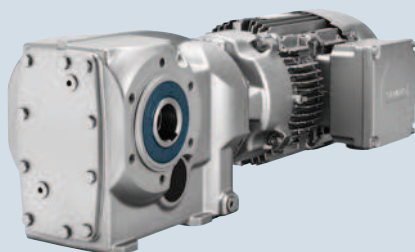


Bevel geared motors



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SIMOGEAR geared motors

Bevel geared motors

Orientation

SIMOGEAR bevel geared motor B

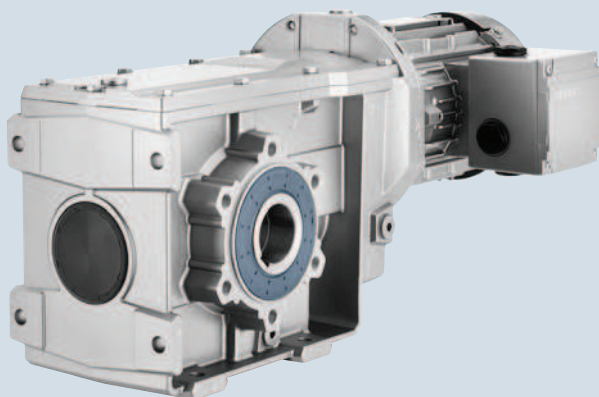


Fig. 5/1 Bevel geared motor B

Gearbox designation	Number of frame sizes	Maximum output torque	Transmission ratio	Maximum motor power
		T_{2N} Nm	i -	P_1 kW
B19 ... B49 (2-stage)	4	50... 450	3.5 ... 59	7.5

SIMOGEAR bevel geared motor K

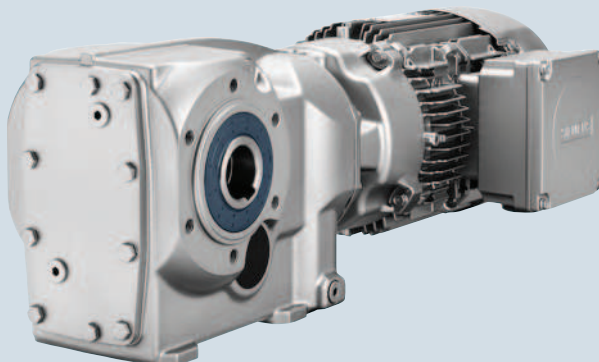


Fig. 5/2 Bevel geared motor K

Gearbox designation	Number of frame sizes	Maximum output torque	Transmission ratio	Maximum motor power
		T_{2N} Nm	i -	P_1 kW
K39 ... K189 (3-stage)	10	150 ... 19 500	5.7 ... 237	55
K.39-D/Z19 ... K189-DZ69 (5-stage and 6-stage)	10	220 ... 19 500	170 ... 14 900	7.5

SIMOGEAR bevel geared motors are available in the following versions:

Transmission stages

- 2-stage or 3-stage bevel geared motors
- 5-stage or 6-stage bevel geared motors for very low output speeds

Versions

- Shaft-mounted design
- Flange-mounted design with or without VLplus reinforced bearing systems
- Design with integrated housing flange
- Foot-mounted design

Mounting

- Hollow shaft design with feather key
- Hollow shaft design with splined shaft
- Hollow shaft design with shrink disk
- Hollow shaft design with SIMOLOC assembly system
- Solid shaft design with and without feather key

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	8.15	1 910	9.4	8	2KJ3500 - ■ BB11 - ■ ■ J1	
	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	6.45	1 910	9.8	8	2KJ3500 - ■ BB11 - ■ ■ 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
0.09	B.19-LA63MD4							
	250	3.4	5.61	1 910	11	8	2KJ3500 - ■ BB11 - ■ ■ E1	
	287	3	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.39-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	
	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	

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-LA63ME4							
	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	
	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	

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
0.18	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	
	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	

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
0.18	B.19-LA63MF4							
	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
	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	

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.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	
	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	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	

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.19-LA71MG4							
	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.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-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	
	6.1	515	225.26	7 080	0.82	27	2KJ3522 - ■ CE11 - ■ ■ B1	
	6.5	485	212.01	7 310	0.87	27	2KJ3522 - ■ CE11 - ■ ■ A1	
	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	
	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	
	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	38.48	6 530	2.2	17	2KJ3504 - ■ CE11 - ■ ■ 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
0.37	K.39-LA71MH4							
	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-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-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	
	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	

