.69	5/87
K.F.79	5/91
K.F.89	5/95
K.F.109	5/99
K.F.129	5/103
K.F.149	5/107

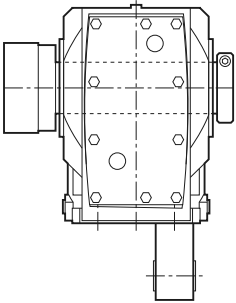
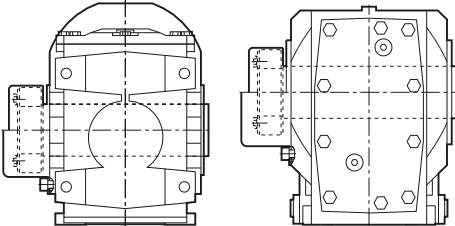
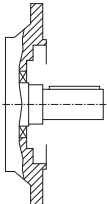
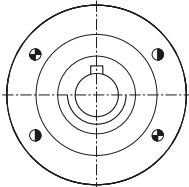


B.Z.19	5/64
B.Z.29	5/68
B.Z.39	5/72
B.Z.49	5/76
K.Z.39	5/80
K.Z.49	5/84
K.Z.69	5/88
K.Z.79	5/92
K.Z.89	5/96
K.Z.109	5/100
K.Z.129	5/104
K.Z.149	5/108



BAD.19	5/65
BAD.29	5/69
BAD.39	5/73
BAD.49	5/77
KAD.39	5/81
KAD.49	5/85
KAD.69	5/89
KAD.79	5/93
KAD.89	5/97
KAD.109	5/101
KAD.129	5/105
KAD.149	5/109

Dimensional drawing overview (continued)

Representation	Gearbox type	Dimensional drawing on page
	SIMOLOC assembly system	5/110
	Protection cover for hollow shaft	5/112
	Inner contour of the flange design	5/113
	Pin holes	5/115

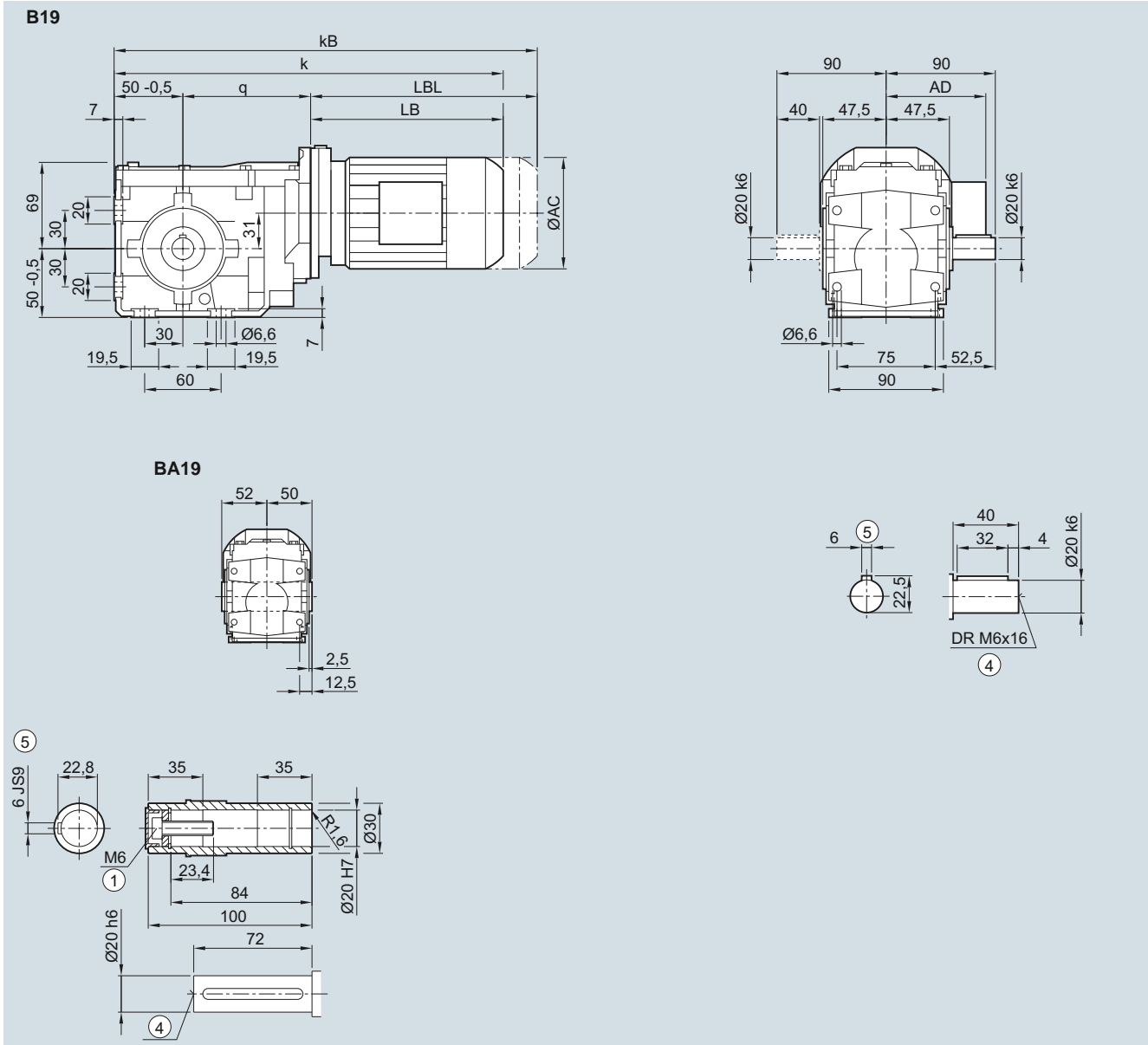
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

B..19 gearbox in a foot-mounted design

B030, BA030



Motor	LA 63M	71M	LE 80M	80ZM
q	133.0	141.0	149.5	149.5
AC	117.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	149.2	149.2
k	343.5	375.5	439.5	474.5
kB	388.0	430.5	499.5	534.5
LB	160.5	184.5	240.0	275.0
LBL	205.0	239.5	300.0	335.0

① ISO 4014

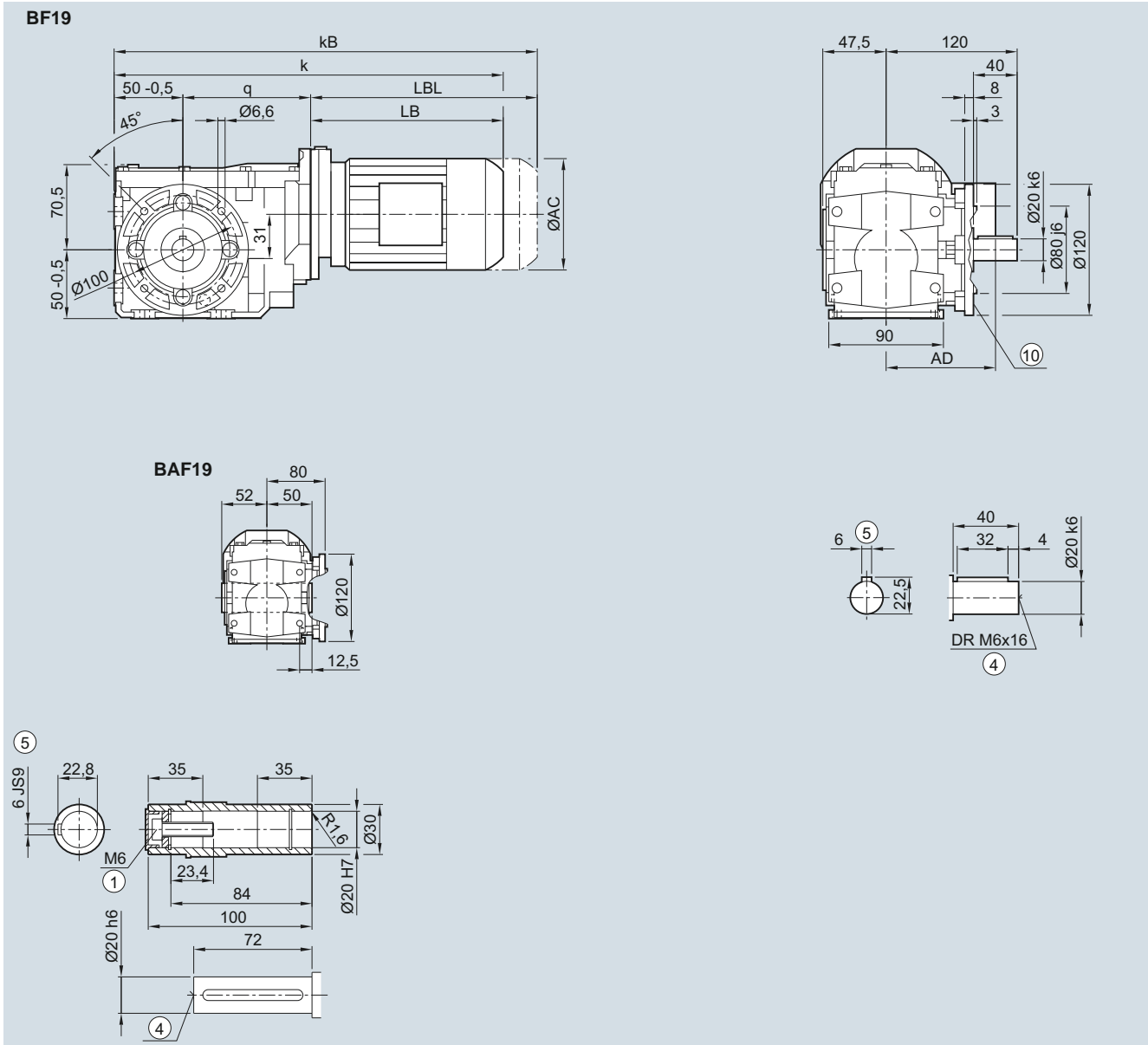
④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

B.F.19 gearbox in a flange-mounted design

BF030, BAF030



5

Motor	LA 63M	71M	LE 80M	80ZM
q	133.0	141.0	149.5	149.5
AC	117.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	149.2	149.2
k	343.5	375.5	439.5	474.5
kB	388.0	430.5	499.5	534.5
LB	160.5	184.5	240.0	275.0
LBL	205.0	239.5	300.0	335.0

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

⑩ For inner contour, see Page 5/113.

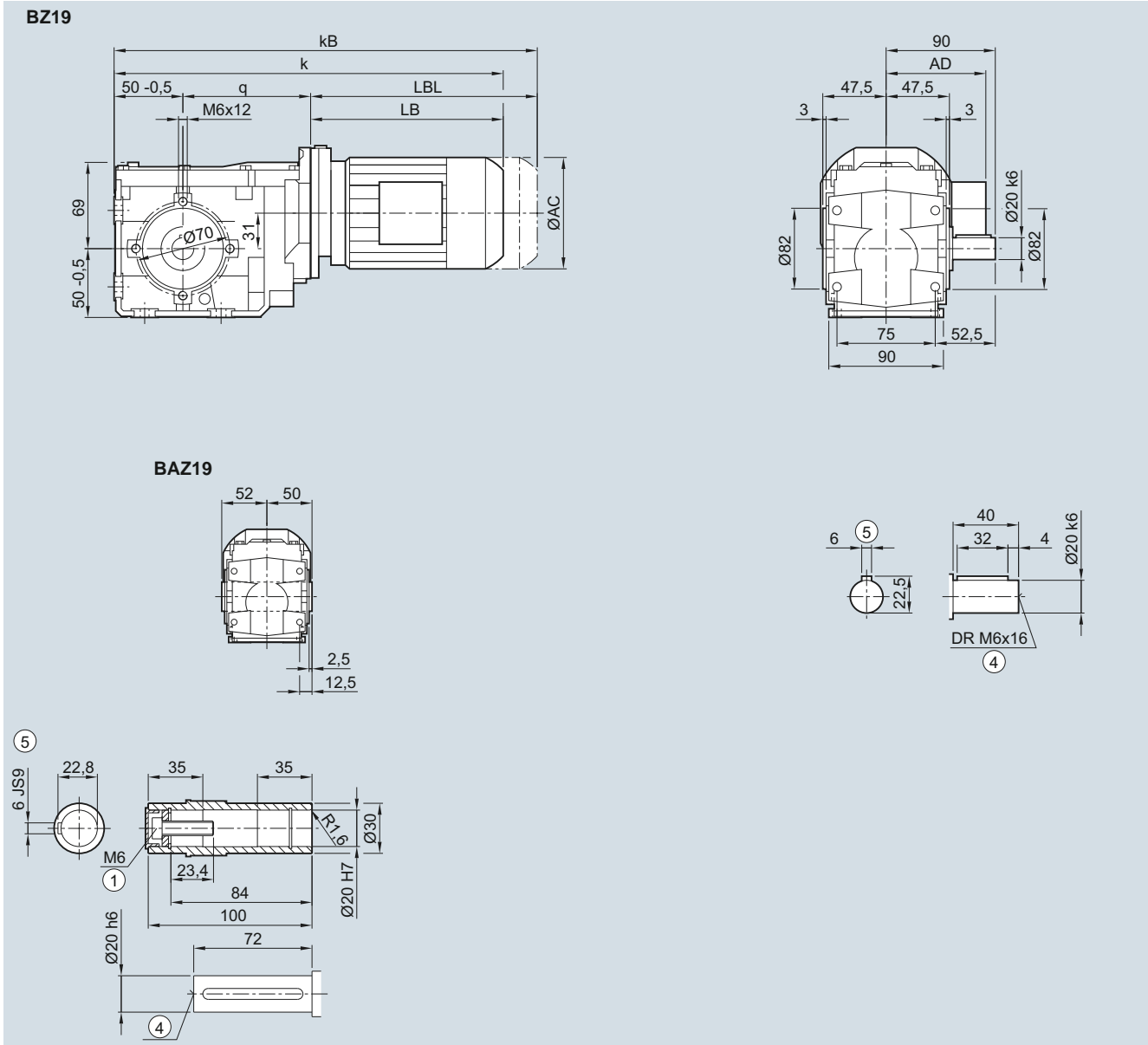
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

B.Z.19 in a housing flange design

BZ030, BAZ030



Motor	LA 63M	71M	LE 80M	80ZM
q	133.0	141.0	149.5	149.5
AC	117.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	149.2	149.2
k	343.5	375.5	439.5	474.5
kB	388.0	430.5	499.5	534.5
LB	160.5	184.5	240.0	275.0
LBL	205.0	239.5	300.0	335.0

① ISO 4014

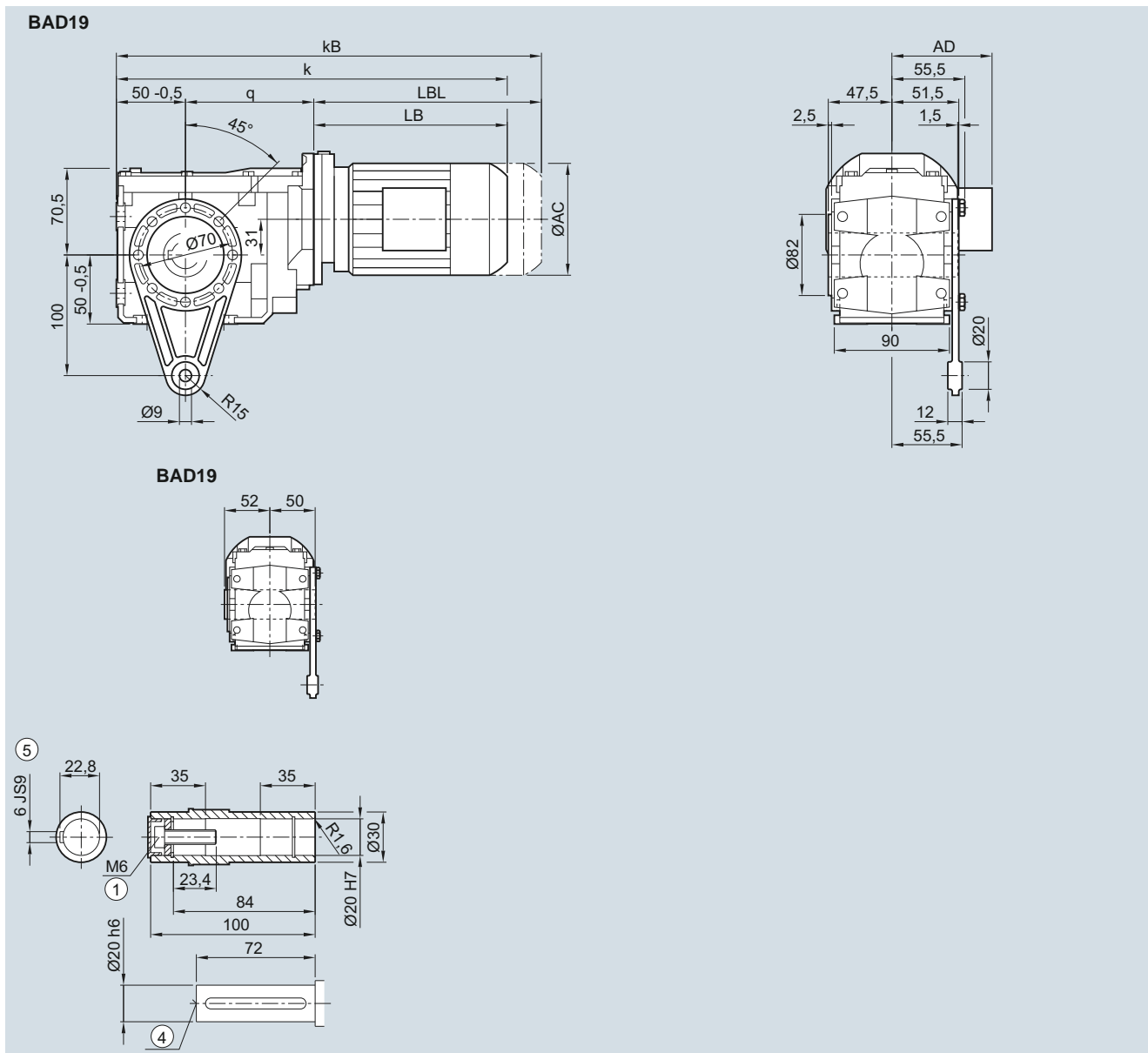
④ DIN 332

⑤ Feather key/keyway DIN 6885

1) AD depends on the motor options, for other dimensions see Page 7/42.

BAD.19 gearbox in a shaft-mounted design

BAD030



Motor	LA 63M	71M	LE 80M	80ZM
q	133.0	141.0	149.5	149.5
AC	117.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	149.2	149.2
k	343.5	375.5	439.5	474.5
kB	388.0	430.5	499.5	534.5
LB	160.5	184.5	240.0	275.0
LBL	205.0	239.5	300.0	335.0

① ISO 4014

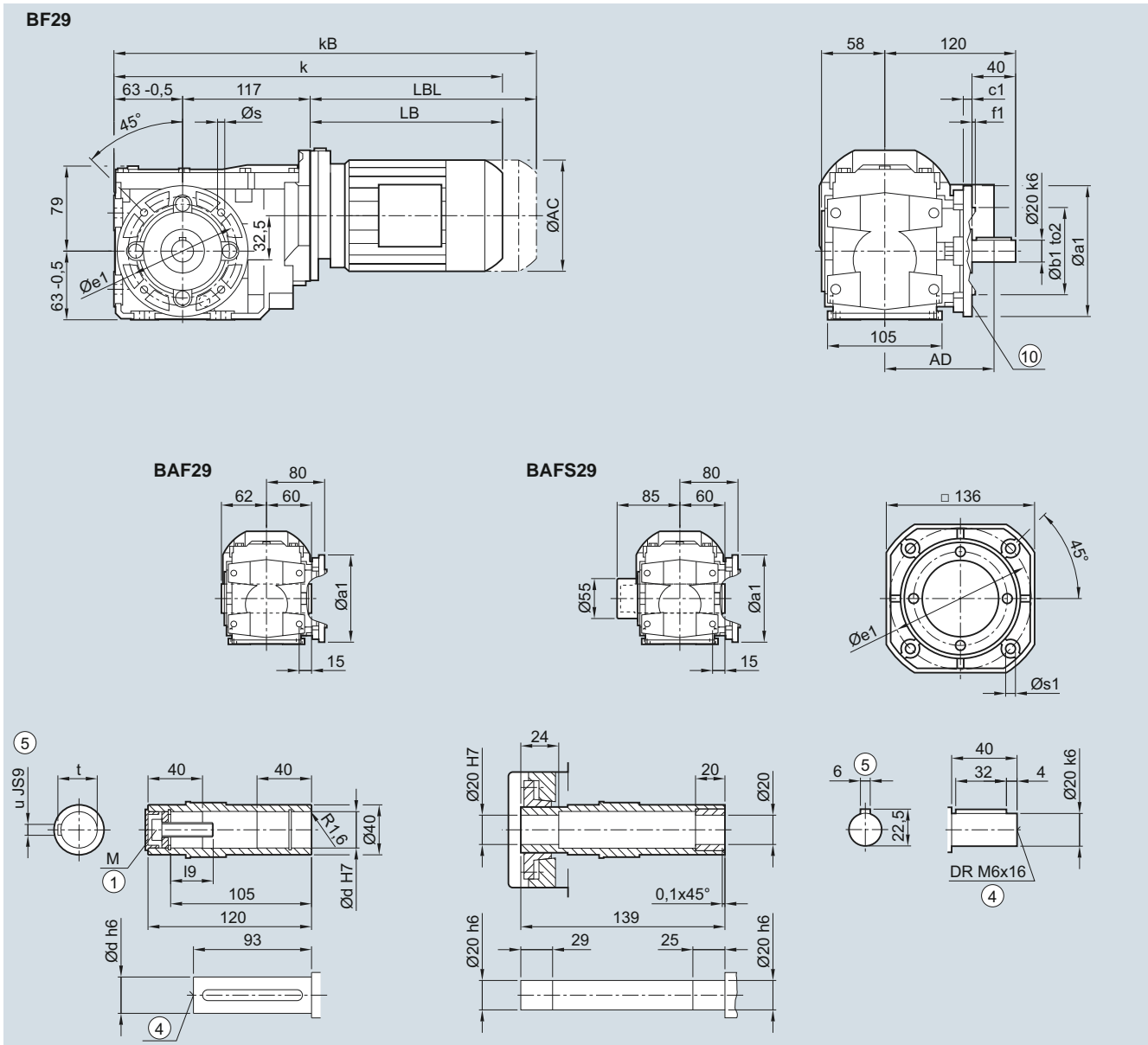
④ DIN 332

⑤ Feather key/keyway DIN 6885

1) AD depends on the motor options, for other dimensions see Page 7/42.

B.F.29 gearbox in a flange-mounted design

BF030, BAF030, BAFS030



Flange	a1	b1	c1	f1	e1	s	to2	
	120	80	8	3.0	100	6.6	j6	
	160	110	9	3.5	130	9.0	j6	
Shaft	d	I9	M	t	u			
	20	23.4	M6	22.8	6			
	25	27.6	M10	28.3	8			
Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

⑩ For inner contour, see Page 5/113.