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							
	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-LA71ZML4							
	5.9	885	231.80	18 100	1.8	58	2KJ3510 - ■ CH11 - ■ ■ K2	
	6.5	805	210.72	18 100	2.0	58	2KJ3510 - ■ CH11 - ■ ■ J2	
	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-LA71ZML4							
	5.6	935	244.25	13 700	0.88	37	2KJ3508 - ■ CH11 - ■ ■ J2	
	6.2	850	222.05	13 900	0.96	37	2KJ3508 - ■ CH11 - ■ ■ H2	
	7.3	720	188.85	14 100	1.1	37	2KJ3508 - ■ CH11 - ■ ■ G2	
	8.0	655	171.69	14 300	1.2	37	2KJ3508 - ■ CH11 - ■ ■ F2	
	8.9	585	153.18	14 400	1.4	37	2KJ3508 - ■ CH11 - ■ ■ E2	
	10	525	137.35	14 400	1.6	37	2KJ3508 - ■ CH11 - ■ ■ D2	
	11	475	123.80	14 400	1.7	37	2KJ3508 - ■ CH11 - ■ ■ C2	
	12	435	114.28	14 400	1.9	37	2KJ3508 - ■ CH11 - ■ ■ B2	
	13	400	104.32	14 400	2.1	37	2KJ3508 - ■ CH11 - ■ ■ A2	
	K.79-LE80MB4							
	5.9	890	244.25	13 800	0.92	39	2KJ3508 - ■ DB21 - ■ ■ J2	
	6.5	810	222.05	13 900	1.0	39	2KJ3508 - ■ DB21 - ■ ■ H2	
	7.6	685	188.85	14 200	1.2	39	2KJ3508 - ■ DB21 - ■ ■ G2	
	8.4	625	171.69	14 300	1.3	39	2KJ3508 - ■ DB21 - ■ ■ F2	
	9.4	555	153.18	14 400	1.5	39	2KJ3508 - ■ DB21 - ■ ■ E2	
	10	500	137.35	14 400	1.6	39	2KJ3508 - ■ DB21 - ■ ■ D2	
	12	450	123.80	14 400	1.8	39	2KJ3508 - ■ DB21 - ■ ■ C2	
	13	415	114.28	14 400	2.0	39	2KJ3508 - ■ DB21 - ■ ■ B2	
	14	380	104.32	14 400	2.2	39	2KJ3508 - ■ DB21 - ■ ■ A2	
	K.69-LA71ZML4							
	7.0	750	196.59	9 880	0.80	32	2KJ3507 - ■ CH11 - ■ ■ H2	
	7.7	685	178.72	10 300	0.88	32	2KJ3507 - ■ CH11 - ■ ■ G2	
	9.0	580	152.00	10 900	1.0	32	2KJ3507 - ■ CH11 - ■ ■ F2	
	9.9	530	138.18	11 000	1.1	32	2KJ3507 - ■ CH11 - ■ ■ E2	
	11	470	123.29	11 100	1.3	32	2KJ3507 - ■ CH11 - ■ ■ D2	
	12	420	110.55	11 200	1.4	32	2KJ3507 - ■ CH11 - ■ ■ C2	
	14	380	99.64	11 300	1.6	32	2KJ3507 - ■ CH11 - ■ ■ B2	
	15	350	91.98	11 400	1.7	32	2KJ3507 - ■ CH11 - ■ ■ A2	
	16	320	83.96	11 500	1.9	32	2KJ3507 - ■ CH11 - ■ ■ X1	
	20	265	69.67	11 600	2.2	32	2KJ3507 - ■ CH11 - ■ ■ W1	
	21	250	65.57	11 600	2.4	32	2KJ3507 - ■ CH11 - ■ ■ V1	
	K.69-LE80MB4							
	7.3	715	196.59	10 100	0.84	34	2KJ3507 - ■ DB21 - ■ ■ H2	
	8.1	650	178.72	10 500	0.92	34	2KJ3507 - ■ DB21 - ■ ■ G2	
	9.5	550	152.00	10 900	1.1	34	2KJ3507 - ■ DB21 - ■ ■ F2	
	10	500	138.18	11 000	1.2	34	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	34	2KJ3507 - ■ DB21 - ■ ■ D2	
	13	400	110.55	11 300	1.5	34	2KJ3507 - ■ DB21 - ■ ■ C2	
	14	360	99.64	11 400	1.7	34	2KJ3507 - ■ DB21 - ■ ■ B2	
	16	335	91.98	11 400	1.8	34	2KJ3507 - ■ DB21 - ■ ■ A2	
	17	305	83.96	11 500	2	34	2KJ3507 - ■ DB21 - ■ ■ X1	
	21	250	69.67	11 600	2.4	34	2KJ3507 - ■ DB21 - ■ ■ W1	
	K.49-LA71ZML4							
	11	465	121.60	7 470	0.90	25	2KJ3505 - ■ CH11 - ■ ■ E2	
	12	420	110.55	7 820	0.99	25	2KJ3505 - ■ CH11 - ■ ■ D2	
	14	375	97.71	8 170	1.1	25	2KJ3505 - ■ CH11 - ■ ■ C2	
	15	340	88.83	8 200	1.2	25	2KJ3505 - ■ CH11 - ■ ■ B2	
	18	295	77.81	8 080	1.4	25	2KJ3505 - ■ CH11 - ■ ■ A2	
	19	275	71.82	7 960	1.5	25	2KJ3505 - ■ CH11 - ■ ■ X1	
	22	240	63.59	7 840	1.7	25	2KJ3505 - ■ CH11 - ■ ■ W1	
	26	200	52.93	7 570	2.1	25	2KJ3505 - ■ CH11 - ■ ■ V1	
	27	191	49.82	7 460	2.2	25	2KJ3505 - ■ CH11 - ■ ■ U1	
	31	171	44.63	7 290	2.5	25	2KJ3505 - ■ CH11 - ■ ■ T1	
	K.49-LE80MB4							
	10	515	142.13	7 080	0.81	27	2KJ3505 - ■ DB21 - ■ ■ F2	
	12	440	121.60	7 670	0.95	27	2KJ3505 - ■ DB21 - ■ ■ E2	
	13	400	110.55	7 980	1.0	27	2KJ3505 - ■ DB21 - ■ ■ D2	
	15	355	97.71	8 250	1.2	27	2KJ3505 - ■ DB21 - ■ ■ C2	
	16	320	88.83	8 180	1.3	27	2KJ3505 - ■ DB21 - ■ ■ B2	
	19	280	77.81	8 030	1.5	27	2KJ3505 - ■ DB21 - ■ ■ A2	
	20	260	71.82	7 910	1.6	27	2KJ3505 - ■ DB21 - ■ ■ X1	
	23	230	63.59	7 750	1.8	27	2KJ3505 - ■ DB21 - ■ ■ W1	
	27	193	52.93	7 470	2.2	27	2KJ3505 - ■ DB21 - ■ ■ V1	
	29	182	49.82	7 380	2.3	27	2KJ3505 - ■ DB21 - ■ ■ U1	
	B.49-LE80MB4							
	24	215	59.28	11 100	2.1	25	2KJ3503 - ■ DB21 - ■ ■ C2	
	27	197	53.89	10 800	2.3	25	2KJ3503 - ■ DB21 - ■ ■ B2	
	B.49-LA71ZML4							
	23	225	59.28	11 200	2.0	23	2KJ3503 - ■ CH11 - ■ ■ C2	
	25	205	53.89	10 900	2.2	23	2KJ3503 - ■ CH11 - ■ ■ B2	
	K.39-LE80MB4							
	19	270	75.24	5 890	0.80	20	2KJ3504 - ■ DB21 - ■ ■ C2	
	21	245	67.16	5 980	0.90	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	38.48	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	