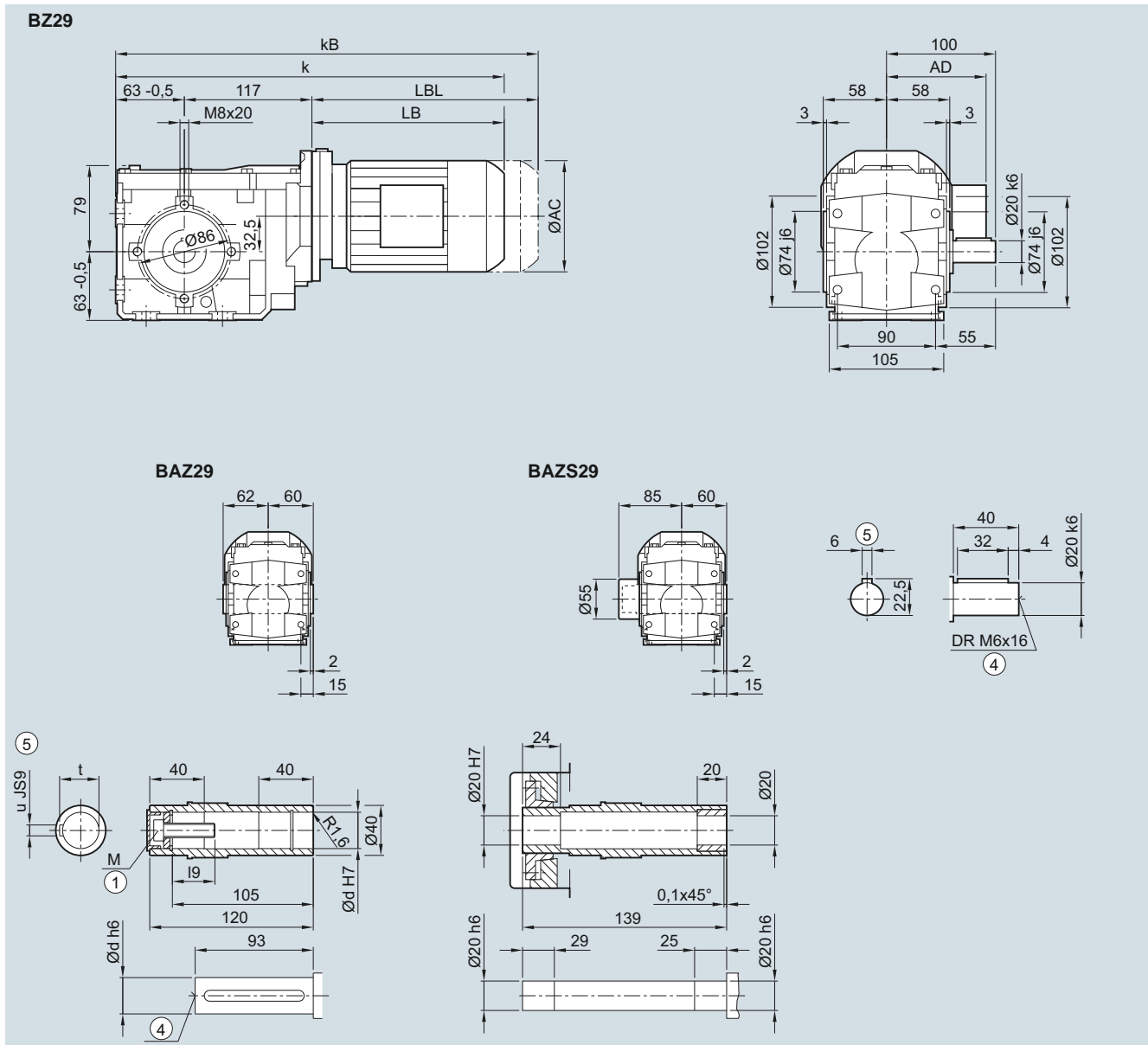
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

B.Z.29 gearbox in a housing flange design

BZ030, BAZ030, BAZS030



Shaft	d	I9	M	t	u			
	20	23.4	M6	22.8	6			
	25	27.6	M10	28.3	8			
Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5

① ISO 4014

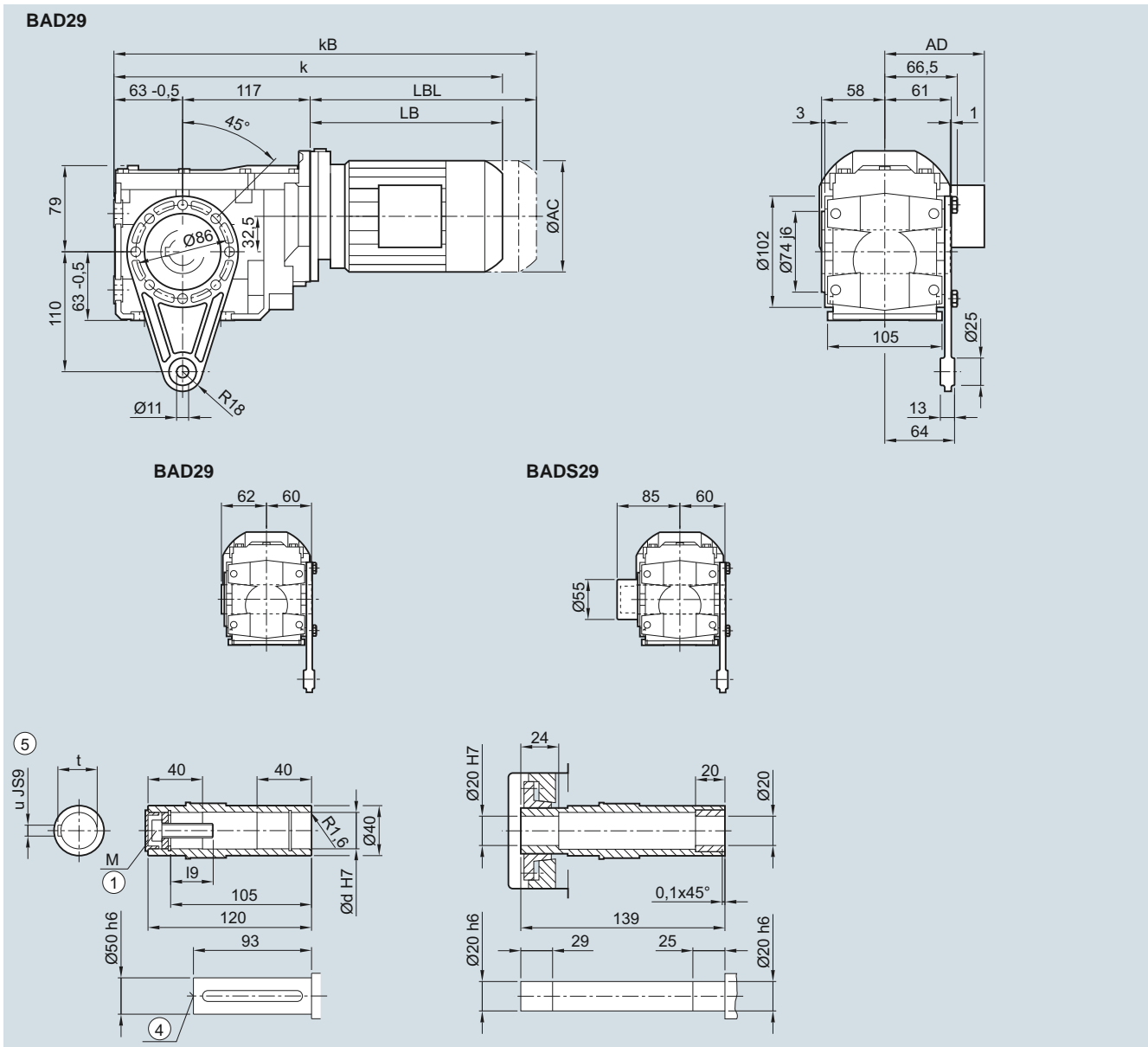
④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

BAD.29 gearbox in a shaft-mounted design

BAD030, BADS030



Shaft	d	I9	M	t	u			
	20	23.4	M6	22.8	6			
	25	27.6	M10	28.3	8			
Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

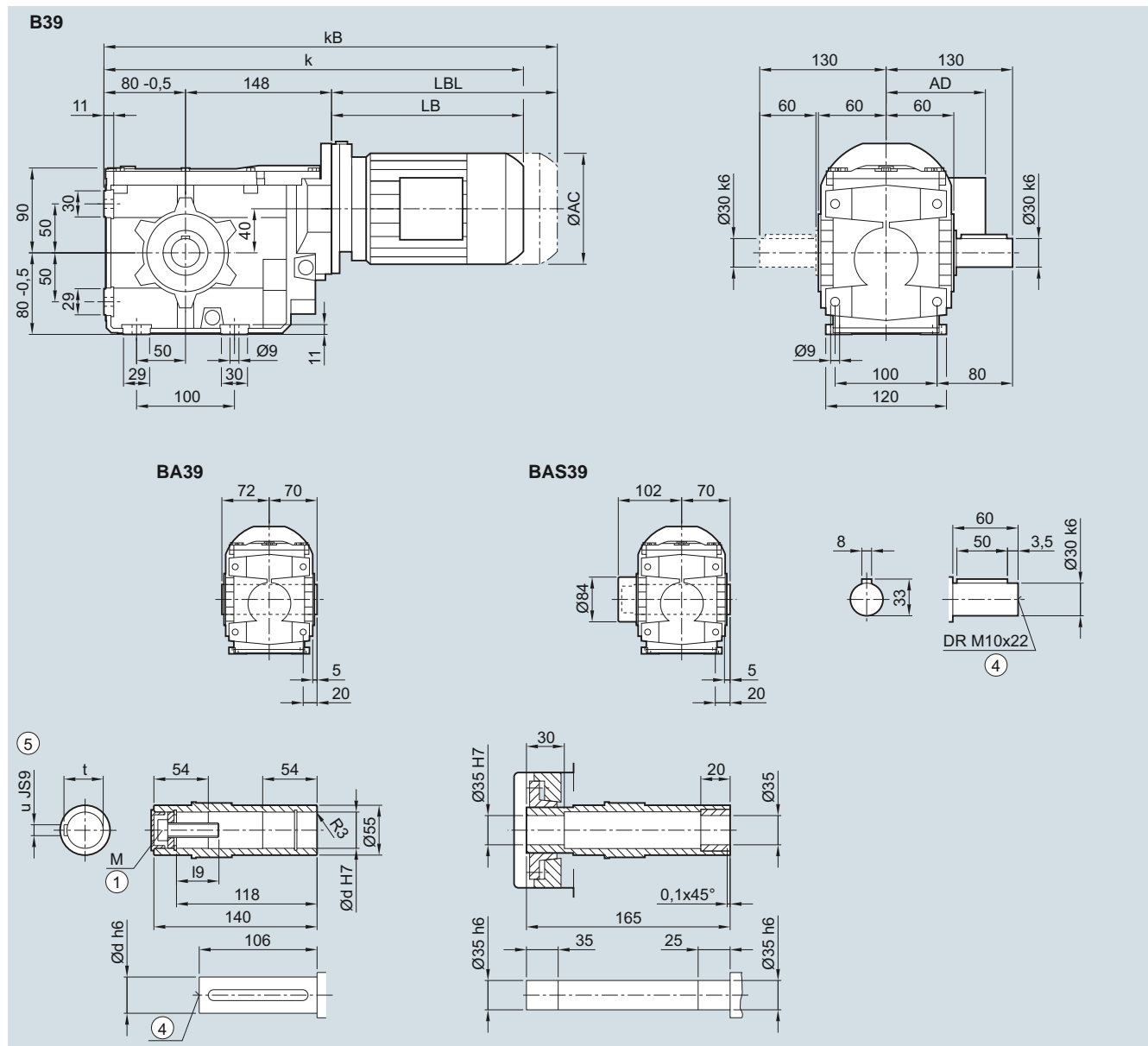
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

B..39 gearbox in a foot-mounted design

B030, BA030, BAS030



Shaft	d	I9	M	t	u
	30	32.6	M10	33.3	8
	35	37	M12	38.3	10
	40	47.75	M16	43.3	12

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014

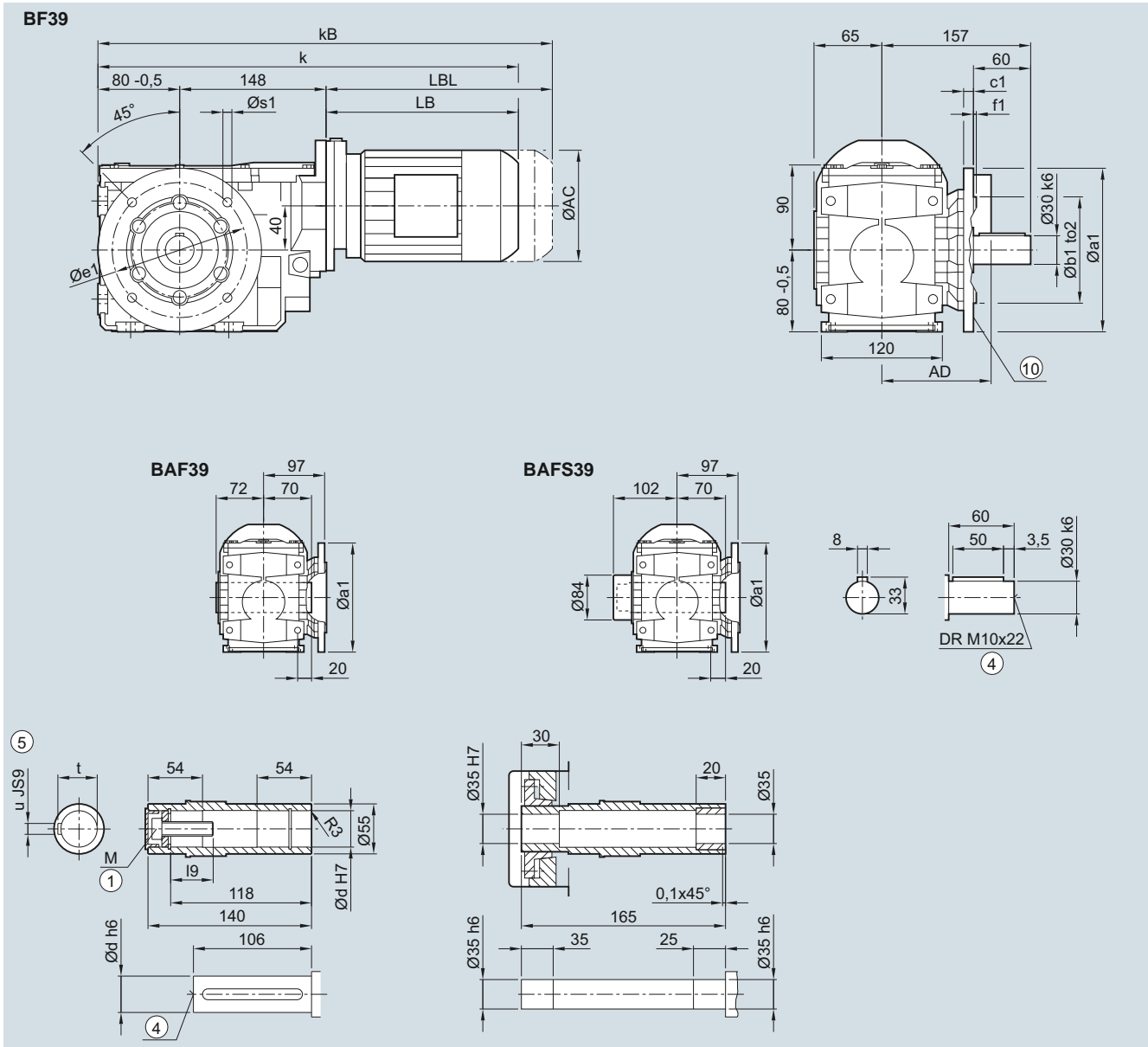
④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

B.F.39 gearbox in a flange-mounted design

BF030, BAF030, BAFS030



Flange	a1	b1	c1	f1	e1	s	to2			
	160	110	10	3.5	130	11	j6			
	200	130	12	3.5	165	11	j6			
Shaft	d	I9	M	t	u					
	30	32.6	M10	33.3	8					
	35	37	M12	38.3	10					
	40	47.75	M16	43.3	12					
Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014

④ DIN 332

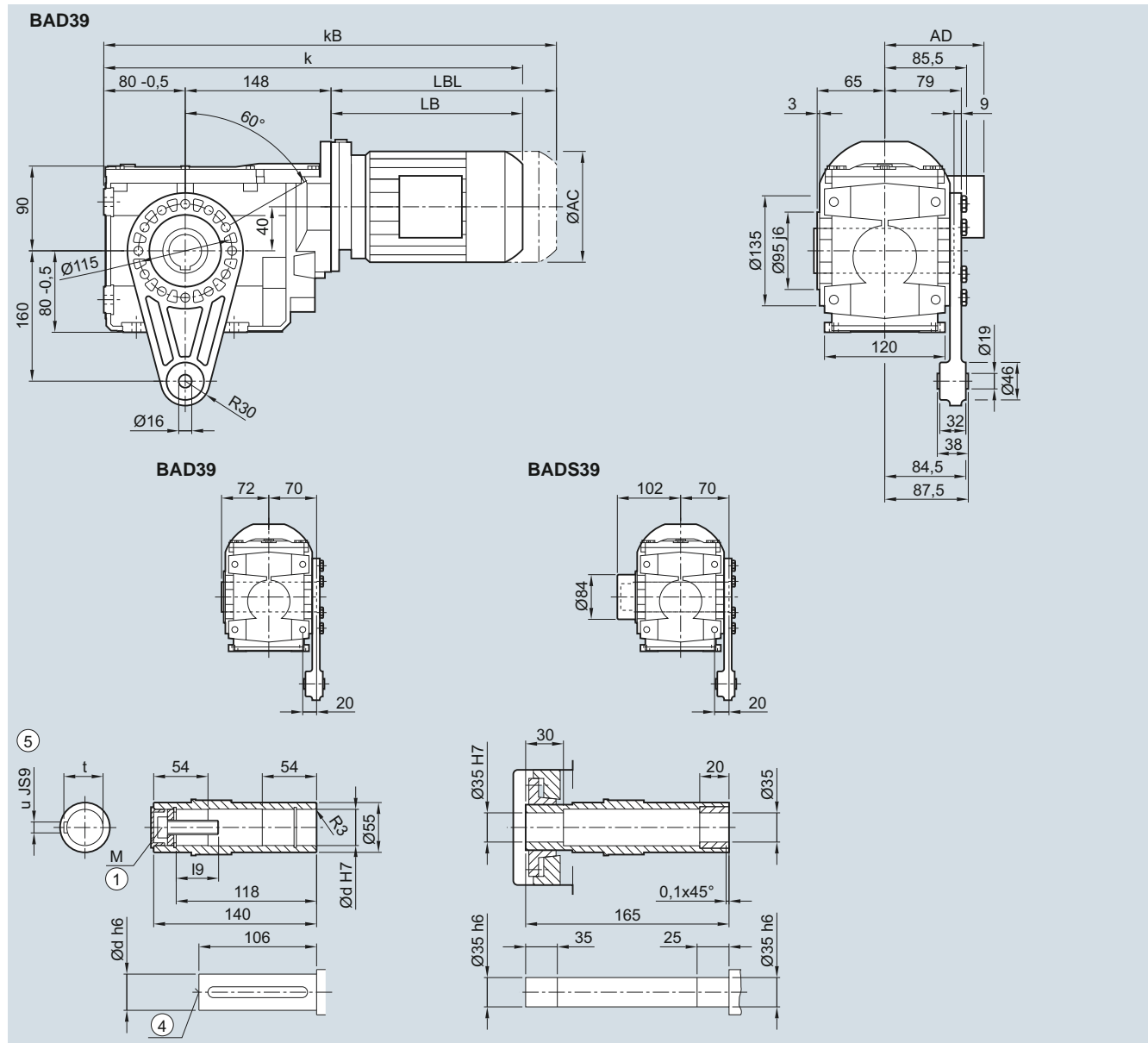
⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

⑩ For inner contour, see Page 5/113.

BAD.39 gearbox in a shaft-mounted design

BAD030, BADS030



Shaft	d	I9	M	t	u
	30	32.6	M10	33.3	8
	35	37	M12	38.3	10
	40	47.75	M16	43.3	12

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014

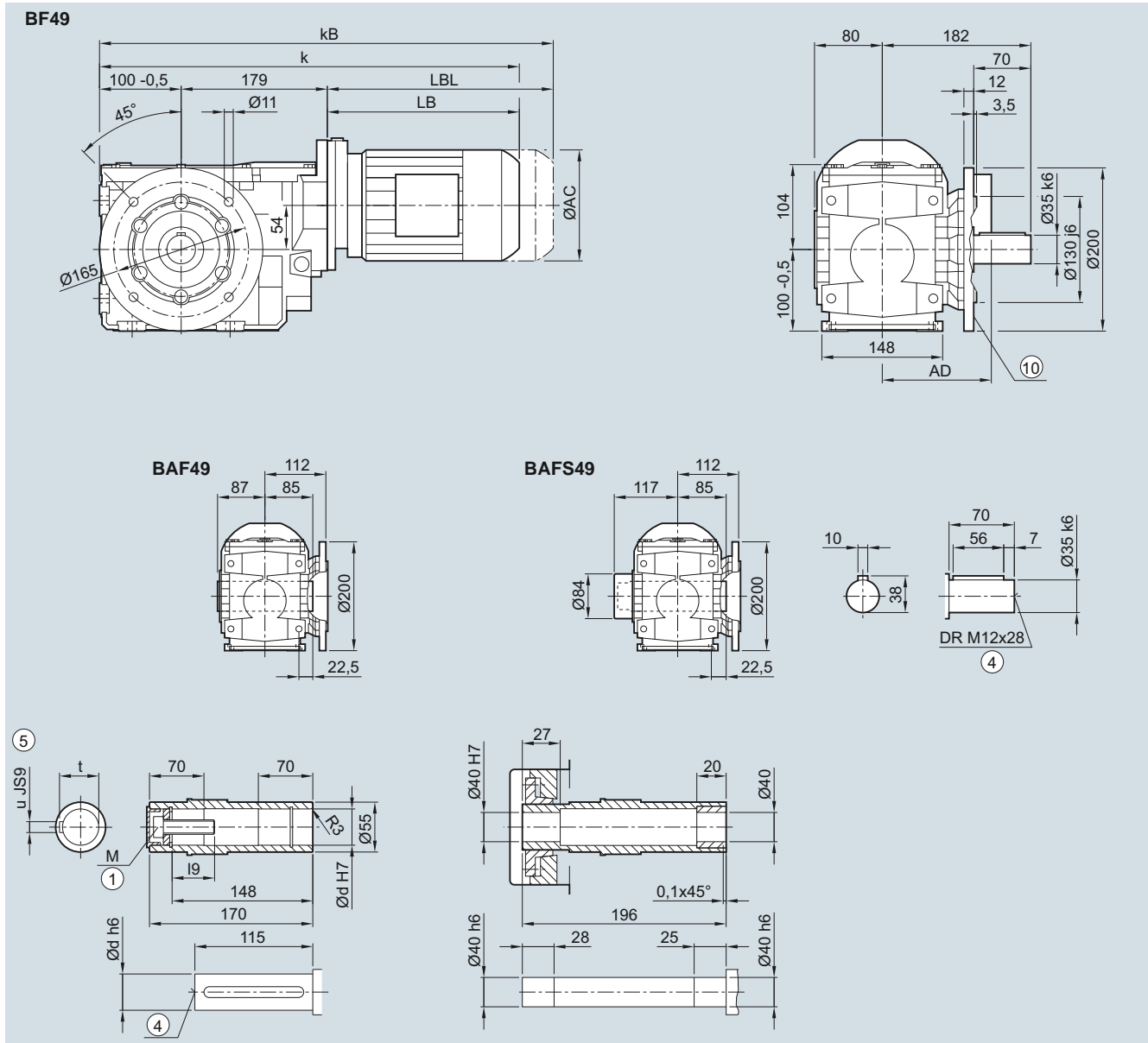
④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

B.F.49 gearbox in a flange-mounted design

BF030, BAF030, BAFS030



Shaft	d	l9	M	t	u							
	35	57	M12	38.3	10							
	40	67.75	M16	43.3	12							
Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	463.5	495.5	559.5	594.5	621.0	661.0	677.5	712.5	687.5	722.0	740.5	790.5
kB	508.0	550.5	619.5	654.5	691.0	731.0	756.0	791.0	760.5	795.0	845.0	895.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

⑩ For inner contour, see Page 5/113.

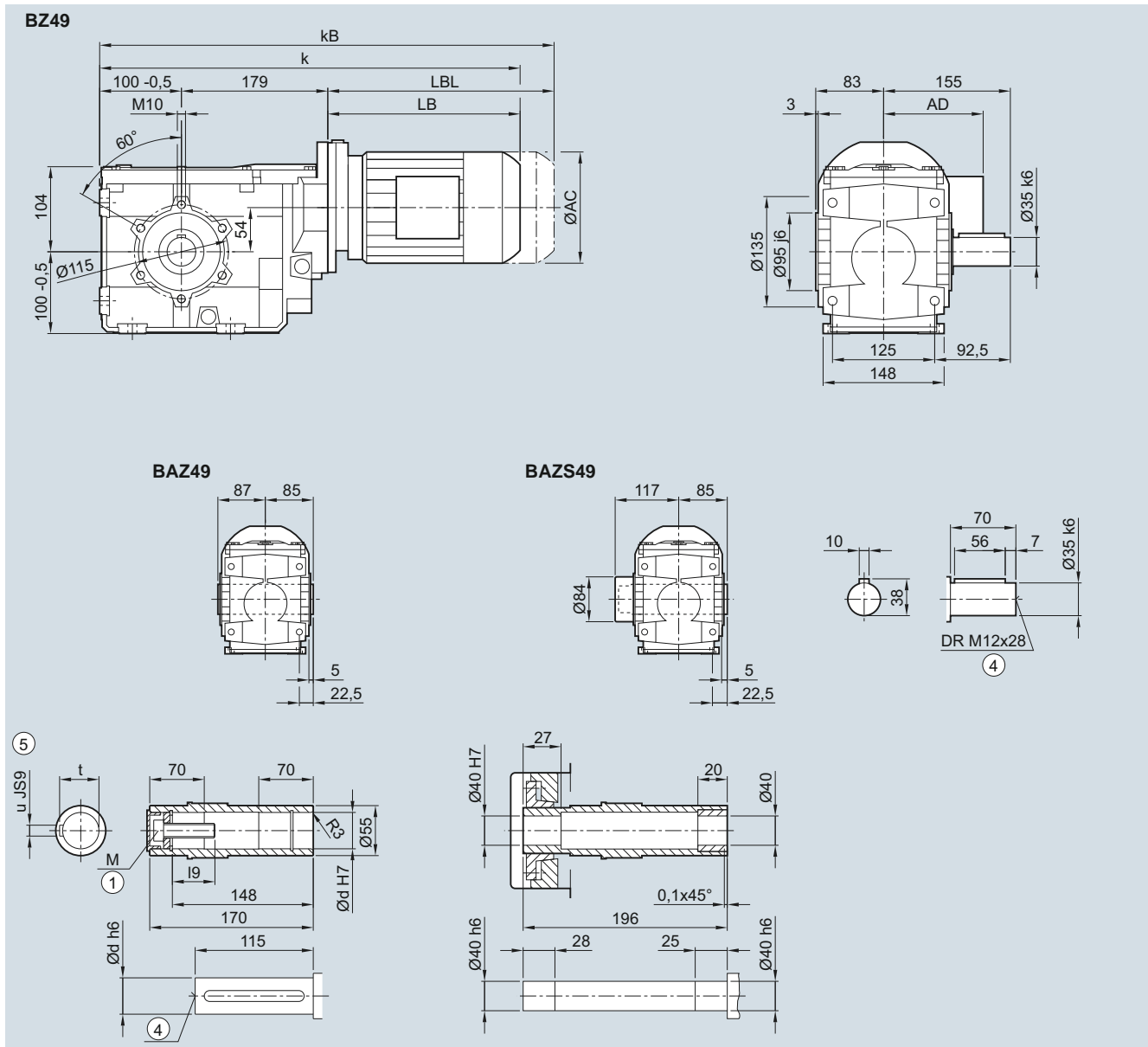
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

B.Z.49 in a housing flange design

BZ030, BAZ030, BAZS030



Shaft	d	I9	M	t	u
	35	57	M12	38.3	10
	40	67.75	M16	43.3	12

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	463.5	495.5	559.5	594.5	621.0	661.0	677.5	712.5	687.5	722.0	740.5	790.5
kB	508.0	550.5	619.5	654.5	691.0	731.0	756.0	791.0	760.5	795.0	845.0	895.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014

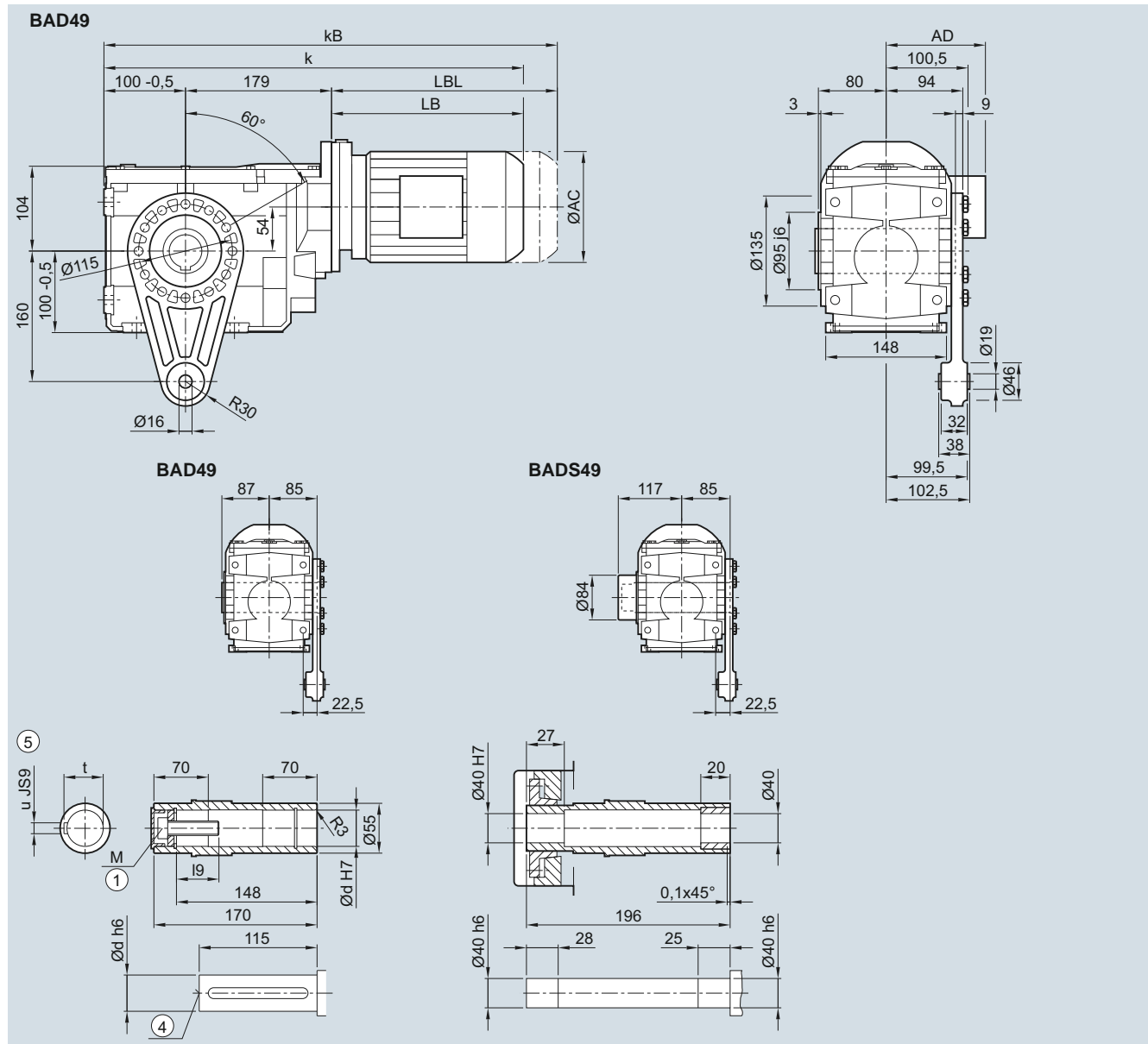
④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

BAD.49 gearbox in a shaft-mounted design

BAD030, BADS030



Shaft	d	I9	M	t	u
	35	57	M12	38.3	10
	40	67.75	M16	43.3	12

Motor	LA		LE		90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
	63M	71M	80M	80ZM								
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	463.5	495.5	559.5	594.5	621.0	661.0	677.5	712.5	687.5	722.0	740.5	790.5
kB	508.0	550.5	619.5	654.5	691.0	731.0	756.0	791.0	760.5	795.0	845.0	895.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

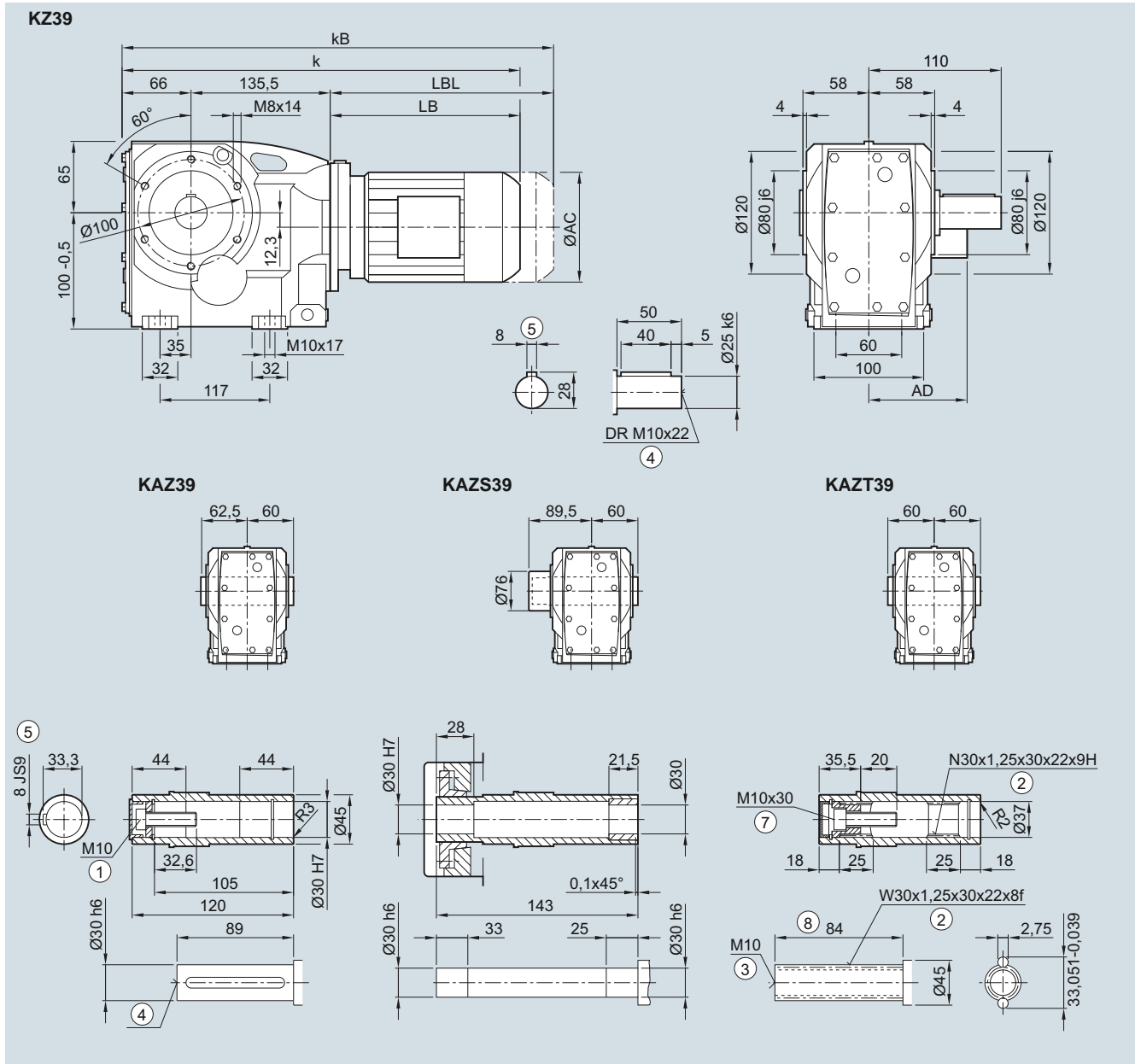
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.Z.39 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

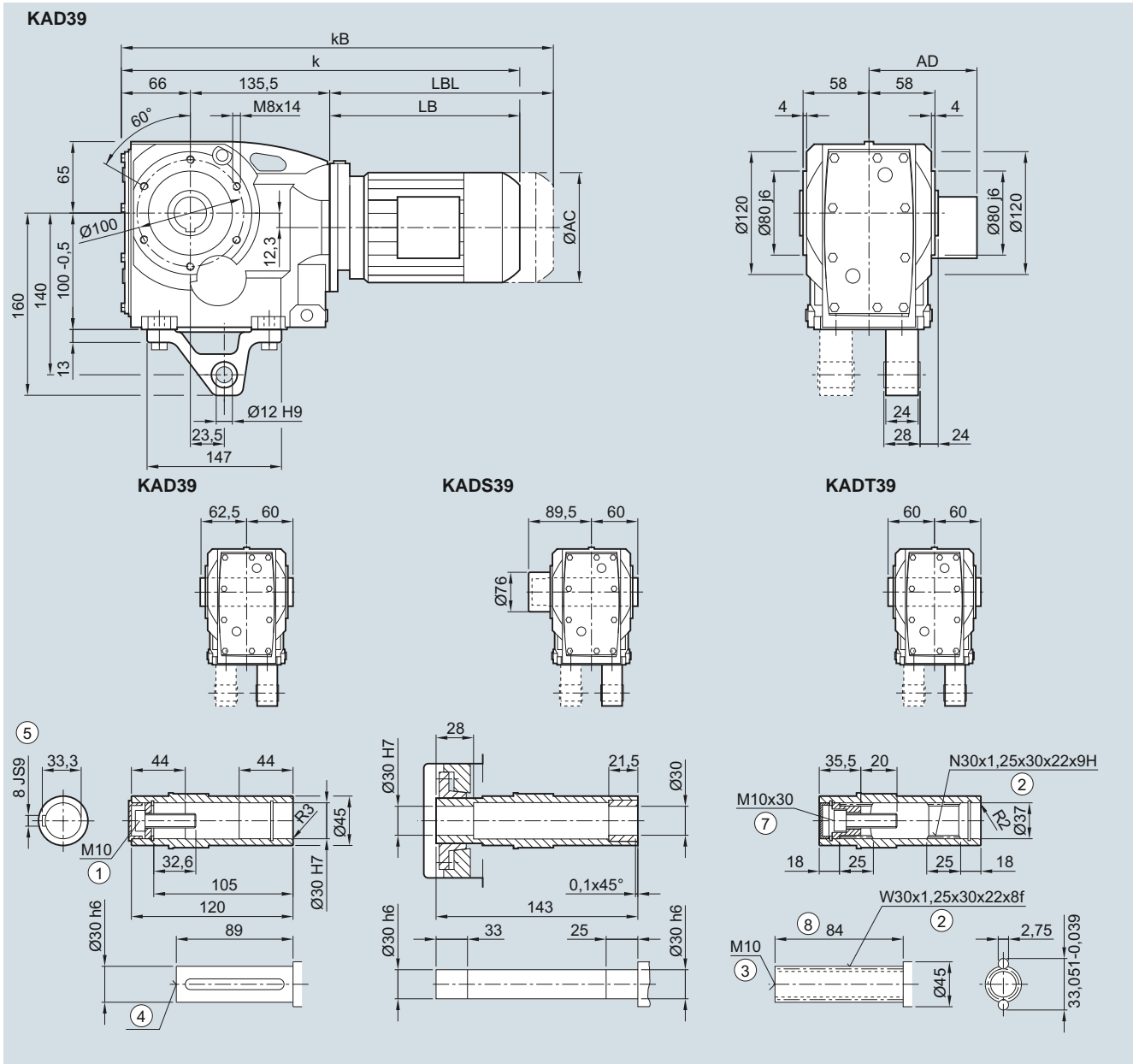


Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	395.0	427.0	491.0	526.0	552.5	592.5	609.0	644.0	619.0	644.0
kB	439.5	482.0	551.0	586.0	622.5	662.5	687.5	722.5	692.0	717.0
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

KAD.39 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	395.0	427.0	491.0	526.0	552.5	592.5	609.0	644.0	619.0	644.0
kB	439.5	482.0	551.0	586.0	622.5	662.5	687.5	722.5	692.0	717.0
LB	194.0	226.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

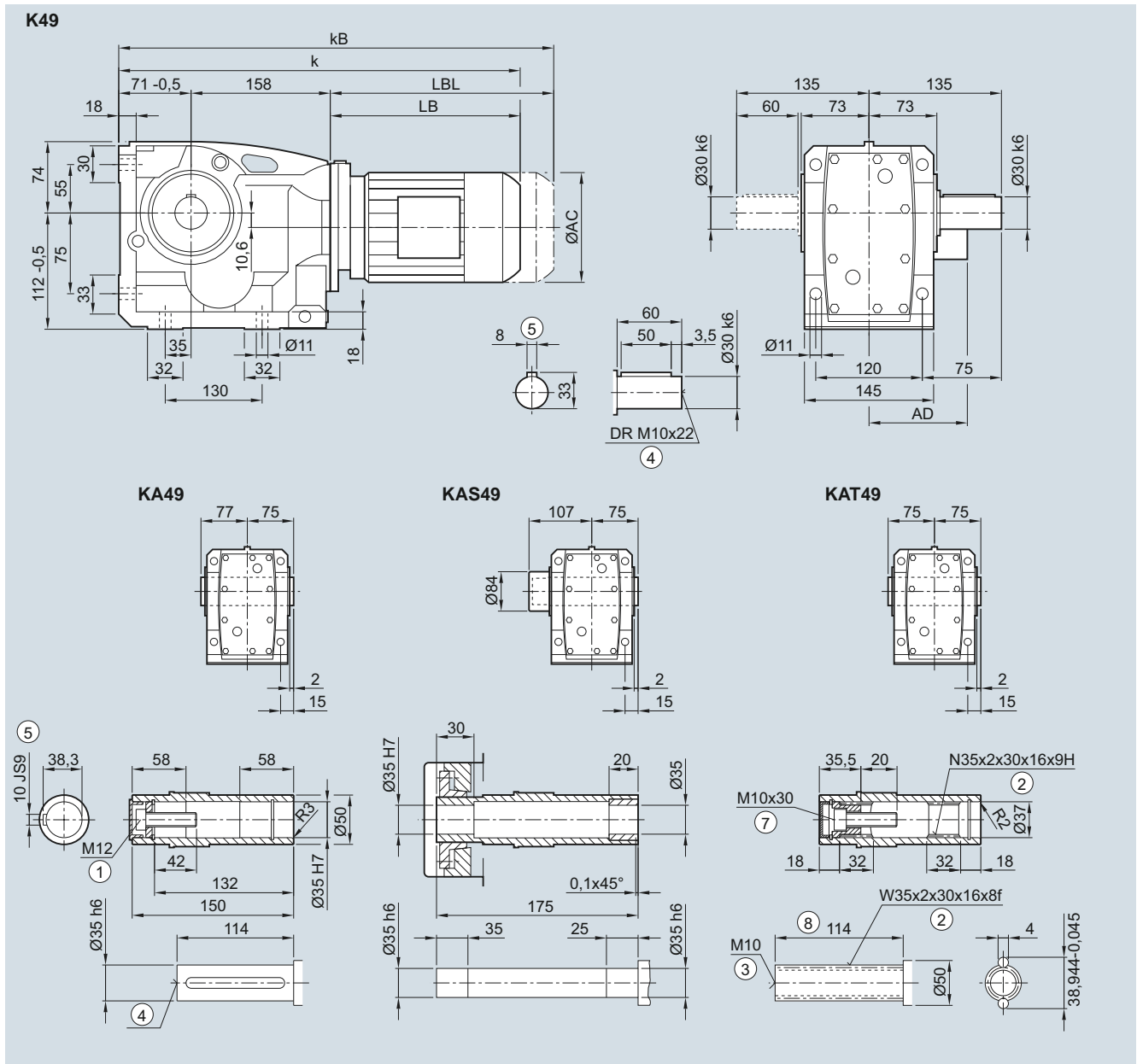
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..49 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

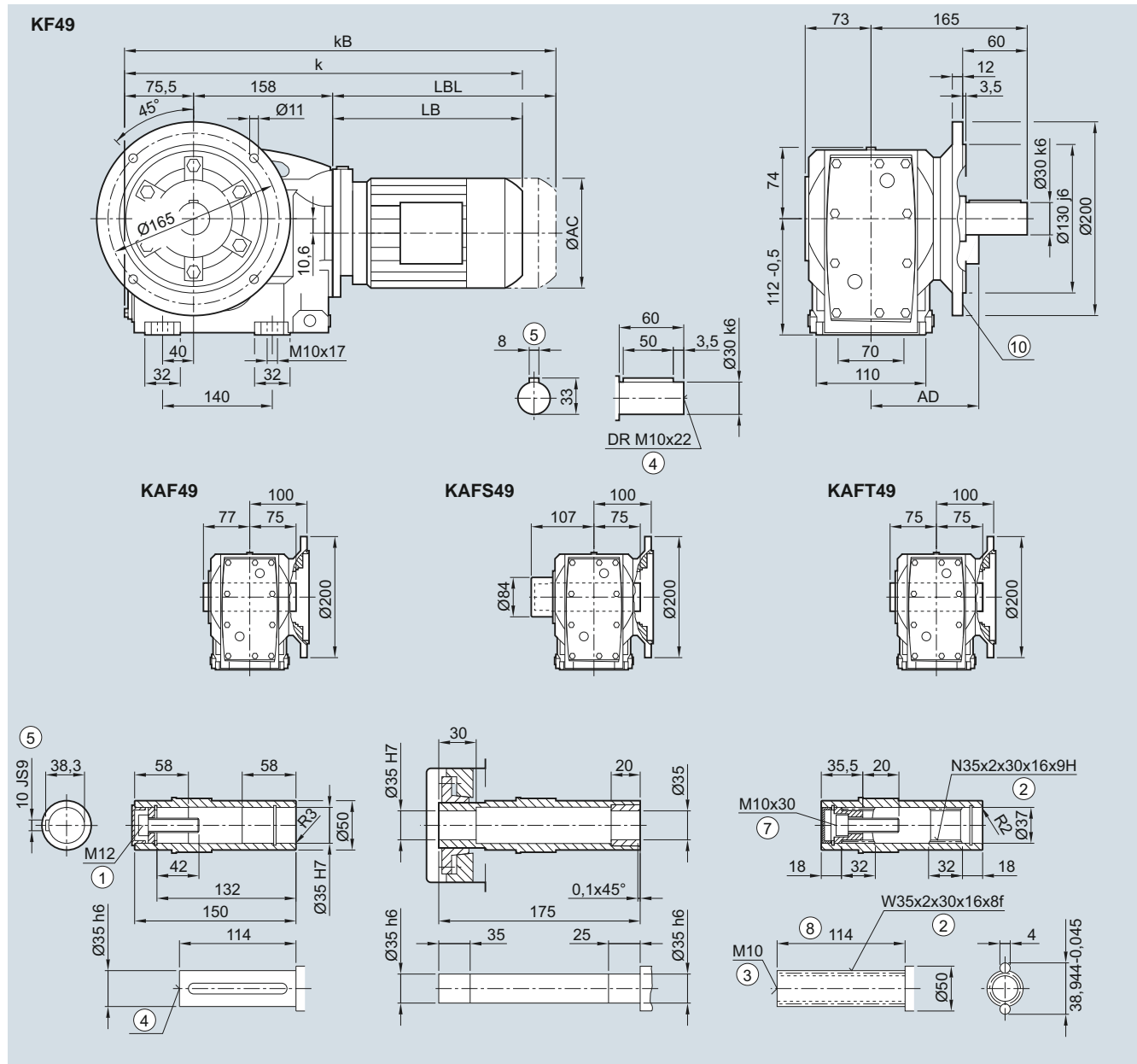


Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	413.5	445.5	509.5	544.5	571.0	611.0	627.5	662.5	637.5	672.0	690.5	740.5
kB	458.0	500.5	569.5	604.5	641.0	681.0	706.0	741.0	710.5	745.0	795.0	845.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.49 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