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.39-LE80MB4							
	65	81	22.12	5 550	2.7	20	2KJ3504 - ■ DB21 - ■ ■ N1	
	74	71	19.37	5 360	3.1	20	2KJ3504 - ■ DB21 - ■ ■ M1	
	K.39-LA71ZML4							
	20	255	67.16	5 950	0.85	17	2KJ3504 - ■ CH11 - ■ ■ B2	
	23	225	59.85	6 060	0.96	17	2KJ3504 - ■ CH11 - ■ ■ A2	
	25	210	55.25	6 110	1.0	17	2KJ3504 - ■ CH11 - ■ ■ X1	
	28	185	48.37	6 210	1.2	17	2KJ3504 - ■ CH11 - ■ ■ W1	
	32	163	42.41	6 290	1.4	17	2KJ3504 - ■ CH11 - ■ ■ V1	
	36	148	38.48	6 340	1.5	17	2KJ3504 - ■ CH11 - ■ ■ U1	
	38	139	36.21	6 270	1.6	17	2KJ3504 - ■ CH11 - ■ ■ T1	
	43	122	31.92	6 110	1.8	17	2KJ3504 - ■ CH11 - ■ ■ S1	
	49	106	27.70	5 920	2.1	17	2KJ3504 - ■ CH11 - ■ ■ R1	
	51	103	26.89	5 880	2.1	17	2KJ3504 - ■ CH11 - ■ ■ Q1	
	57	92	23.97	5 720	2.4	17	2KJ3504 - ■ CH11 - ■ ■ P1	
	62	85	22.12	5 610	2.6	17	2KJ3504 - ■ CH11 - ■ ■ N1	
	71	74	19.37	5 440	3.0	17	2KJ3504 - ■ CH11 - ■ ■ M1	
	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.39-LA71ZML4							
	24	215	56.36	6 980	1.2	17	2KJ3502 - ■ CH11 - ■ ■ A2	
	27	192	50.11	6 980	1.1	17	2KJ3502 - ■ CH11 - ■ ■ X1	
	31	169	44.00	6 980	1.5	17	2KJ3502 - ■ CH11 - ■ ■ W1	
	34	153	40.00	6 980	1.5	17	2KJ3502 - ■ CH11 - ■ ■ V1	
	40	131	34.22	6 980	1.9	17	2KJ3502 - ■ CH11 - ■ ■ U1	
	44	119	31.11	6 980	2.1	17	2KJ3502 - ■ CH11 - ■ ■ T1	
	50	105	27.50	6 980	2.4	17	2KJ3502 - ■ CH11 - ■ ■ S1	
	55	96	25.00	6 980	2.6	17	2KJ3502 - ■ CH11 - ■ ■ R1	
	63	84	21.90	6 980	3.0	17	2KJ3502 - ■ CH11 - ■ ■ 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	

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.29-LE80MB4							
	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.29-LA71ZML4							
	38	138	36.06	3 990	0.80	12	2KJ3501 - ■ CH11 - ■ ■ X1	
	42	126	32.78	4 050	0.88	12	2KJ3501 - ■ CH11 - ■ ■ W1	
	49	108	28.11	4 150	1.0	12	2KJ3501 - ■ CH11 - ■ ■ V1	
	54	98	25.56	4 200	1.1	12	2KJ3501 - ■ CH11 - ■ ■ U1	
	61	86	22.41	4 200	1.3	12	2KJ3501 - ■ CH11 - ■ ■ T1	
	68	77	20.00	4 200	1.4	12	2KJ3501 - ■ CH11 - ■ ■ S1	
	77	68	17.82	4 200	1.6	12	2KJ3501 - ■ CH11 - ■ ■ R1	
	83	63	16.45	4 200	1.7	12	2KJ3501 - ■ CH11 - ■ ■ Q1	
	95	55	14.40	4 200	2	12	2KJ3501 - ■ CH11 - ■ ■ P1	
	108	48	12.63	4 200	2.3	12	2KJ3501 - ■ CH11 - ■ ■ N1	
	120	44	11.46	4 200	2.5	12	2KJ3501 - ■ CH11 - ■ ■ M1	
	127	41	10.78	4 200	2.7	12	2KJ3501 - ■ CH11 - ■ ■ L1	
	144	36	9.51	4 140	3.0	12	2KJ3501 - ■ CH11 - ■ ■ K1	
	166	32	8.25	3 970	3.5	12	2KJ3501 - ■ CH11 - ■ ■ J1	
	175	30	7.84	3 890	2.5	12	2KJ3501 - ■ CH11 - ■ ■ H1	
	186	28	7.38	3 820	2.7	12	2KJ3501 - ■ CH11 - ■ ■ G1	
	210	25	6.51	3 690	3.0	12	2KJ3501 - ■ CH11 - ■ ■ F1	
	242	22	5.65	3 530	3.5	12	2KJ3501 - ■ CH11 - ■ ■ E1	
	270	19	5.07	3 460	3.8	12	2KJ3501 - ■ CH11 - ■ ■ D1	
	287	18	4.78	3 400	4.0	12	2KJ3501 - ■ CH11 - ■ ■ C1	
	325	16	4.21	3 270	4.6	12	2KJ3501 - ■ CH11 - ■ ■ B1	
	375	14	3.65	3 130	5.2	12	2KJ3501 - ■ CH11 - ■ ■ A1	
	B.19-LA71ZML4							
	87	60	15.79	1 910	0.83	10	2KJ3500 - ■ CH11 - ■ ■ Q1	
	94	56	14.57	1 910	0.90	10	2KJ3500 - ■ CH11 - ■ ■ P1	
	108	48	12.66	1 910	1.0	10	2KJ3500 - ■ CH11 - ■ ■ N1	
	125	42	11.00	1 910	1.2	10	2KJ3500 - ■ CH11 - ■ ■ M1	
	138	38	9.93	1 910	1.3	10	2KJ3500 - ■ CH11 - ■ ■ L1	
	147	36	9.35	1 910	1.4	10	2KJ3500 - ■ CH11 - ■ ■ K1	
	168	31	8.15	1 910	1.5	10	2KJ3500 - ■ CH11 - ■ ■ J1	
	174	30	7.87	1 910	1.3	10	2KJ3500 - ■ CH11 - ■ ■ H1	
	196	27	6.99	1 910	1.4	10	2KJ3500 - ■ CH11 - ■ ■ G1	
	212	25	6.45	1 910	1.6	10	2KJ3500 - ■ CH11 - ■ ■ F1	
	244	22	5.61	1 910	1.7	10	2KJ3500 - ■ CH11 - ■ ■ E1	
	281	19	4.87	1 910	1.9	10	2KJ3500 - ■ CH11 - ■ ■ D1	
	311	17	4.40	1 910	2.0	10	2KJ3500 - ■ CH11 - ■ ■ 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
0.55	B.19-LA71ZML4							
	331	16	4.14	1 910	2.1	10	2KJ3500 - ■ CH11 - ■ ■ B1	
	380	14	3.61	1 910	2.2	10	2KJ3500 - ■ CH11 - ■ ■ A1	
	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	
	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-LE90SQ6P							
	4.3	1 670	216.65	24 500	1.7	101	2KJ3511 - ■ EC23 - ■ ■ H2	P01
	4.7	1 510	195.60	24 500	1.9	101	2KJ3511 - ■ EC23 - ■ ■ G2	P01
	5.2	1 370	177.43	24 500	2.1	101	2KJ3511 - ■ EC23 - ■ ■ F2	P01
	K.89-LE90SQ6P							
	4.0	1 790	231.80	18 100	0.89	64	2KJ3510 - ■ EC23 - ■ ■ K2	P01
	4.4	1 630	210.72	18 100	0.98	64	2KJ3510 - ■ EC23 - ■ ■ J2	P01
	4.9	1 460	189.01	18 100	1.1	64	2KJ3510 - ■ EC23 - ■ ■ H2	P01
	5.4	1 310	169.94	18 100	1.2	64	2KJ3510 - ■ EC23 - ■ ■ G2	P01
	K.89-LE80ZMQ4P							
	6.3	1 140	231.80	18 100	1.4	62	2KJ3510 - ■ DF23 - ■ ■ K2	
	6.9	1 040	210.72	18 100	1.5	62	2KJ3510 - ■ DF23 - ■ ■ J2	
	7.7	930	189.01	18 100	1.7	62	2KJ3510 - ■ DF23 - ■ ■ H2	
	8.5	835	169.94	18 100	1.9	62	2KJ3510 - ■ DF23 - ■ ■ G2	
	9.4	755	153.70	18 100	2.1	62	2KJ3510 - ■ DF23 - ■ ■ F2	
	K.79-LE80ZMQ4P							
	7.7	930	188.85	13 700	0.88	41	2KJ3508 - ■ DF23 - ■ ■ G2	
	8.4	845	171.69	13 900	0.97	41	2KJ3508 - ■ DF23 - ■ ■ F2	
	9.5	755	153.18	14 100	1.1	41	2KJ3508 - ■ DF23 - ■ ■ E2	
	11	675	137.35	14 200	1.2	41	2KJ3508 - ■ DF23 - ■ ■ D2	
	12	610	123.80	14 300	1.3	41	2KJ3508 - ■ DF23 - ■ ■ C2	
	13	565	114.28	14 400	1.5	41	2KJ3508 - ■ DF23 - ■ ■ B2	
	14	515	104.32	14 400	1.6	41	2KJ3508 - ■ DF23 - ■ ■ A2	
	17	425	86.56	14 400	1.9	41	2KJ3508 - ■ DF23 - ■ ■ X1	
	18	400	81.47	14 400	2.0	41	2KJ3508 - ■ DF23 - ■ ■ W1	
	19	380	76.94	14 400	2.2	41	2KJ3508 - ■ DF23 - ■ ■ V1	
	K.69-LE80ZMQ4P							
	9.5	750	152.00	9 880	0.80	36	2KJ3507 - ■ DF23 - ■ ■ F2	
	10	680	138.18	10 300	0.88	36	2KJ3507 - ■ DF23 - ■ ■ E2	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