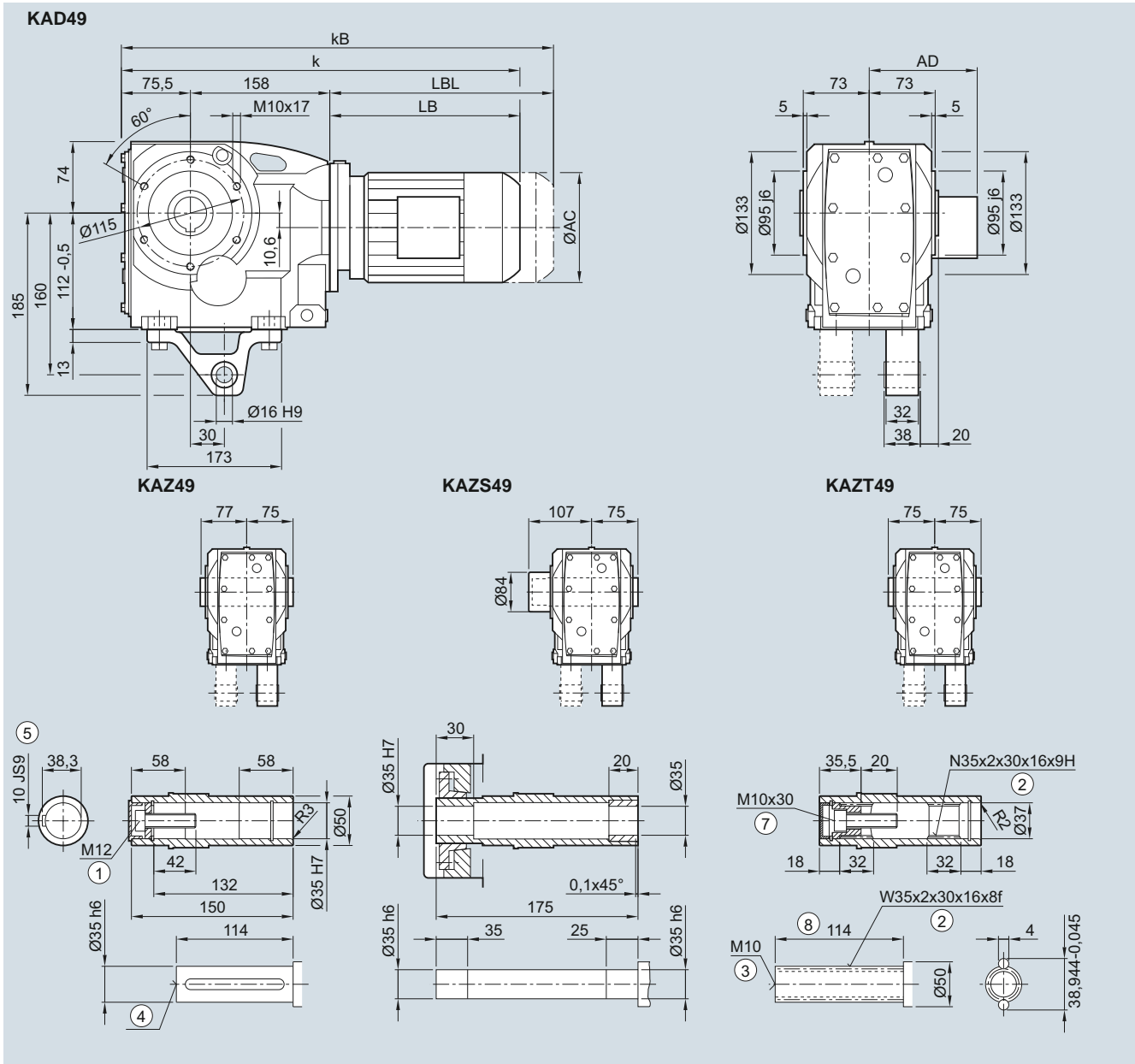
5

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	418.0	450.0	514.0	549.0	575.5	615.5	632.0	667.0	642.0	676.5	695.0	745.0
kB	462.5	505.0	574.0	609.0	645.5	685.5	710.5	745.5	715.0	749.5	799.5	849.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

KAD.49 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



5

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	418.0	450.0	514.0	549.0	575.5	615.5	632.0	667.0	642.0	676.5	695.0	745.0
kB	462.5	505.0	574.0	609.0	645.5	685.5	710.5	745.5	715.0	749.5	799.5	849.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

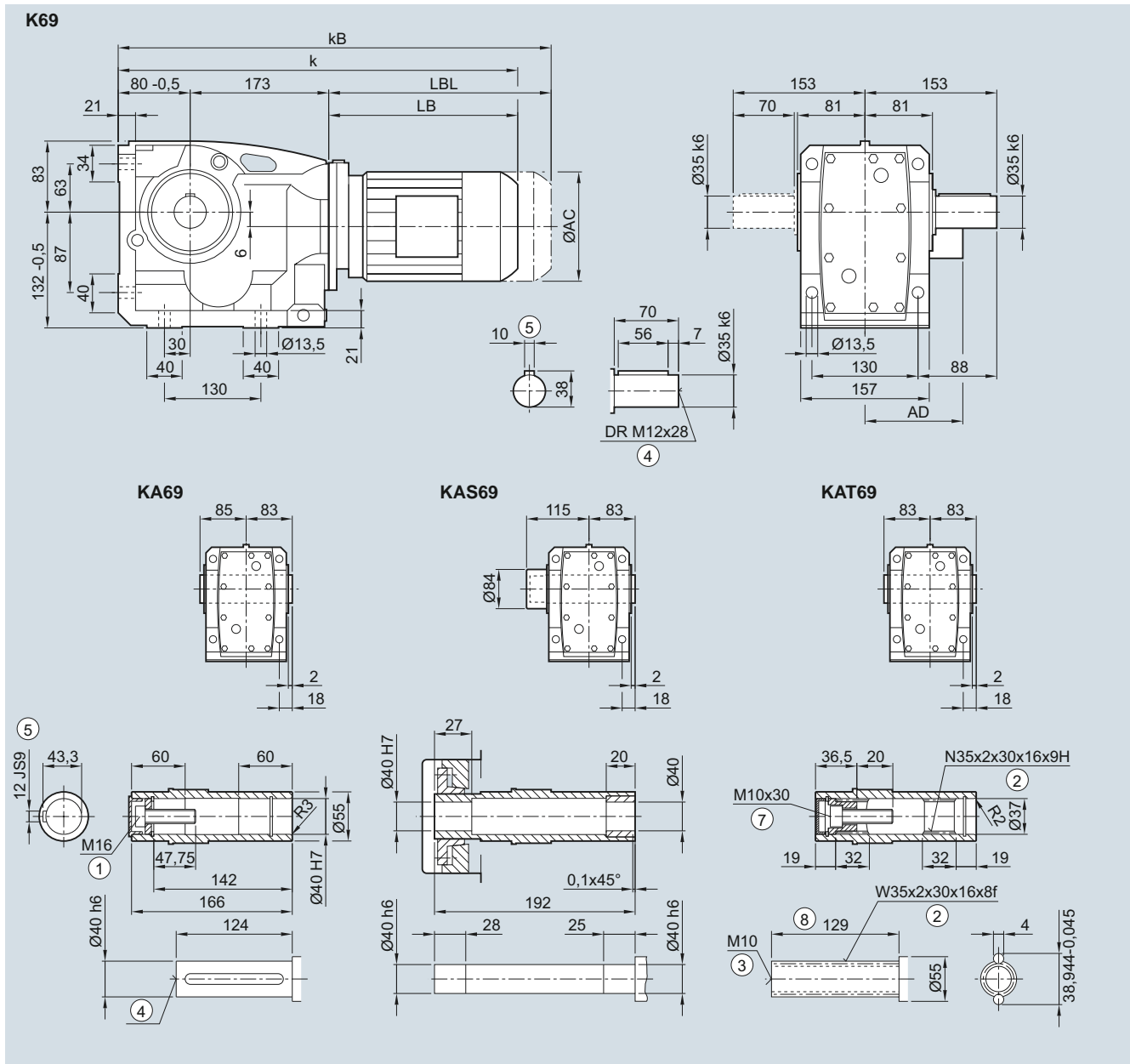
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..69 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

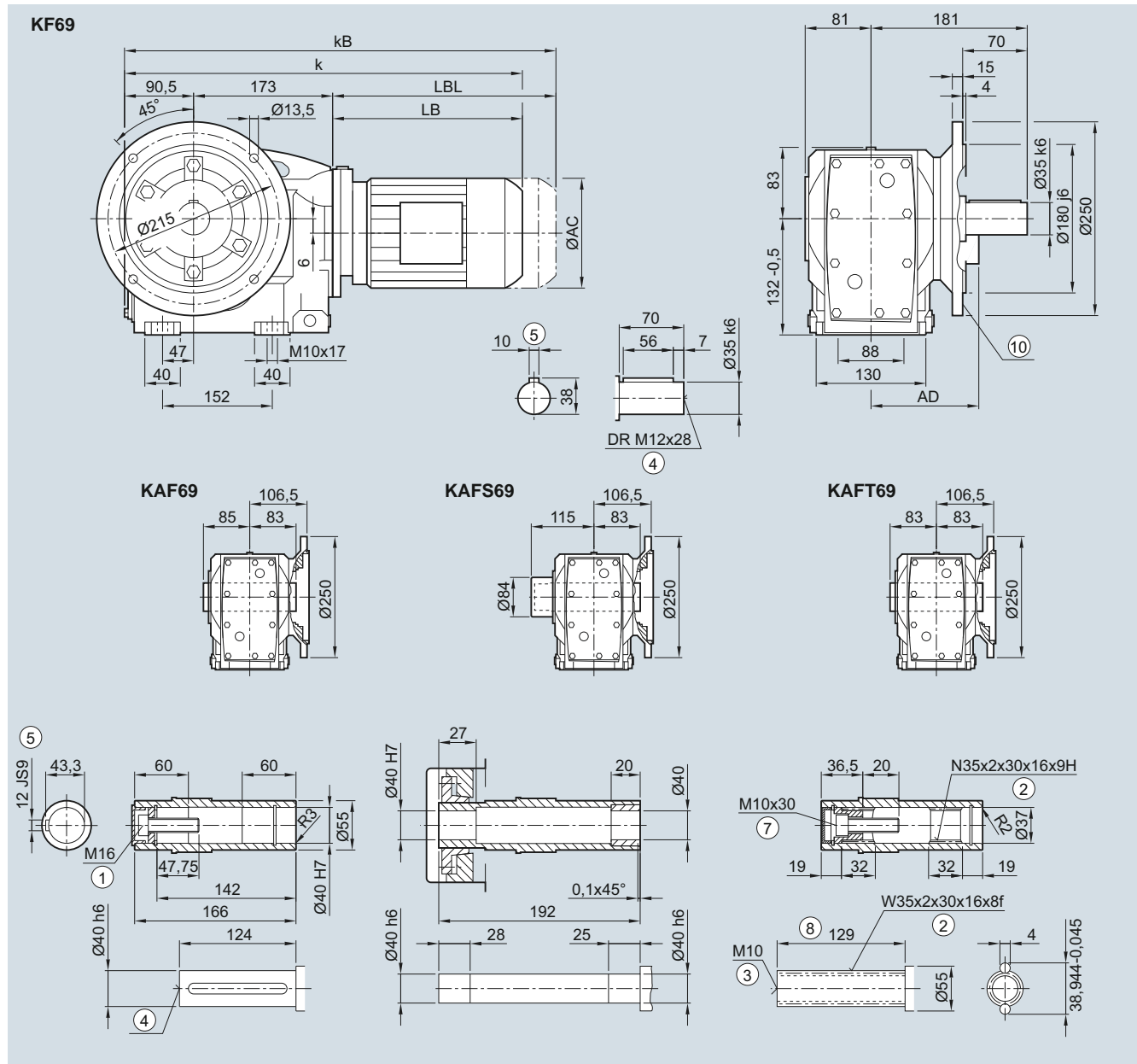


Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	437.5	469.5	533.5	568.5	595.0	635.0	651.5	686.5	661.5	696.0	714.5	764.5
kB	482.0	524.5	593.5	628.5	665.0	705.0	730.0	765.0	734.5	769.0	819.0	869.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.69 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



5

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	775.0
kB	492.5	535.0	604.0	639.0	675.5	715.5	740.5	775.5	745.0	779.5	829.5	879.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

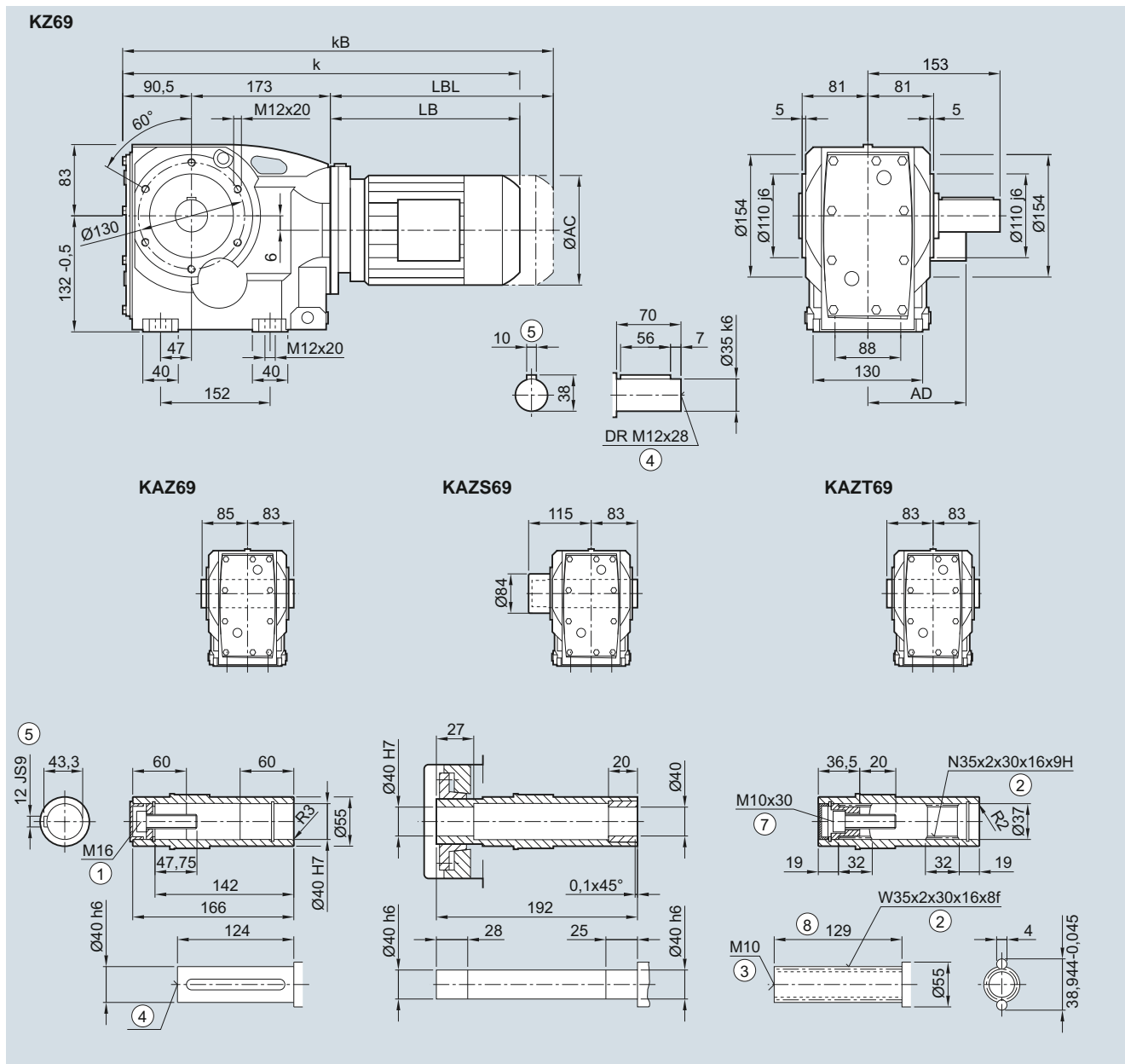
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.Z.69 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

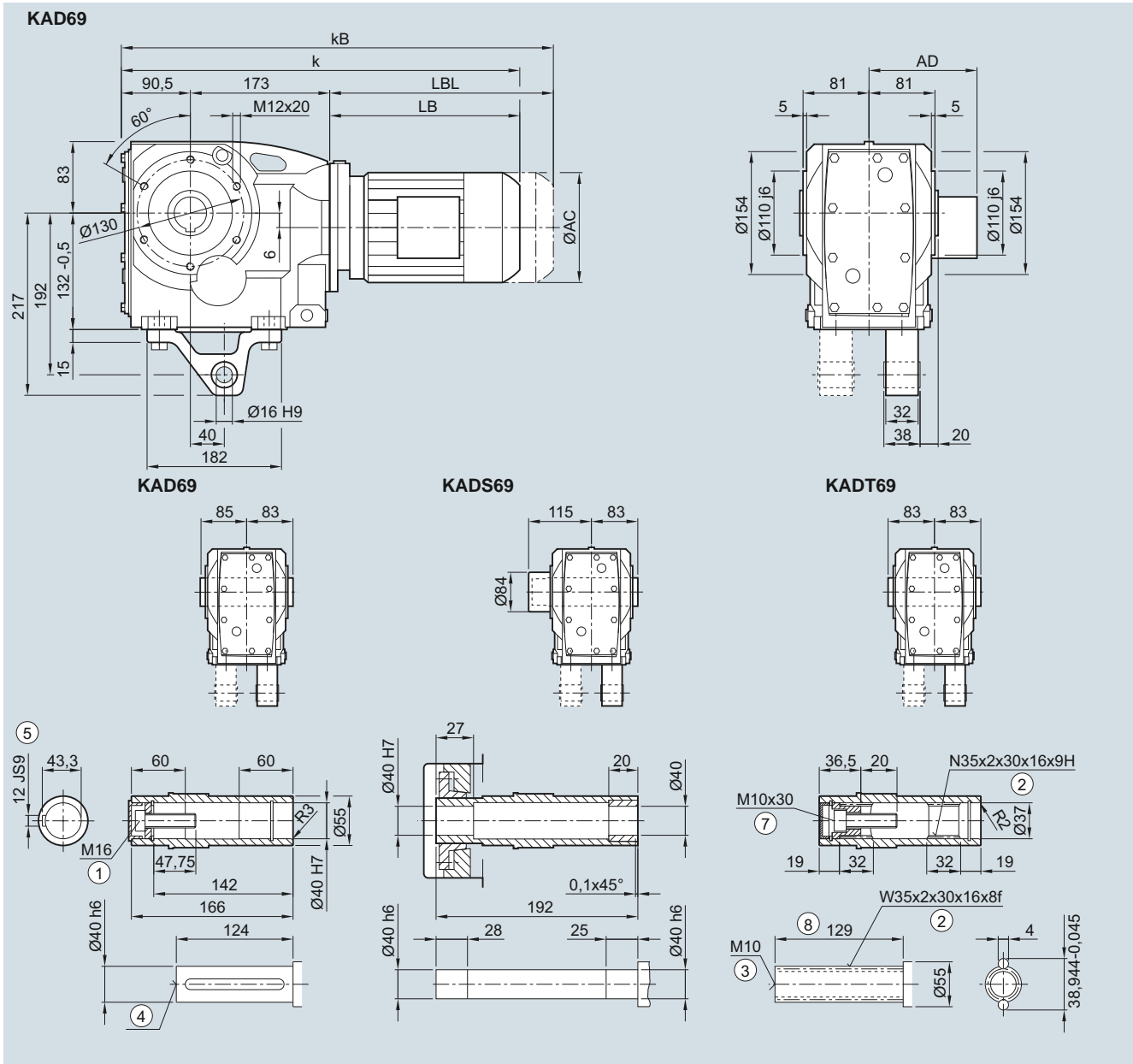


Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	775.0
kB	492.5	535.0	604.0	639.0	675.5	715.5	740.5	775.5	745.0	779.5	829.5	879.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

KAD.69 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



5

Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	775.0
kB	492.5	535.0	604.0	639.0	675.5	715.5	740.5	775.5	745.0	779.5	829.5	879.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

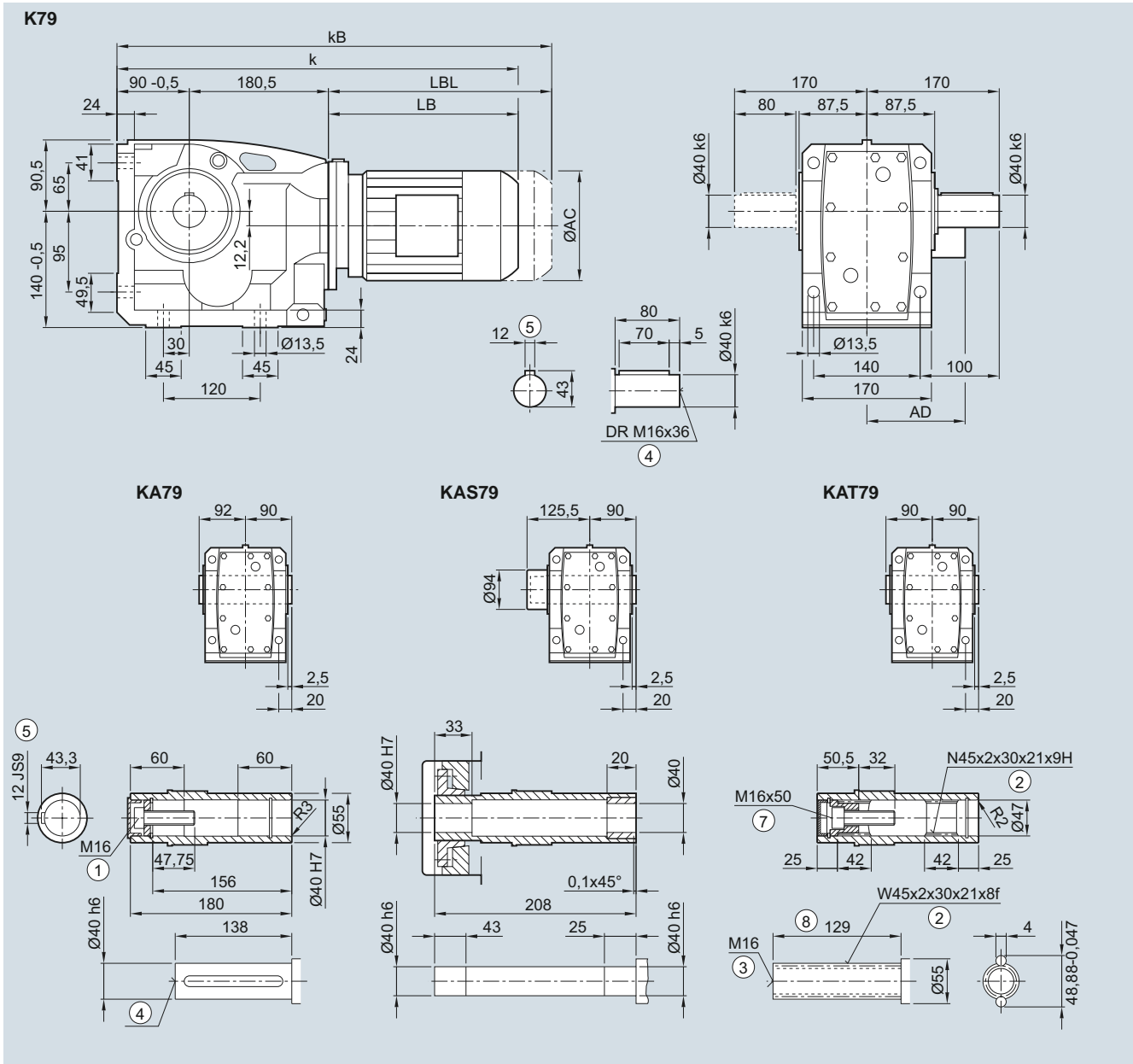
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..79 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

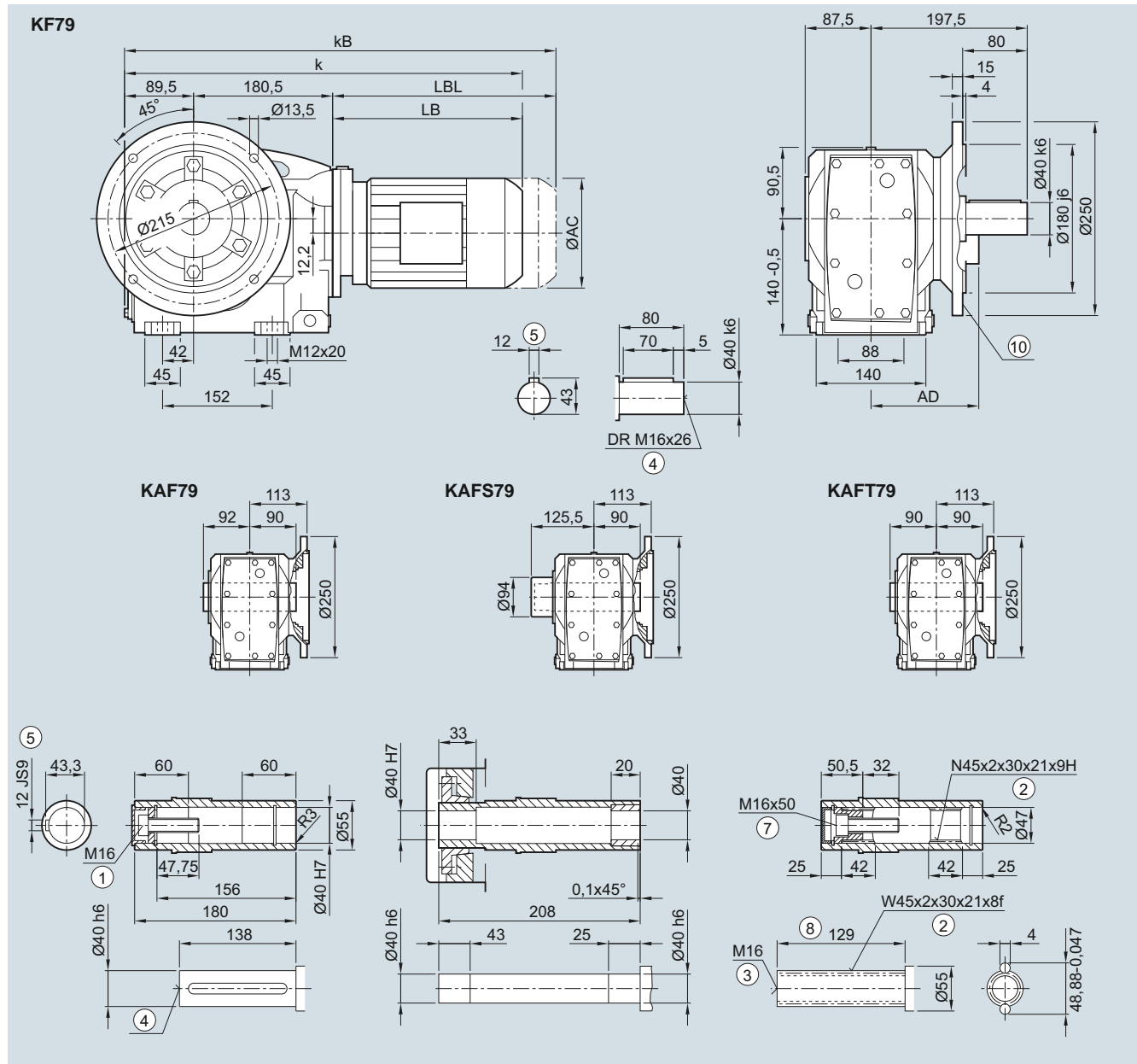


Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.5	486.5	550.5	585.5	612.0	652.0	668.5	703.5	678.5	713.0	731.5	781.5
kB	499.0	541.5	610.5	645.5	682.0	722.0	747.0	782.0	751.5	786.0	836.0	886.0
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.79 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



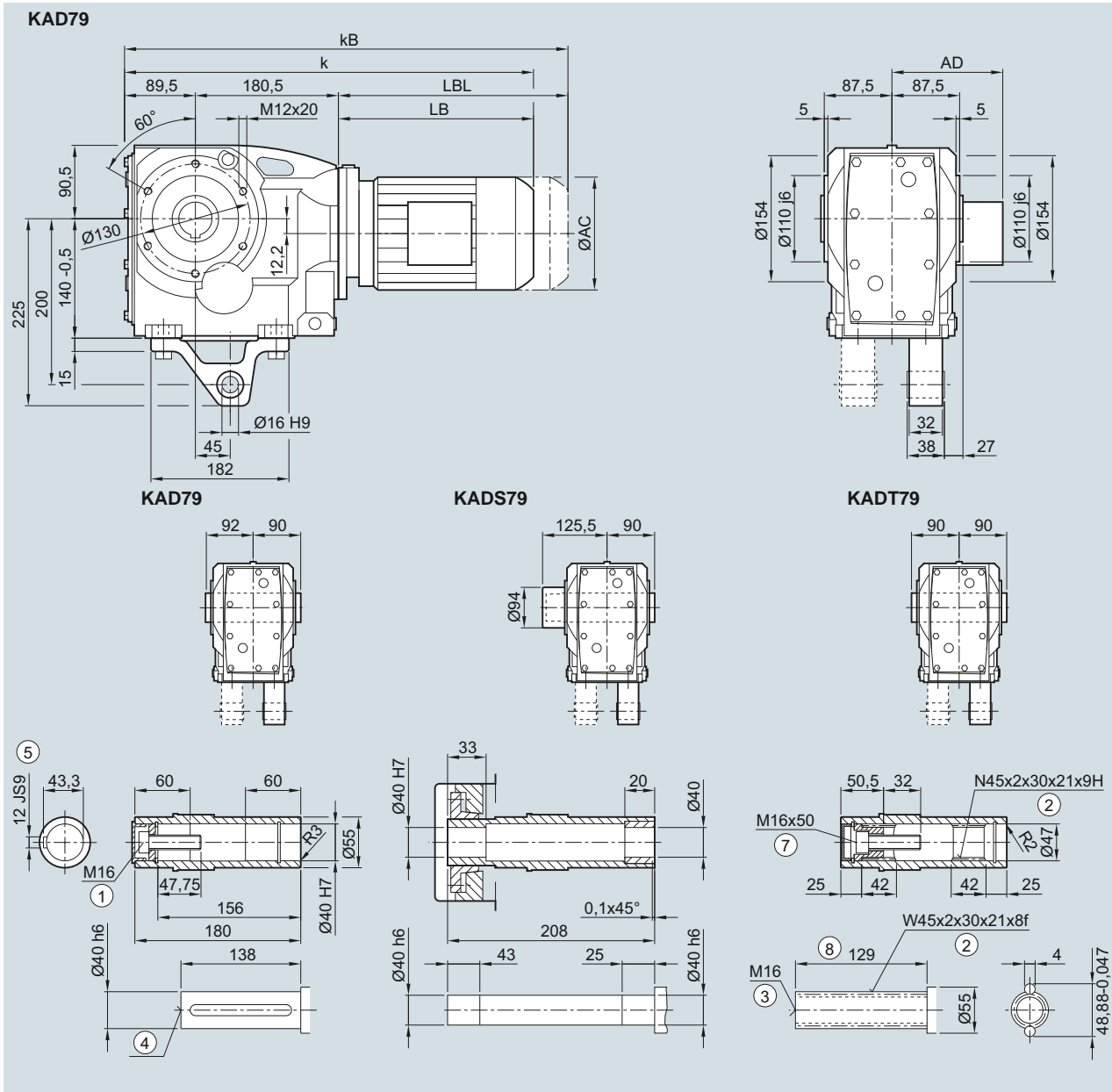
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Motor	LA 63M	71M	LE 80M	802M	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.0	486.0	550.0	585.0	611.5	651.5	668.0	703.0	678.5	712.5	731.0	781.0
kB	498.5	541.0	610.0	645.0	681.5	721.5	746.5	781.5	751.0	785.5	835.5	885.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

KAD.79 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



Motor	LA 63M	71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM
AC	117.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.0	486.0	550.0	585.0	611.5	651.5	668.0	703.0	678.5	712.5	731.0	781.0
kB	498.5	541.0	610.0	645.0	681.5	721.5	746.5	781.5	751.0	785.5	835.5	885.5
LB	184.5	216.5	280.5	315.5	342.0	382.0	398.5	433.5	408.5	443.0	461.5	511.5
LBL	229.0	271.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

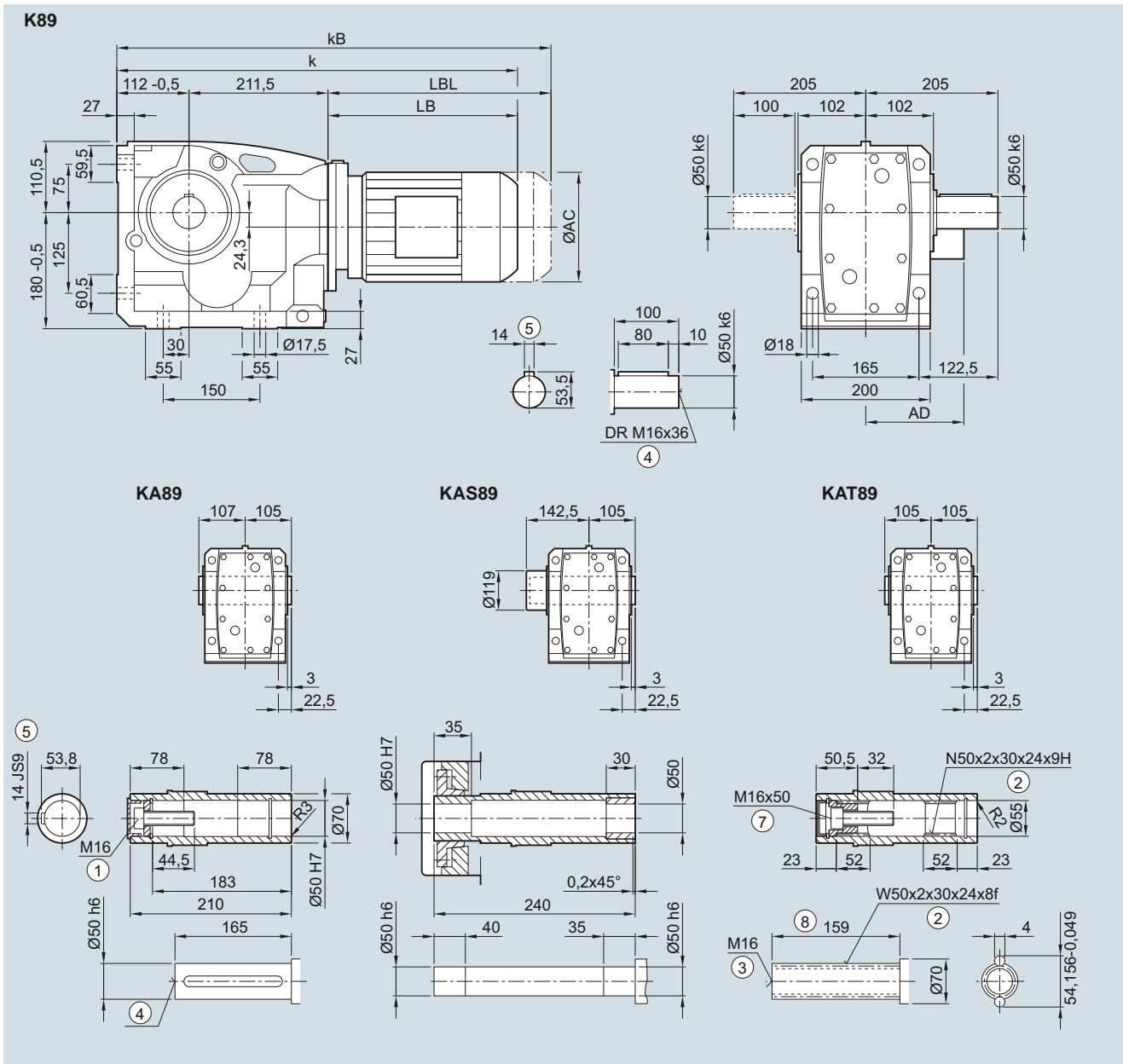
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..89 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

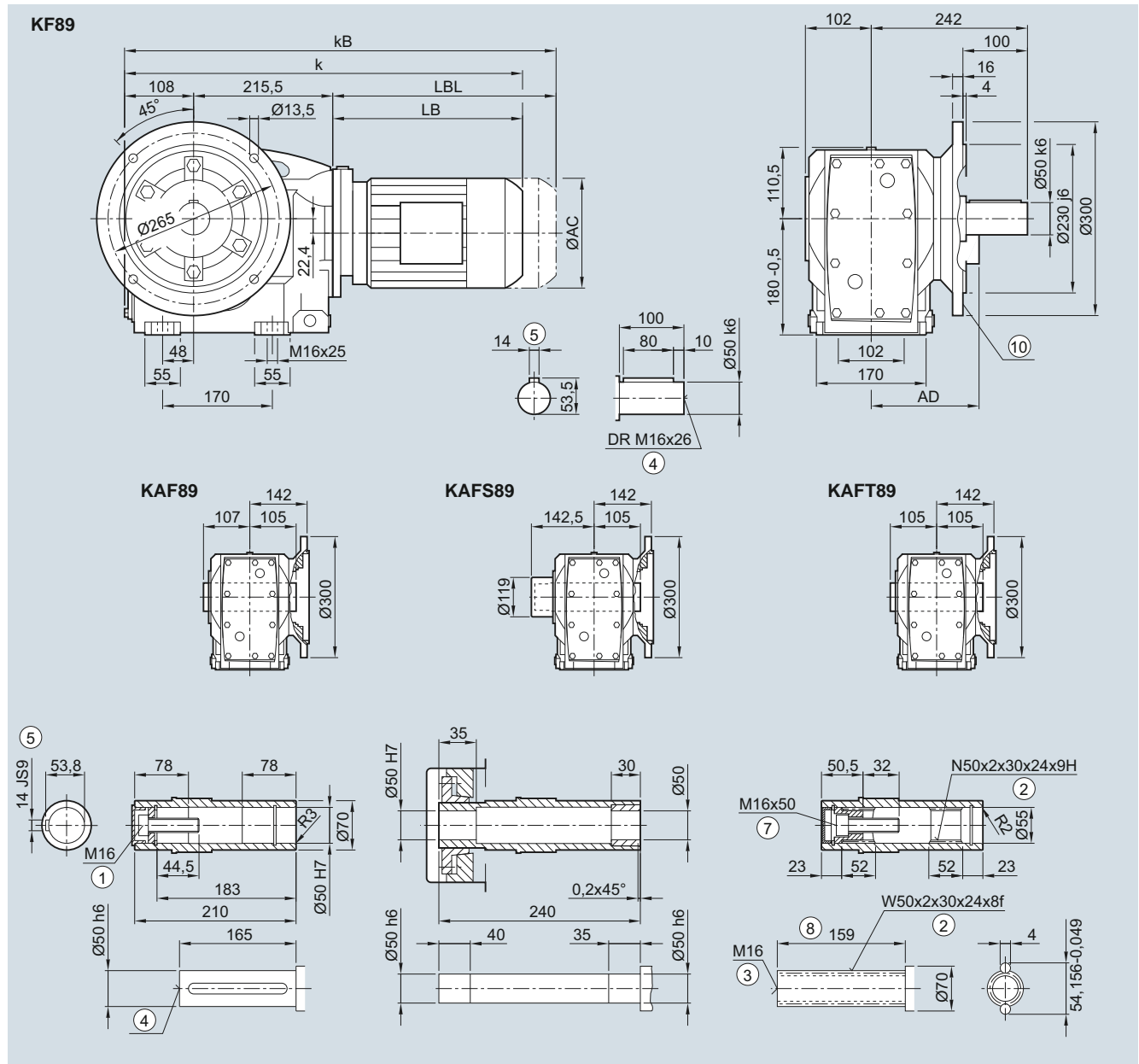


Motor	LA 71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL
AC	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0
AD ¹⁾	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0
k	538.0	598.0	633.0	659.5	699.5	716.0	751.0	726.0	751.0	779.0	829.0	861.0	921.0
kB	593.0	658.0	693.0	729.5	769.5	794.5	829.5	799.0	824.0	883.5	933.5	977.0	1 037.0
LB	214.5	274.5	309.5	336.0	376.0	392.5	427.5	402.5	427.5	455.5	505.5	537.5	597.5
LBL	269.5	334.5	369.5	406.0	446.0	471.0	506.0	475.5	500.5	560.0	610.0	653.5	713.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.89 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



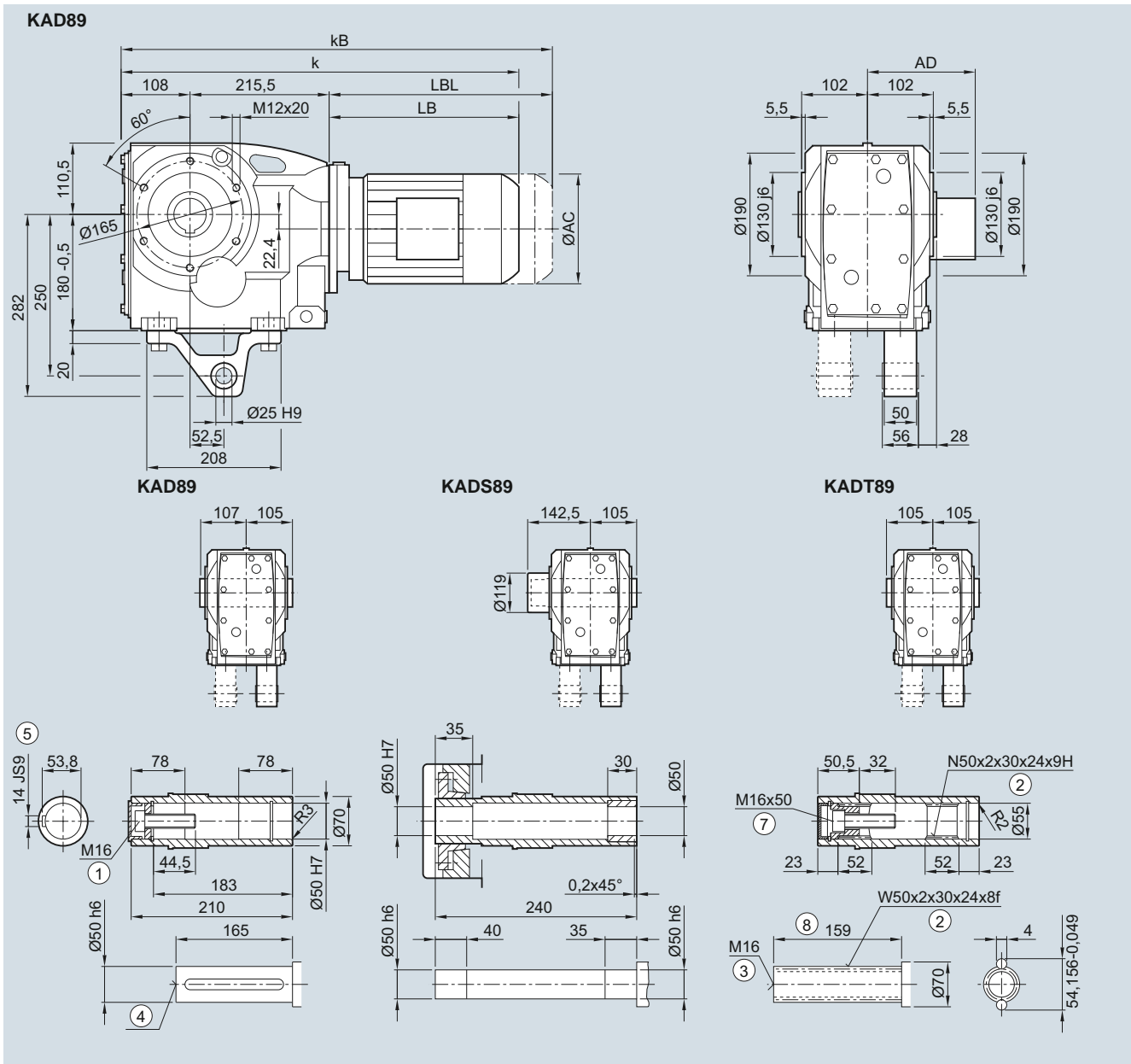
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Motor	LA 71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL
AC	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0
AD ¹⁾	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0
k	538.0	598.0	633.0	659.5	699.5	716.0	751.0	726.0	751.0	779.0	829.0	861.0	921.0
kB	593.0	658.0	693.0	729.5	769.5	794.5	829.5	799.0	824.0	883.5	933.5	977.0	1 037.0
LB	214.5	274.5	309.5	336.0	376.0	392.5	427.5	402.5	427.5	455.5	505.5	537.5	597.5
LBL	269.5	334.5	369.5	406.0	446.0	471.0	506.0	475.5	500.5	560.0	610.0	653.5	713.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

KAD.89 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



Motor	LA 71M	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL
AC	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0
AD ¹⁾	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0
k	538.0	598.0	633.0	659.5	699.5	716.0	751.0	726.0	751.0	779.0	829.0	861.0	921.0
kB	593.0	658.0	693.0	729.5	769.5	794.5	829.5	799.0	824.0	883.5	933.5	977.0	1 037.0
LB	214.5	274.5	309.5	336.0	376.0	392.5	427.5	402.5	427.5	455.5	505.5	537.5	597.5
LBL	269.5	334.5	369.5	406.0	446.0	471.0	506.0	475.5	500.5	560.0	610.0	653.5	713.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

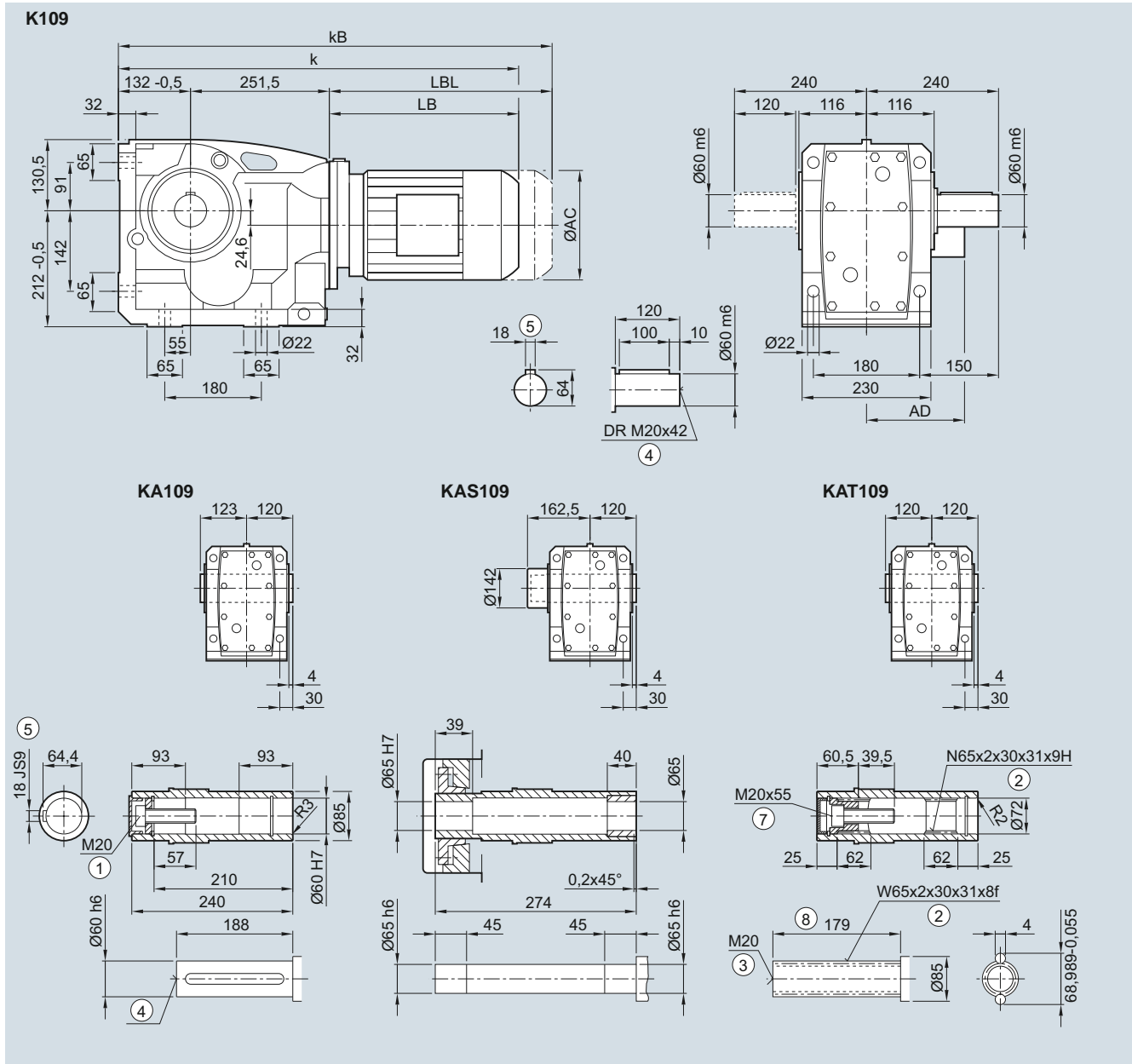
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..109 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

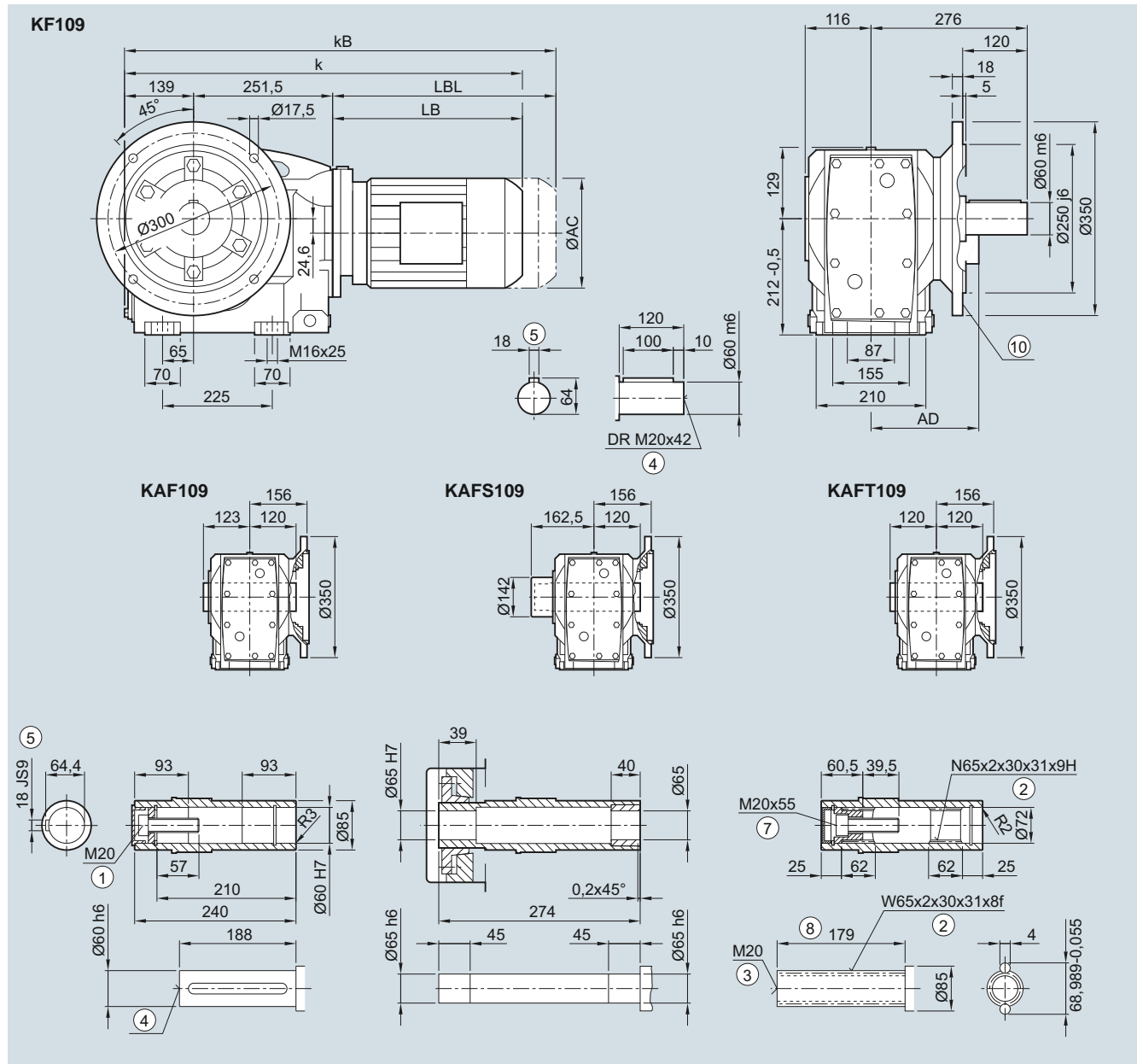


Motor	LE												LES	
	80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	645.0	680.0	706.5	746.5	759.0	794.0	769.0	794.0	822.0	872.0	904.0	964.0	977.0	1 007.0
kB	705.0	740.0	776.5	816.5	837.5	872.5	842.0	867.0	926.5	976.5	1 020.0	1 080.0	1 106.0	1 136.0
LB	261.5	296.5	323.0	363.0	375.5	410.5	385.5	410.5	438.5	488.5	520.5	580.5	593.5	623.5
LBL	321.5	356.5	393.0	433.0	454.0	489.0	458.5	483.5	543.0	593.0	636.5	696.5	722.5	752.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.109 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



Motor	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	LES 180M/L	180ZL
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0	879.0	911.0	971.0	984.0	1 014.0
kB	712.0	747.0	783.5	823.5	844.5	879.5	849.0	874.0	933.5	983.5	1 027.0	1 087.0	1 113.0	1 143.0
LB	261.5	296.5	323.0	363.0	375.5	410.5	385.5	410.5	438.5	488.5	520.5	580.5	593.5	623.5
LBL	321.5	356.5	393.0	433.0	454.0	489.0	458.5	483.5	543.0	593.0	636.5	696.5	722.5	752.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

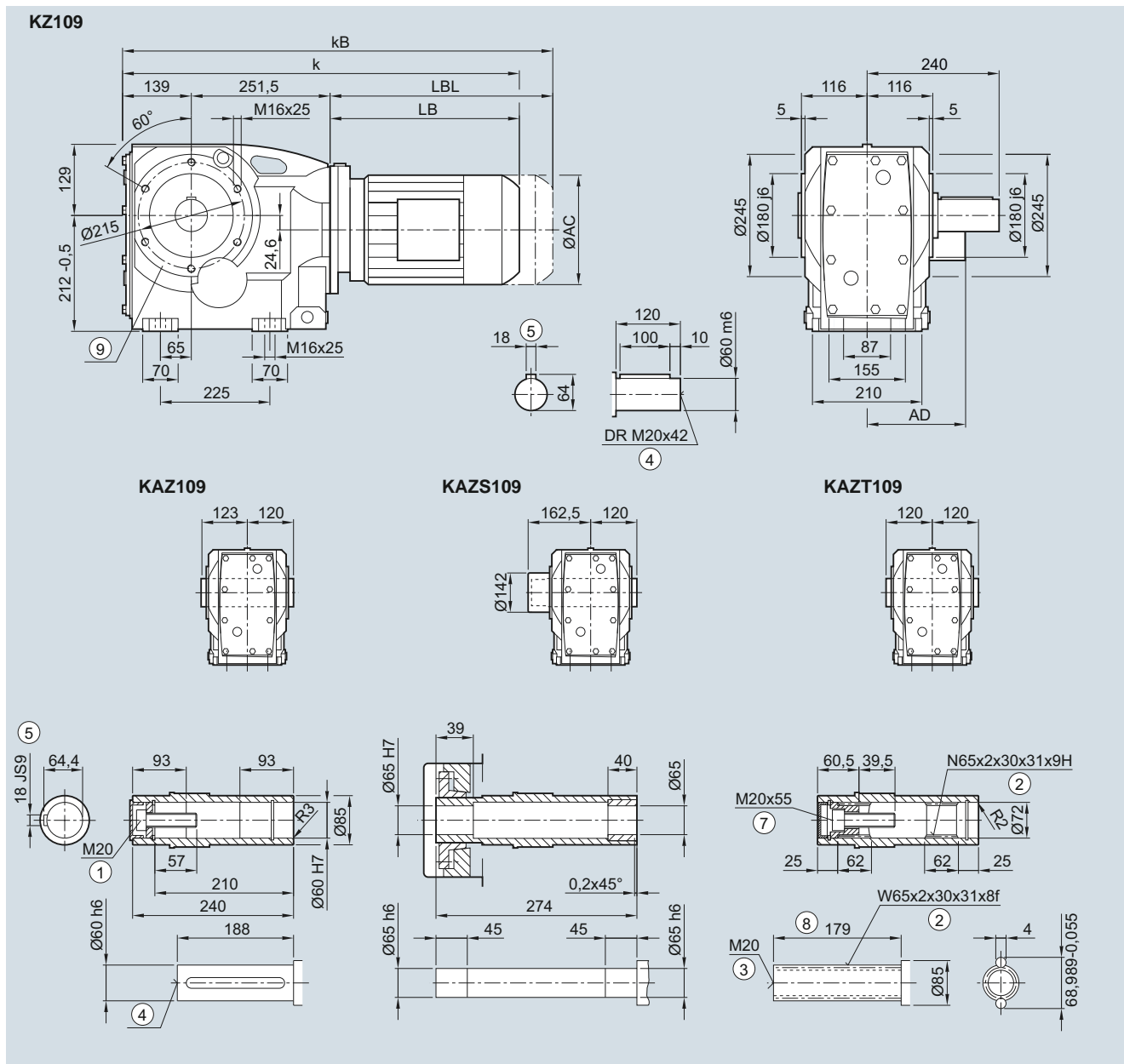
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.Z.109 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

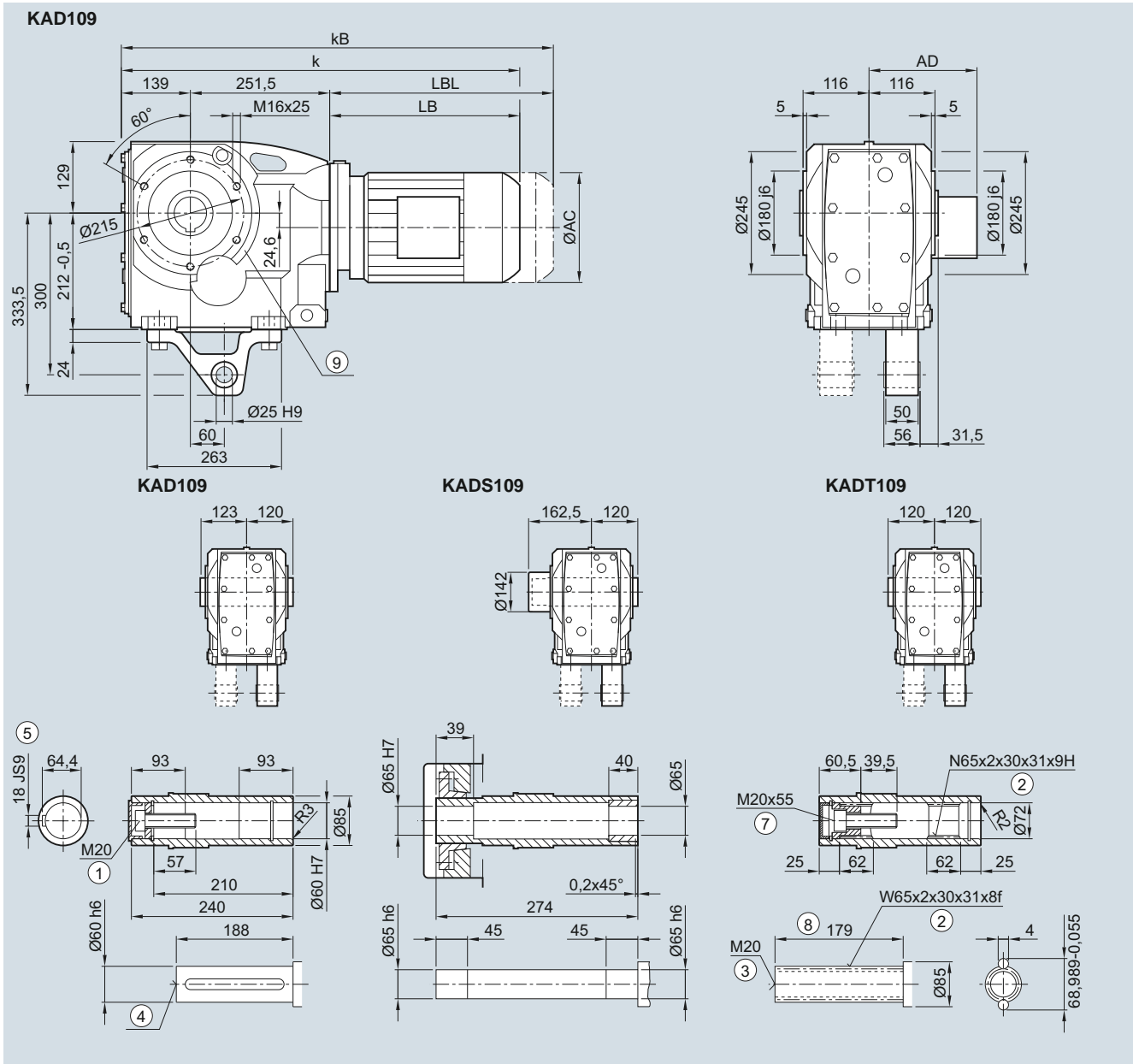


Motor	LE 80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	LES 180M/L	180ZL
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0	879.0	911.0	971.0	984.0	1 014.0
kB	712.0	747.0	783.5	823.5	844.5	879.5	849.0	874.0	933.5	983.5	1 027.0	1 087.0	1 113.0	1 143.0
LB	261.5	296.5	323.0	363.0	375.5	410.5	385.5	410.5	438.5	488.5	520.5	580.5	593.5	623.5
LBL	321.5	356.5	393.0	433.0	454.0	489.0	458.5	483.5	543.0	593.0	636.5	696.5	722.5	752.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑨ For pin holes, see Page 5/115.

KAD.109 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



5

Motor	LE												LES	
	80M	80ZM	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0	879.0	911.0	971.0	984.0	1 014.0
kB	712.0	747.0	783.5	823.5	844.5	879.5	849.0	874.0	933.5	983.5	1 027.0	1 087.0	1 113.0	1 143.0
LB	261.5	296.5	323.0	363.0	375.5	410.5	385.5	410.5	438.5	488.5	520.5	580.5	593.5	623.5
LBL	321.5	356.5	393.0	433.0	454.0	489.0	458.5	483.5	543.0	593.0	636.5	696.5	722.5	752.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑨ For pin holes, see Page 5/115.

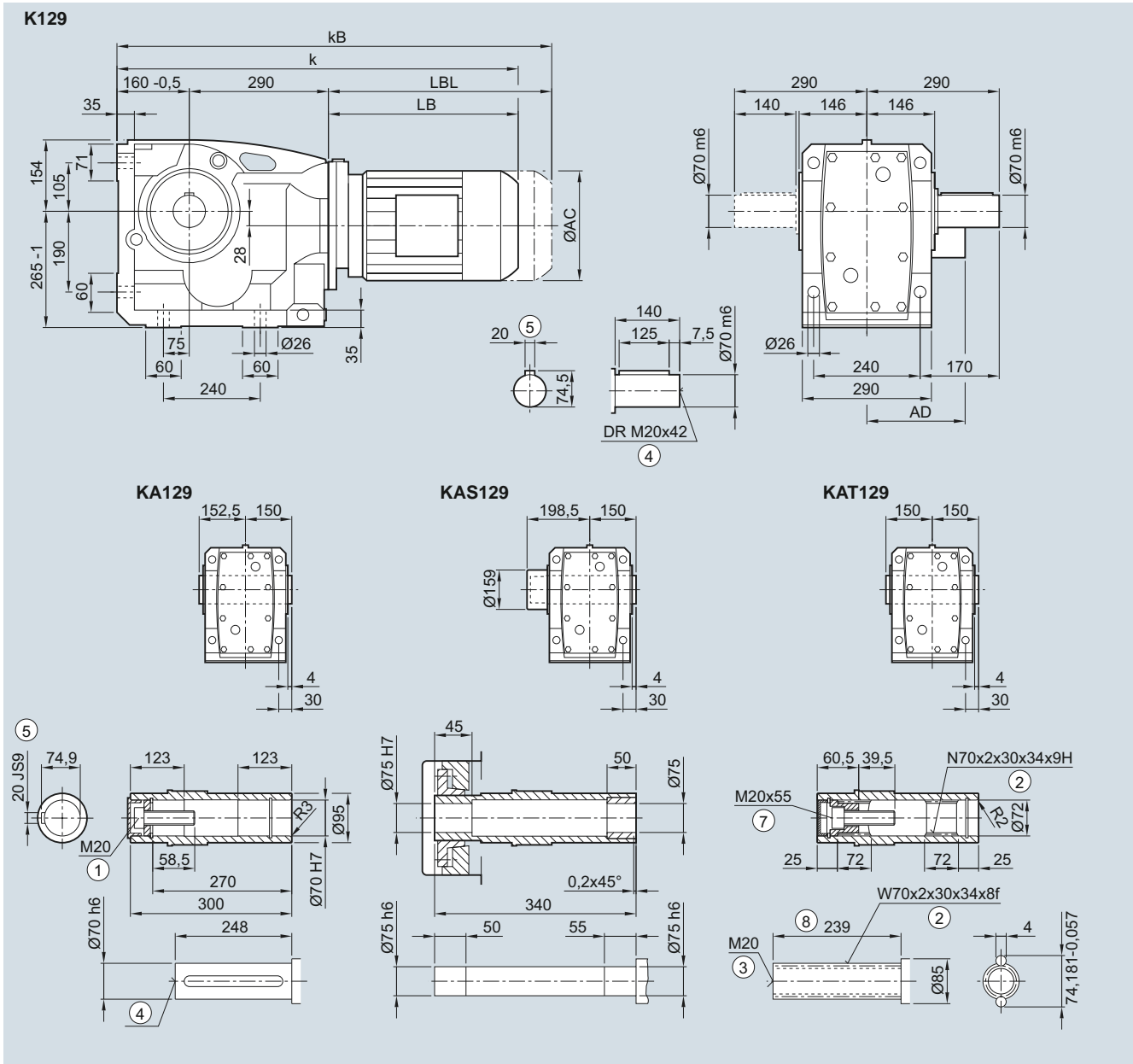
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..129 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

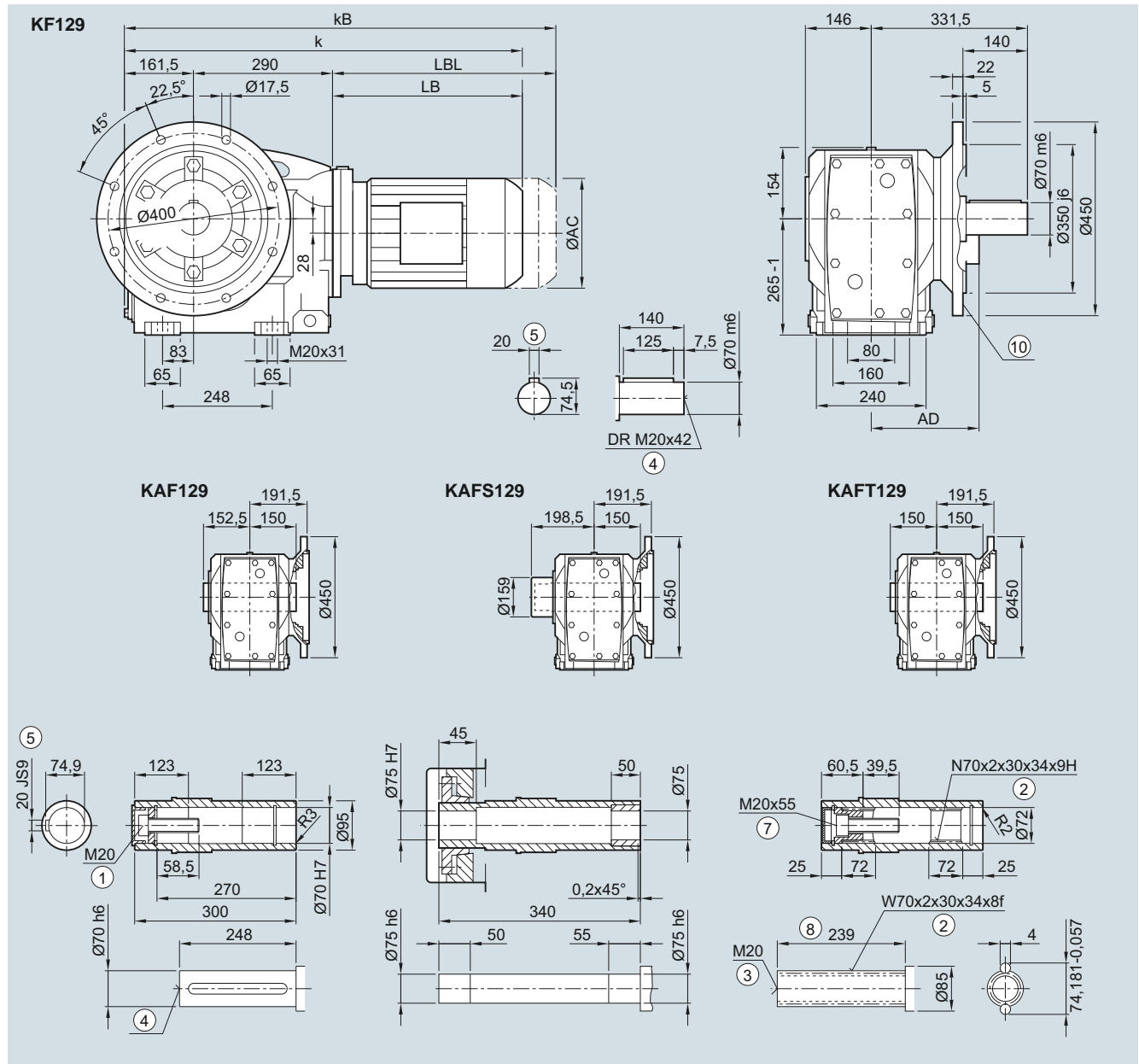


Motor	LE										LES					
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0
k	766.0	806.0	816.5	851.5	826.5	851.5	879.5	929.5	961.5	1 021.5	1 034.5	1 064.5	1 102.5	1 127.5	1 148.0	1 208.0
kB	836.0	876.0	895.0	930.0	899.5	924.5	984.0	1 034.0	1 077.5	1 137.5	1 163.5	1 193.5	1 249.5	1 274.5	-	-
LB	316.0	356.0	366.5	401.5	376.5	401.5	429.5	479.5	511.5	571.5	584.5	614.5	652.5	677.5	698.0	758.0
LBL	386.0	426.0	445.0	480.0	449.5	474.5	534.0	584.0	627.5	687.5	713.5	743.5	799.5	824.5	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

K.F.129 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



5

Motor	LE										LES					
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0
k	767.5	807.5	818.0	853.0	828.0	853.0	881.0	931.0	963.0	1 023.0	1 036.0	1 066.0	1 104.0	1 129.0	1 149.5	1 209.5
kB	837.5	877.5	896.5	931.5	901.0	926.0	985.5	1 035.5	1 079.0	1 139.0	1 165.0	1 195.0	1 251.0	1 276.0	-	-
LB	316.0	356.0	366.5	401.5	376.5	401.5	429.5	479.5	511.5	571.5	584.5	614.5	652.5	677.5	698.0	758.0
LBL	386.0	426.0	445.0	480.0	449.5	474.5	534.0	584.0	627.5	687.5	713.5	743.5	799.5	824.5	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

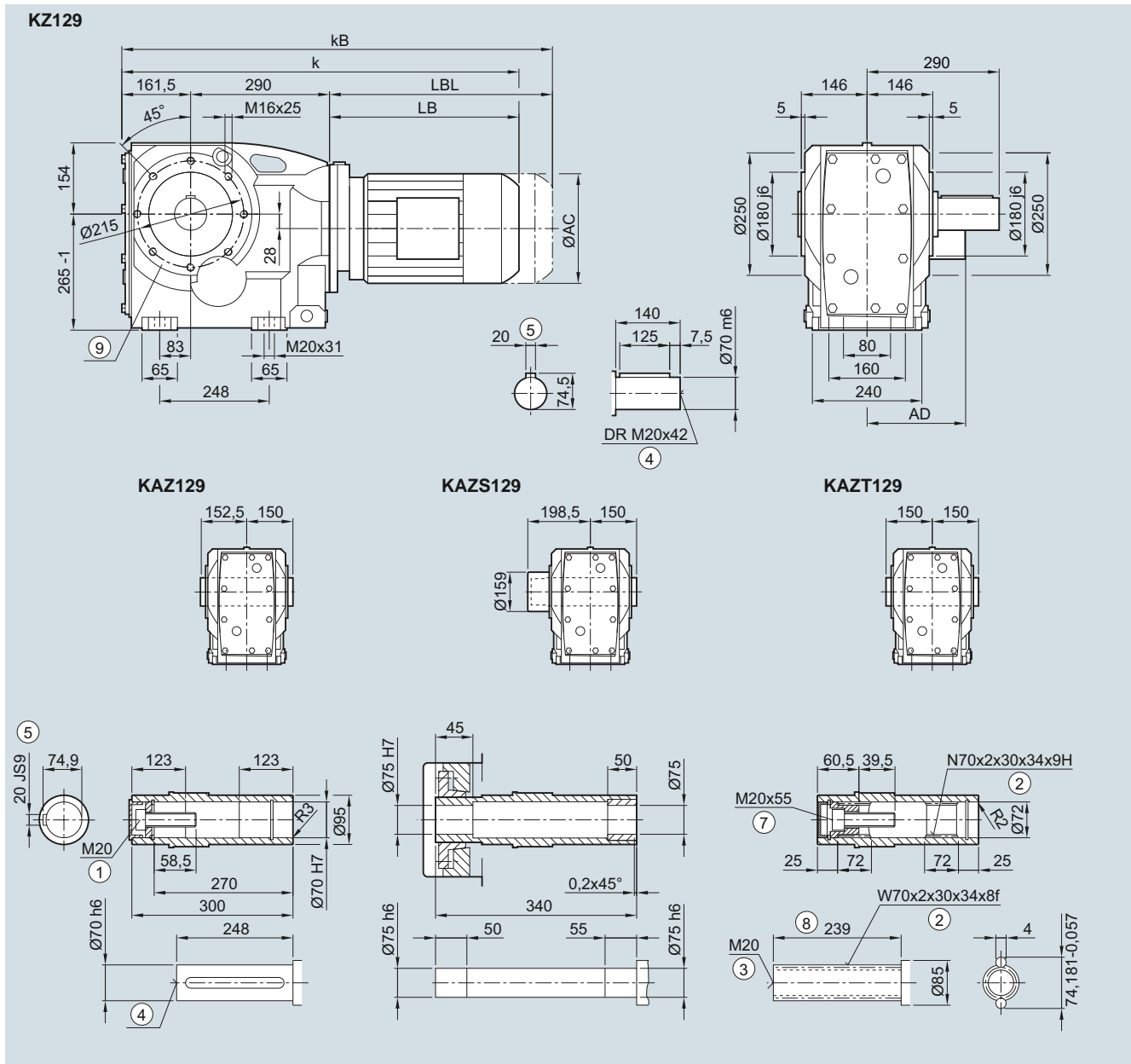
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.Z.129 in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030



Motor	LE										LES					
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0
k	767.5	807.5	818.0	853.0	828.0	853.0	881.0	931.0	963.0	1 023.0	1 036.0	1 066.0	1 104.0	1 129.0	1 149.5	1 209.5
kB	837.5	877.5	896.5	931.5	901.0	926.0	985.5	1 035.5	1 079.0	1 139.0	1 165.0	1 195.0	1 251.0	1 276.0	-	-
LB	316.0	356.0	366.5	401.5	376.5	401.5	429.5	479.5	511.5	571.5	584.5	614.5	652.5	677.5	698.0	758.0
LBL	386.0	426.0	445.0	480.0	449.5	474.5	534.0	584.0	627.5	687.5	713.5	743.5	799.5	824.5	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑨ For pin holes, see Page 5/115.

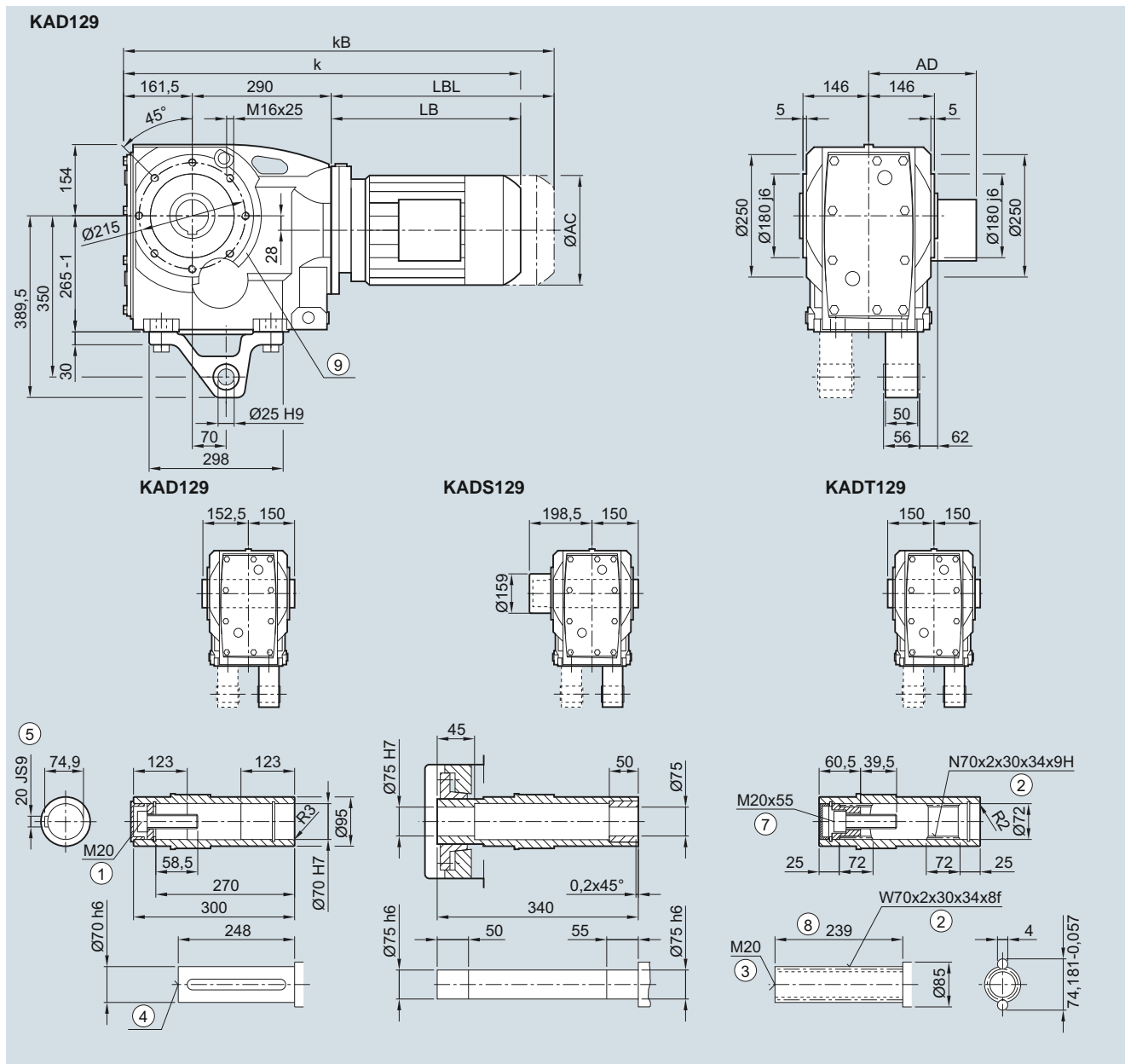
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

KAD.129 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



5

Motor	LE										LES					
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0
k	767.5	807.5	818.0	853.0	828.0	853.0	881.0	931.0	963.0	1 023.0	1 036.0	1 066.0	1 104.0	1 129.0	1 149.5	1 209.5
kB	837.5	877.5	896.5	931.5	901.0	926.0	985.5	1 035.5	1 079.0	1 139.0	1 165.0	1 195.0	1 251.0	1 276.0	-	-
LB	316.0	356.0	366.5	401.5	376.5	401.5	429.5	479.5	511.5	571.5	584.5	614.5	652.5	677.5	698.0	758.0
LBL	386.0	426.0	445.0	480.0	449.5	474.5	534.0	584.0	627.5	687.5	713.5	743.5	799.5	824.5	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑨ For pin holes, see Page 5/115.

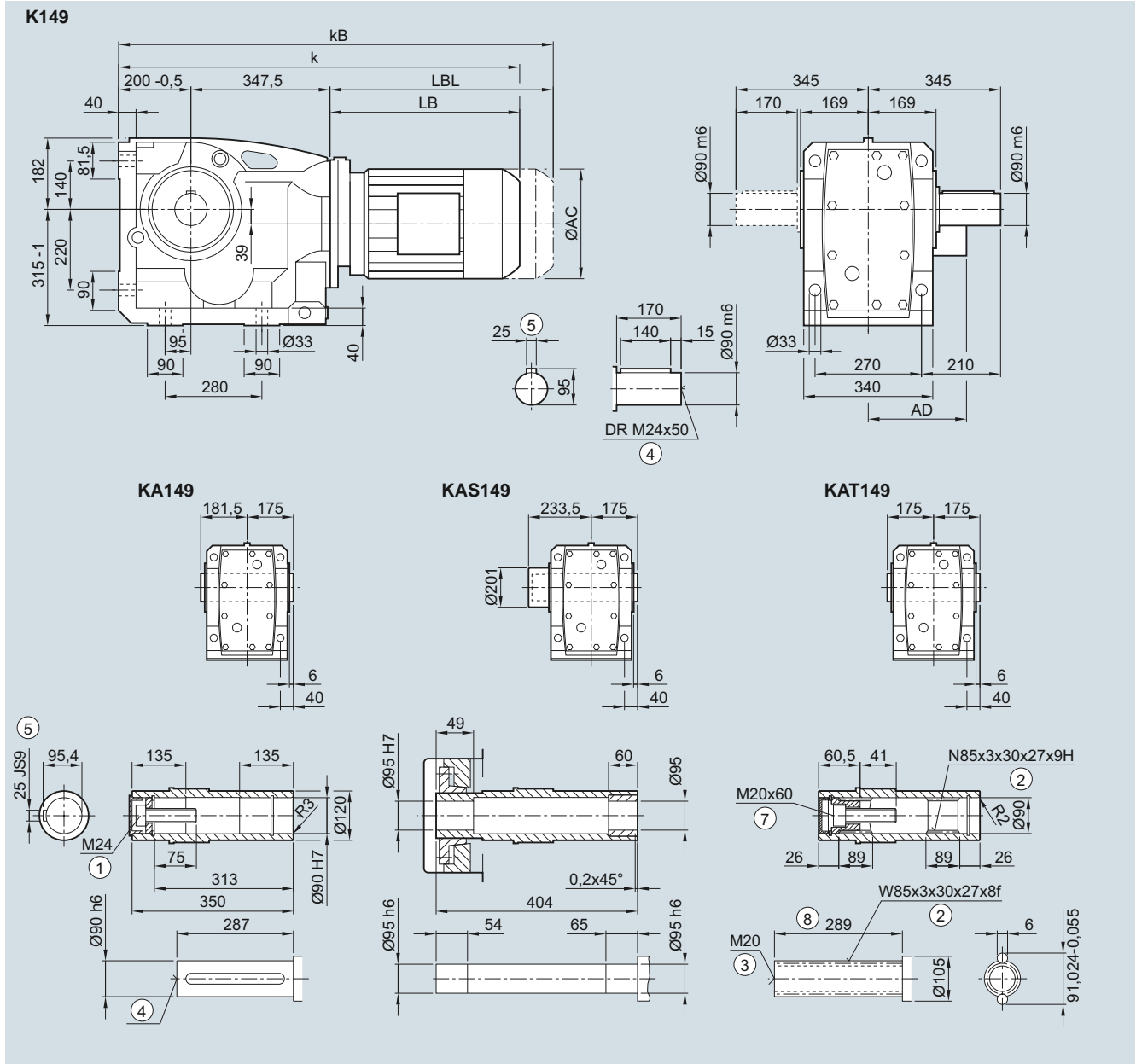
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K..149 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030



Motor	LE										LES						
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM	250M
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0	407.5
k	856.5	896.5	905.0	940.0	915.0	940.0	966.0	1016.0	1048.0	1108.0	1121.0	1151.0	1189.0	1214.0	1240.5	1300.5	1346.0
kB	926.5	966.5	983.5	1018.5	988.0	1013.0	1070.5	1120.5	1164.0	1224.0	1250.0	1280.0	1336.0	1361.0	-	-	-
LB	309.0	349.0	357.5	392.5	367.5	392.5	418.5	468.5	500.5	560.5	573.5	603.5	641.5	666.5	693.0	753.0	798.5
LBL	379.0	419.0	436.0	471.0	440.5	465.5	523.0	573.0	616.5	676.5	702.5	732.5	788.5	813.5	-	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

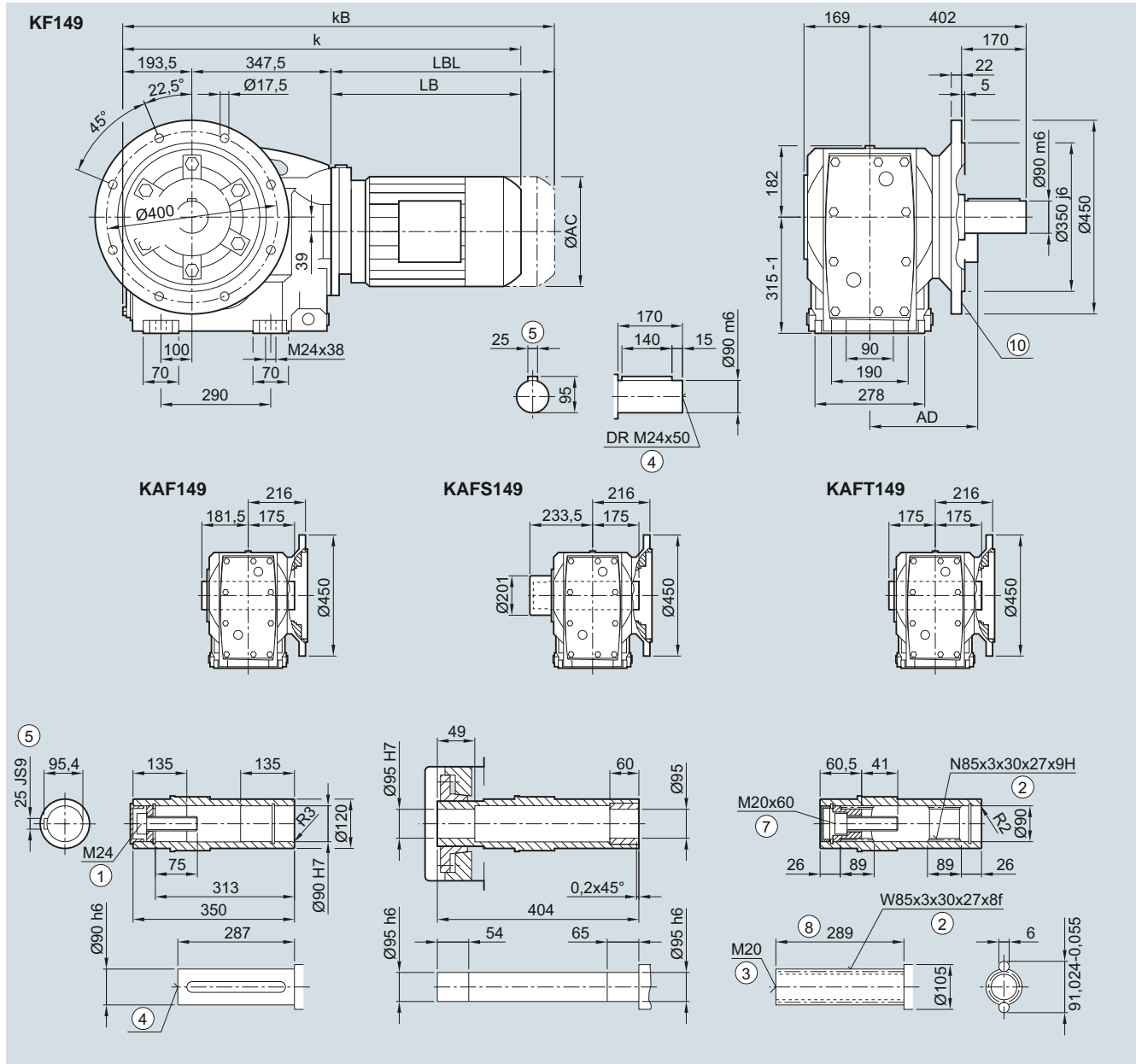
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.F.149 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



5

Motor	LE										LES						
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM	250M
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0	407.5
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1009.5	1041.5	1101.5	1114.5	1144.5	1182.5	1207.5	1234.0	1294.0	1339.5
kB	920.0	960.0	977.0	1012.0	981.5	1006.5	1064.0	1114.0	1157.5	1217.5	1243.5	1273.5	1329.5	1354.5	-	-	-
LB	309.0	349.0	357.5	392.5	367.5	392.5	418.5	468.5	500.5	560.5	573.5	603.5	641.5	666.5	693.0	753.0	798.5
LBL	379.0	419.0	436.0	471.0	440.5	465.5	523.0	573.0	616.5	676.5	702.5	732.5	788.5	813.5	-	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42. ⑩ For inner contour, see Page 5/113.

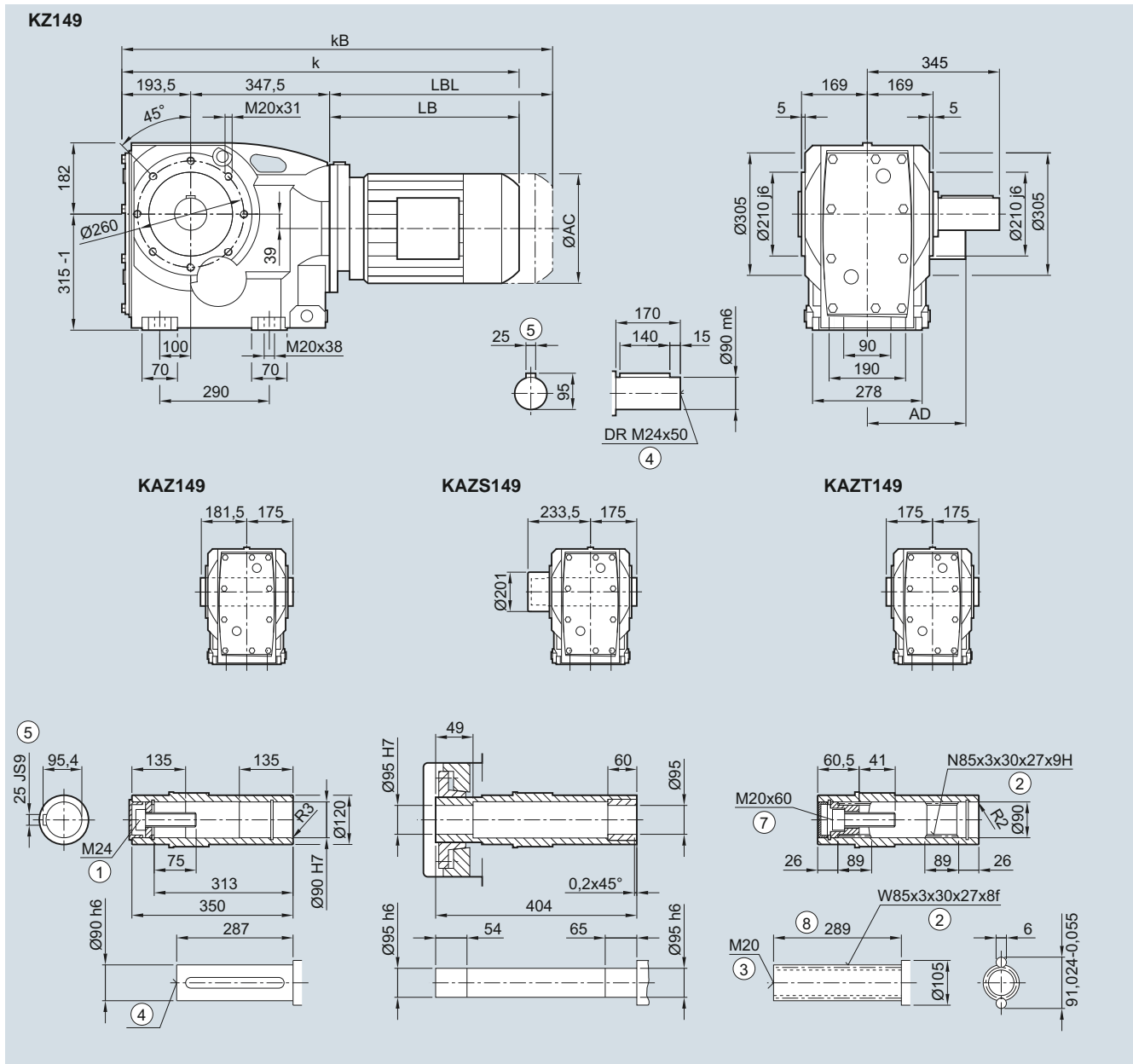
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

K.Z.149 in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

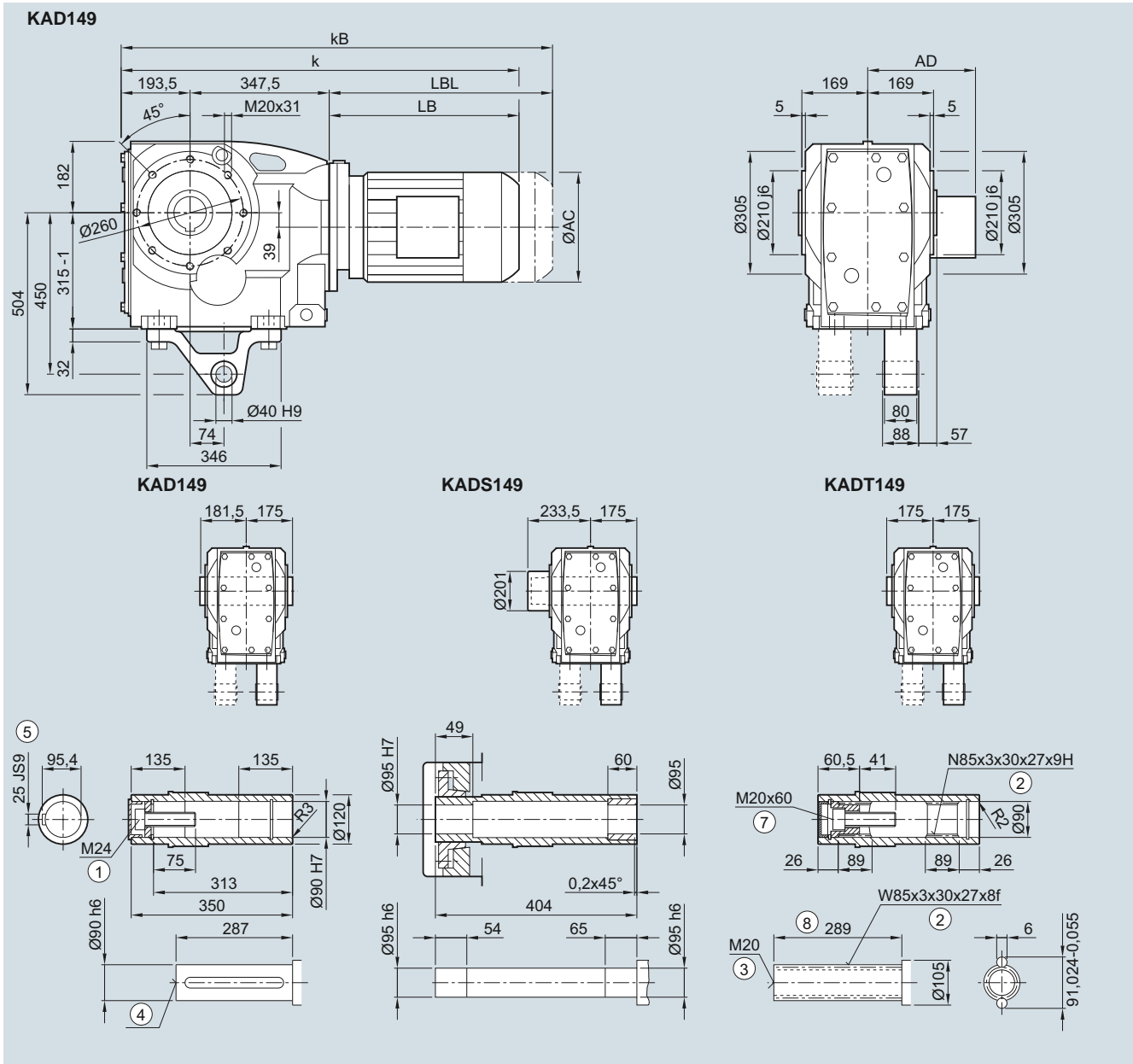


Motor	LE										LES						
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225Y/M	250M
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0	407.5
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1009.5	1041.5	1101.5	1114.5	1144.5	1182.5	1207.5	1234.0	1294.0	1339.5
kB	920.0	960.0	977.0	1012.0	981.5	1006.5	1064.0	1114.0	1157.5	1217.5	1243.5	1273.5	1329.5	1354.5	-	-	-
LB	309.0	349.0	357.5	392.5	367.5	392.5	418.5	468.5	500.5	560.5	573.5	603.5	641.5	666.5	693.0	753.0	798.5
LBL	379.0	419.0	436.0	471.0	440.5	465.5	523.0	573.0	616.5	676.5	702.5	732.5	788.5	813.5	-	-	-

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

KAD.149 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



5

Motor	LE										LES						
	90S/L	90ZL	100L	100ZL	112M	112ZM	132S/M	132ZM	160M/L	160ZL	180M/L	180ZL	200L	200ZL	225S/M	225YM	250M
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	337.0	337.0	407.5
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1009.5	1041.5	1101.5	1114.5	1144.5	1182.5	1207.5	1234.0	1294.0	1339.5
kB	920.0	960.0	977.0	1012.0	981.5	1006.5	1064.0	1114.0	1157.5	1217.5	1243.5	1273.5	1329.5	1354.5	-	-	-
LB	309.0	349.0	357.5	392.5	367.5	392.5	418.5	468.5	500.5	560.5	573.5	603.5	641.5	666.5	693.0	753.0	798.5
LBL	379.0	419.0	436.0	471.0	440.5	465.5	523.0	573.0	616.5	676.5	702.5	732.5	788.5	813.5	-	-	-

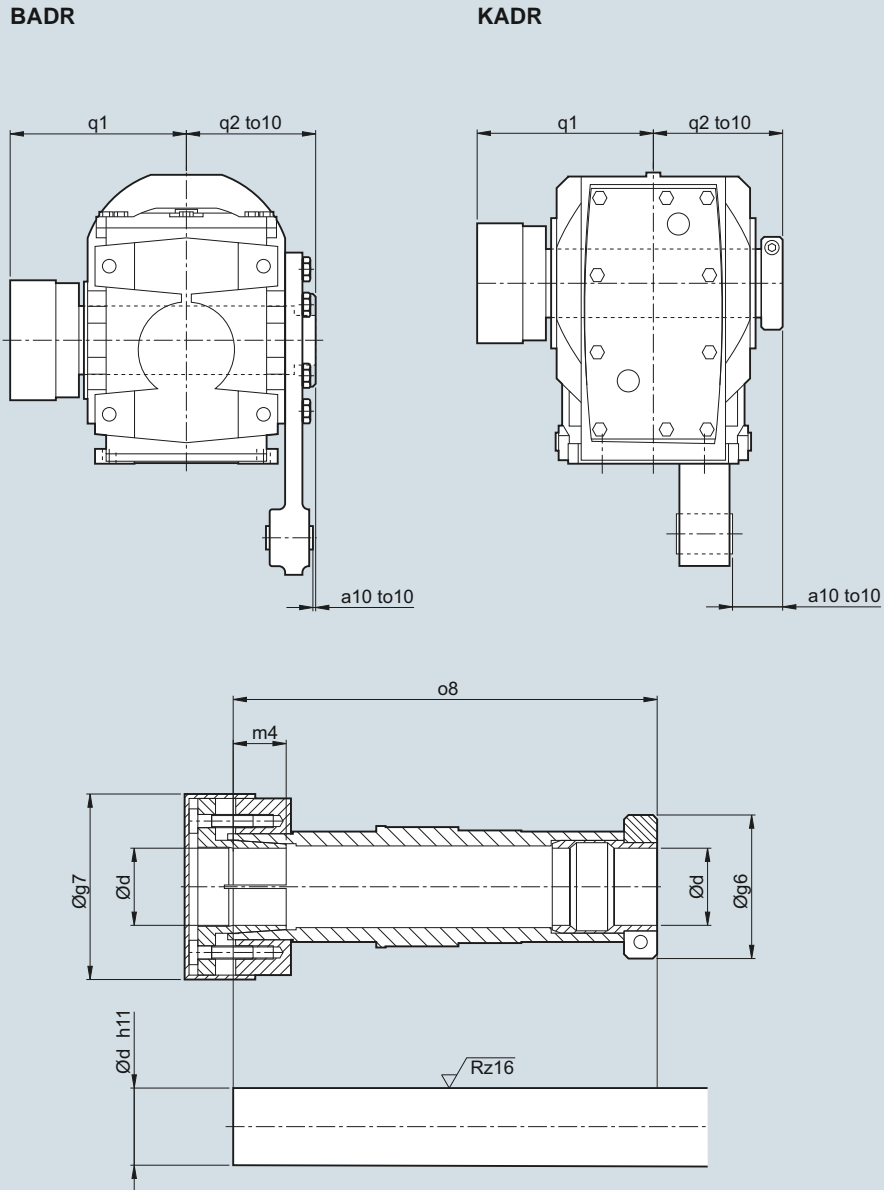
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see Page 7/42.

SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

SIMOLOC assembly system



Note mounting tolerance to10 when positioning the torque arm.

SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

SIMOLOC assembly system (continued)

d	g6	g7	m4	o8	q1	q2	a10	to10
BADR29								
20	58.5	56	18.5	151	102	75	11	+2.1
1"								+0.6
0.75"								
BADR39								
30	62.0	76	22	180.5	116	85	2.5	+2.2
25								+0.7
1.25"								
1.1875"								
1"								
BADR49								
35	65.0	84	24	210.0	134	100	-2.5	+2.6
30								+0.8
1.375"								
1.4375"								
1.25"								
1.1875"								
40	79.5	94	30	220	140	104	1.5	
1.625"								
KADR39								
30	62.0	76	22	160.5	106	75	39	+2.2
25								+0.7
1.25"								
1.1875"								
1"								
KADR49								
35	65.0	84	24	192.0	124	90	35	+2.6
30								+0.8
1.375"								
1.4375"								
1.25"								
1.1875"								
KADR69								
40	79.5	94	30	217.5	138	102	39	+2.5
35								+0.7
1.5"								
1.625"								
1.4375"								
1.375"								
KADR79								
40	79.5	94	30	232.0	150	109	46	+3.2
35								+1.4
1.5"								
1.625"								
1.4375"								
1.375"								
KADR89								
50	89.0	114	32	264.0	171	124	45	+3.4
40								+1.5
2"								
1.9375"								
1.75"								
1.625"								

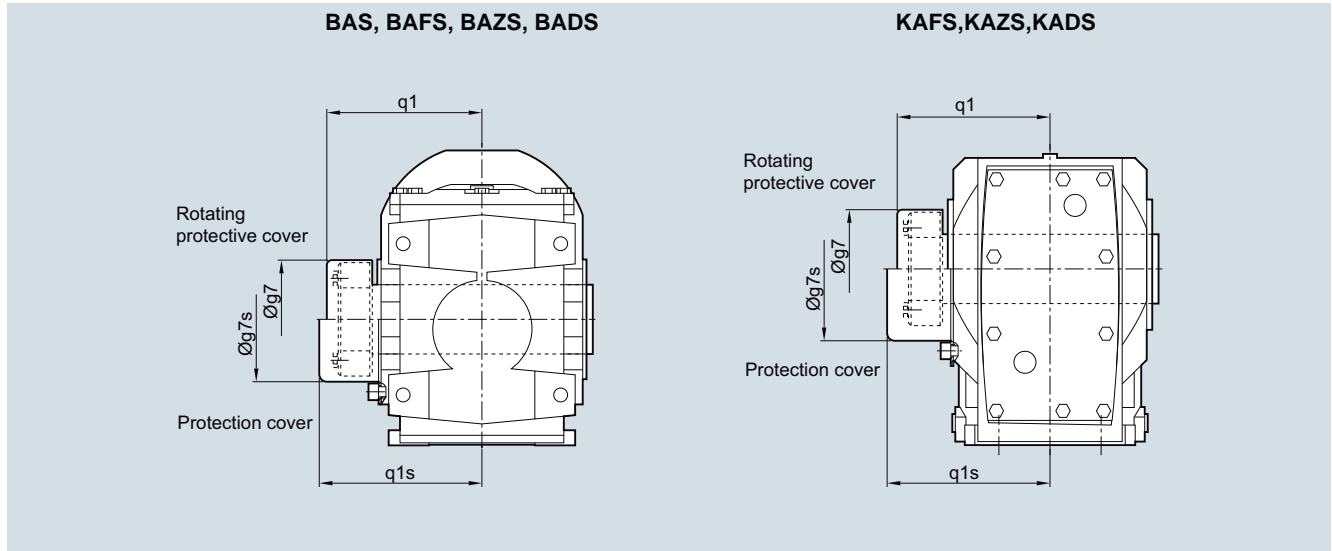
SIMOGEAR Geared Motors

Bevel geared motors

Dimensions

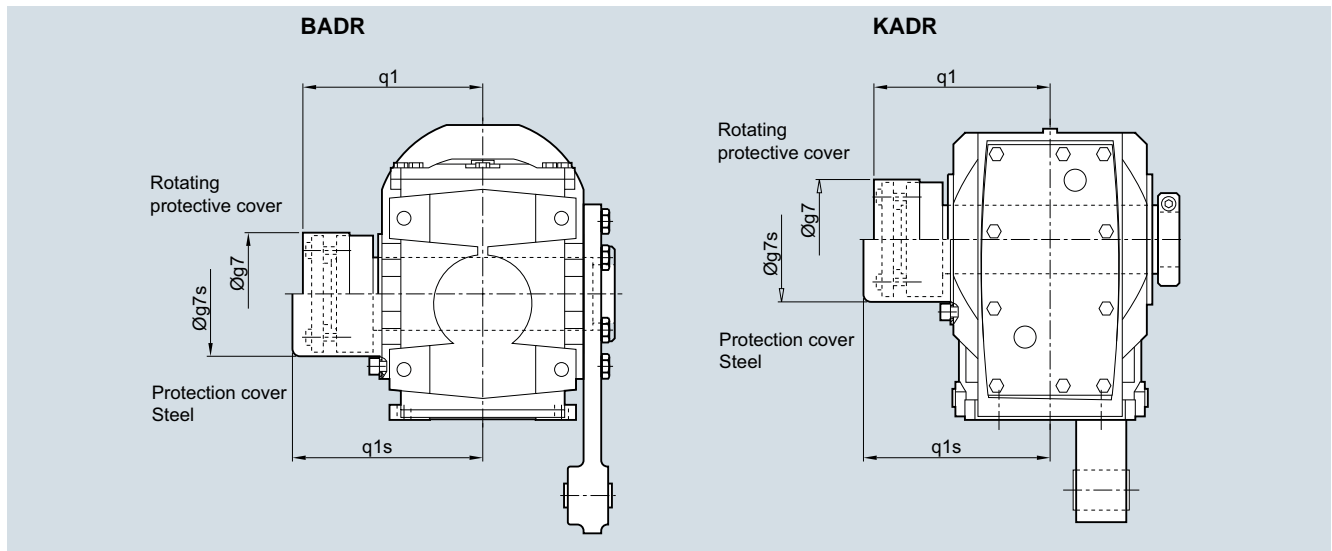
Protection cover for hollow shaft

Protection cover for hollow shaft and hollow shaft with shrink disk



Gearbox type	BA..29	BA..39	BA..49	KA..39	KA..49	KA..69	KA..79	KA..89	KA..109	KA..129	KA..149
Rotating protective cover with shrink disk version											
g7	55	84	84	76.0	84	84	94.0	119.0	142.0	159.0	201.0
q1	85	102	117	89.5	107	115	125.5	142.5	162.5	198.5	233.5
Protection cover											
g7s	58	86	86	82.5	86	99	99.0	137.0	186.8	186.8	217.0
q1s	91	119	134	109.0	122	126	132.5	176.5	195.0	225.0	243.0

Protection cover for hollow shaft with SIMOLOC assembly system



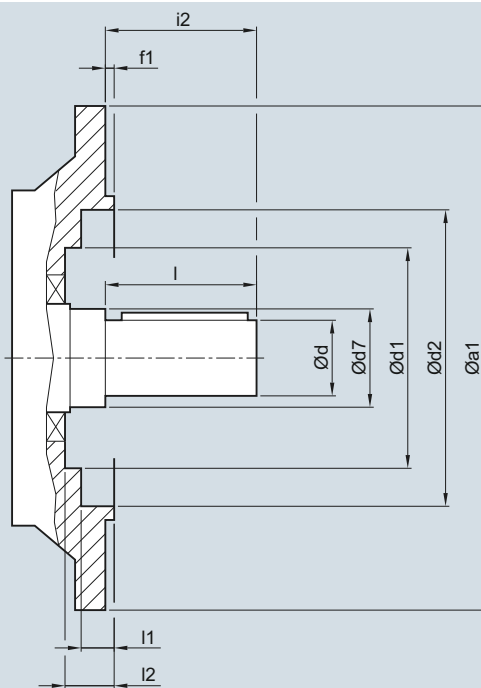
Gearbox type	BADR29	BADR39	BADR49	KADR39	KADR49	KADR69	KADR79	KADR89
Rotating protective cover								
g7	56	76	84 (94)	76	84	94	94	114
q1	102	116	134 (140)	106	124	138	150	171
Protection cover								
g7s	58	82.5	86 (99)	82.5	86	99	99	137
q1s	105	119.0	137 (143)	109	127	141	153	174

() Dimension in brackets for hollow shaft d=40 and d=1.625*

Inner contour of the flange design

Notes regarding the design of the customer's interface.

BF, KF



5

Gearbox type	a1	d	d7	d1	d2	f1	i2	l	l1	l2
BF19	120	20	30	60	68	3.0	40	40	23.5	29.5
BF29	120	20	40	-	70	3.0	40	40	24.0	-
	160	20	40	70	101	3.5	40	40	8.5	24.5
BF39	160	30	55	93	100	3.5	60	60	11.0	31.5
	200	30	55	93	119	3.5	60	60	16.0	31.5
BF49	200	35	55	93	119	3.5	70	70	16.0	31.5
KF39	160	25	30	-	100	3.5	50	50	5.0	-
KF49	200	30	35	-	118	3.5	60	60	5.5	-
KF69	250	35	45	-	165	4.0	70	70	6.5	-
KF79	250	40	55	-	165	4.0	80	80	6.5	-
KF89	300	50	55	-	165	4.0	100	100	8.0	-
KF109	350	60	65	-	235	5.0	120	120	9.0	-
KF129	450	70	75	-	336	5.0	140	140	9.0	-
KF149	450	90	100	-	336	5.0	170	170	10.0	-

SIMOGEAR Geared Motors

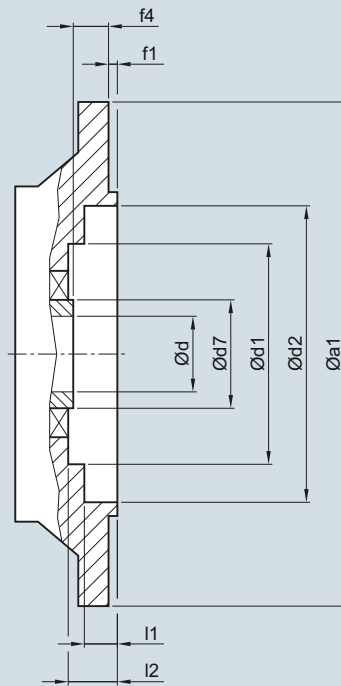
Bevel geared motors

Dimensions

Inner contour of the flange design (continued)

Notes regarding the design of the customer's interface, e.g. plug-in shaft for hollow shaft design

BAF., KAF.



5

Gearbox type	a1	d	d7	d1	d2	f1	f4	l1	l2
BAF.19	120	20	30	60	68	3.0	30.0	23.5	29.5
BAF.29	120	20/	40	-	70	3.0	20.0	24.0	-
		25							
BAF.39	160	20	40	70	101	3.5	20.0	8.5	24.5
		25							
		30							
BAF.39	160	30	55	93	100	3.5	27.0	11.0	31.5
		35							
		40							
BAF.39	200	30	55	93	119	3.5	27.0	16.0	31.5
		35							
		40							
BAF.49	200	35	55	93	119	3.5	27.0	16.0	31.5
		40							
KAF.39	160	30	45	80	102	3.5	24.0	2.0	29.5
KAF.49	200	35	50	90	120	3.5	25.0	4.0	30.5
KAF.69	250	40	55	104	165	4.0	23.5	2.0	29.5
KAF.79	250	40	55	104	165	4.0	23.0	2.0	29.5
KAF.89	300	50	70	135	215	4.0	37.0	2.0	44.5
KAF.109	350	60	85	184	210	5.0	36.0	13.0	45.0
KAF.129	450	70	95	184	336	5.0	41.5	16.5	48.5
KAF.149	450	90	120	214	219	5.0	41.0	40.0	50.0

Second rating plate, supplied loose

For all gearboxes and geared motors, an additional rating plate can be supplied loose.

Order code:

Second rating plate, supplied loose

K41

Second rating plate, attached

When requested, a second rating plate can be attached to the motor.

Order code:

Second rating plate, attached

K68



Fig. 11/2 Example, rating plate on the motor

General options

Documentation

Operating instructions

The geared motors are shipped with a set of operating instructions in German/English and a Manual Collection on CD for each delivery batch.

The operating instructions include the following documents:

- Replacement part drawings and lists
- Declaration of incorporation of partly completed machinery according to the EC Machinery Directive 2006/42/EC (gearboxes)
- EC Declaration of Conformity according to Directive 2006/95/EC (motors)

The Manual Collection contains all of the operating instructions in Czech, Dutch, English, French, German, Italian, Russian, Spanish, and Swedish.

Documentation provided with the product	Language	Order code
1 set of operating instructions and 1 Manual Collection (CD) for each geared motor	German	W21
	English	W22

Test certificates

On request, the following documents are available by e-mail:

Additional documentation	The following is checked:	Order code
Declaration of compliance with the order EN 10204-2.1 and factory test report EN 10204-2.2 for the geared motor	-	On request
Factory test report EN 10204-2.2 for material	-	On request
Acceptance test certificate EN 10204-3.1 for the motor	<ul style="list-style-type: none"> • 3 no-load currents of the 3 phases • Power loss for no-load operation • No-load speed 	W10
Acceptance test certificate EN 10204-3.1 for gearboxes	<ul style="list-style-type: none"> • Output shaft diameter • Concentricity of the output shaft • Concentricity of the input shaft (for gearboxes with input unit A only) • Input shaft diameter (for gearboxes with input unit A only) • Noise (subjective evaluation) 	W11
Acceptance test certificate EN 10204-3.1 for paint finish	-	W12

Prepared for encoder mounting

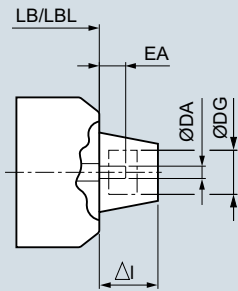


Fig. 1

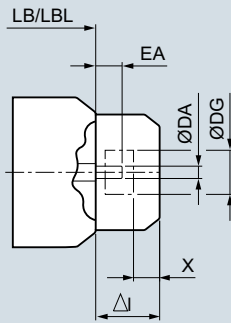


Fig. 2

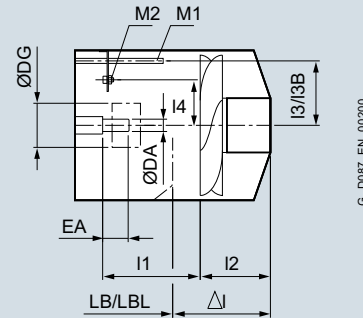


Fig. 3

G_D087_EN_00200

Relevant diagram	1				2			3									
Motor	Encoder prepared				Encoder prepared under cover			Encoder prepared + external fan + with / without brake									
	DA	EA	DG	ΔI	ΔI	X	ΔI	I1	I2	I3	Brake	I1B	I3B	I4	M1	M2	
LA63M	12	25	Max. 60	70	75	Min. 10	-	-	-	-	-	-	-	-	-	-	
LA71M		30					229.5	134.5	95	59.0	L4, L8	115.0	59.0	37	M5x120	2xM4	
LE80M		25					213.0	121.2	95	56.0	L4, L8	95.5	67.0		M6x130		
LE80ZM											L16	95.5	56.0				
											L4, L8	95.5	67.0				
											L16	95.5	56.0				
LE90S/L							213.0	109.4	105	66.0	L8, L16	93.5	75.0				
											L32	93.5	66.0				
LE90ZL											L8, L16	93.5	75.0				
											L32	93.5	66.0				
LE100L					-	-	218.5	115.3	105	66.0	L16, L32	97.0	85.0				
											L60	97.0	72.5		M8x160		
LE100ZL											L16, L32	97.0	85.0		M6x130		
											L60	97.0	72.5		M8x160		
LE112M							206.0	115.5	105	72.5	L32, L60	93.5	95.0				
LE112ZM																	
LE132S/M							258.5	132.0	127	98.0	L80	97.5	116.0				
											L150	97.5	98.0				
LE132ZM											L80	97.5	116.0				
											L150	97.5	98.0				
LE160M/L							285.0	147.0	152	115.0	L150, L260	93.0	141.0		M8x170		
LE160ZL											L150, L260	93.0	141.0				
LES180M/L							On request										
LES180ZL																	
LES200M/L																	
LES200ZL																	

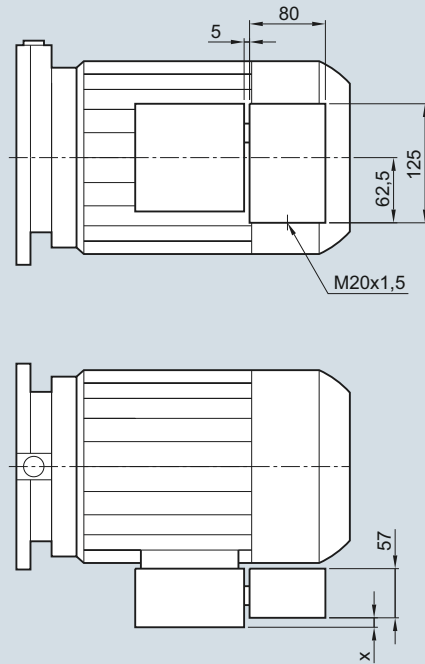


SIMOGEAR Geared Motors

Motors

Dimensions

Application terminal box



Motor	x
LA63	5.0 (17)
LA71	5.0 (17)
LE80	5.5
LE90	5.5
LE100	9.0
LE112	9.0
LE132	14.5
LE160	22.0
LES180	41.5
LES200	41.5

() Dimensions in brackets for terminal box with 9 terminals (YY/Y connection)

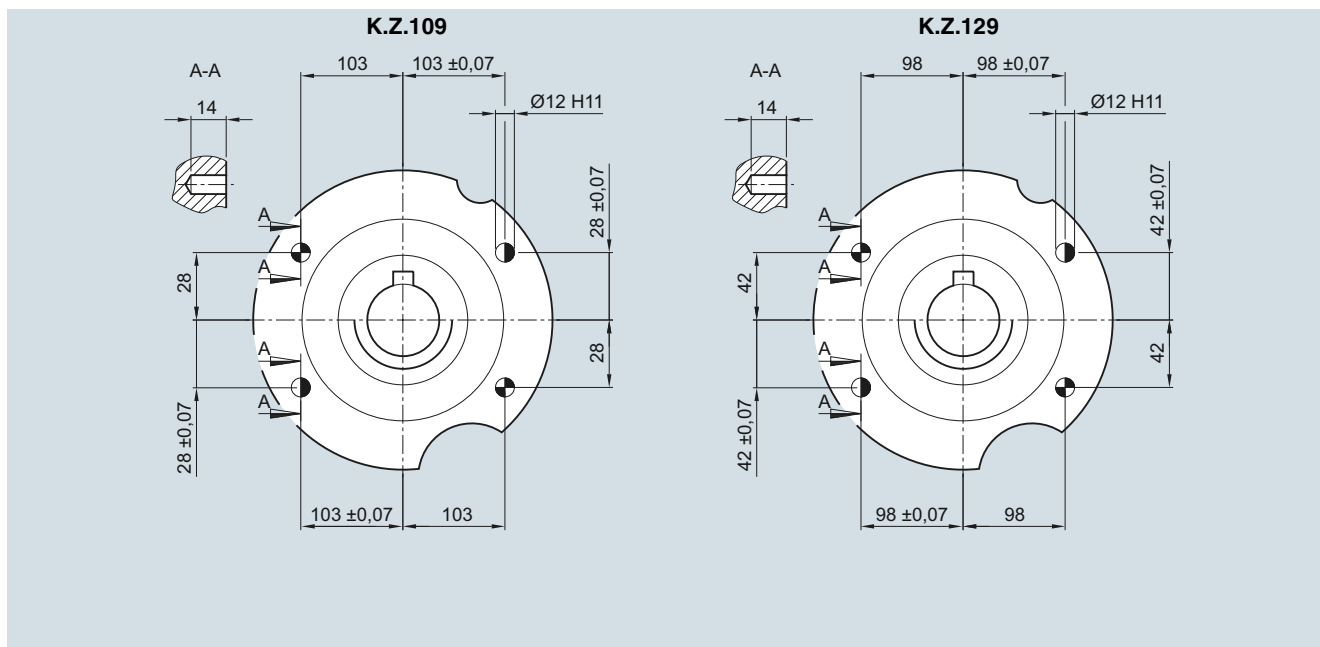
Pin holes

In the case of gearboxes K.Z. 109 and K.Z. 129, the customer's interface can be pinned on the housing flange (C type).

The output flanges have been designed to ensure the reliable transmission of the permissible torques and radial forces by the bolt connections.

If additional fastening is required, in the case of high shock loads, for example, the existing drilled pin holes can be used.

The gearboxes can also be drilled and pinned together with the machine. The listed dimensions must be complied with.



- Spring pins, heavy-duty design, to DIN 1481: Use pin holes provided in the housing flange.
- Grooved cylindrical pins with chamfer to DIN EN 28740 / ISO 8740: Drill connecting component together with housing.

SIMOGEAR Geared Motors

Notes

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