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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.69-LE80ZMQ4P							
	12	605	123.29	10 800	0.99	36	2KJ3507 - ■ DF23 - ■ ■ D2	
	13	545	110.55	10 900	1.1	36	2KJ3507 - ■ DF23 - ■ ■ C2	
	15	490	99.64	11 100	1.2	36	2KJ3507 - ■ DF23 - ■ ■ B2	
	16	450	91.98	11 200	1.3	36	2KJ3507 - ■ DF23 - ■ ■ A2	
	17	415	83.96	11 200	1.4	36	2KJ3507 - ■ DF23 - ■ ■ X1	
	21	340	69.67	11 100	1.7	36	2KJ3507 - ■ DF23 - ■ ■ W1	
	K.69-LE80ZMQ4P							
	22	320	65.57	11 000	1.9	36	2KJ3507 - ■ DF23 - ■ ■ V1	
	23	305	61.93	10 800	2.0	36	2KJ3507 - ■ DF23 - ■ ■ U1	
	28	260	52.69	10 500	2.3	36	2KJ3507 - ■ DF23 - ■ ■ T1	
	K.49-LE80ZMQ4P							
	15	480	97.71	7 250	0.87	29	2KJ3505 - ■ DF23 - ■ ■ C2	
	16	435	88.83	7 260	0.96	29	2KJ3505 - ■ DF23 - ■ ■ B2	
	19	380	77.81	7 230	1.1	29	2KJ3505 - ■ DF23 - ■ ■ A2	
	20	355	71.82	7 150	1.2	29	2KJ3505 - ■ DF23 - ■ ■ X1	
	23	310	63.59	7 110	1.3	29	2KJ3505 - ■ DF23 - ■ ■ W1	
	27	260	52.93	6 930	1.6	29	2KJ3505 - ■ DF23 - ■ ■ V1	
	29	245	49.82	6 870	1.7	29	2KJ3505 - ■ DF23 - ■ ■ U1	
	32	220	44.63	6 750	1.9	29	2KJ3505 - ■ DF23 - ■ ■ T1	
	38	188	38.00	6 560	2.2	29	2KJ3505 - ■ DF23 - ■ ■ S1	
	45	161	32.57	6 360	2.6	29	2KJ3505 - ■ DF23 - ■ ■ R1	
	B.49-LE90SQ6P							
	16	455	59.28	11 200	0.98	28	2KJ3503 - ■ EC23 - ■ ■ C2	P01
	17	415	53.89	11 200	1.1	28	2KJ3503 - ■ EC23 - ■ ■ B2	P01
	20	355	45.83	10 900	1.3	28	2KJ3503 - ■ EC23 - ■ ■ A2	P01
	22	320	41.67	10 700	1.4	28	2KJ3503 - ■ EC23 - ■ ■ X1	P01
	B.49-LE80ZMQ4P							
	24	290	59.28	10 500	1.5	27	2KJ3503 - ■ DF23 - ■ ■ C2	
	27	265	53.89	10 300	1.7	27	2KJ3503 - ■ DF23 - ■ ■ B2	
	32	225	45.83	9 980	2.0	27	2KJ3503 - ■ DF23 - ■ ■ A2	
	35	205	41.67	9 760	2.2	27	2KJ3503 - ■ DF23 - ■ ■ X1	
	39	184	37.18	9 480	2.5	27	2KJ3503 - ■ DF23 - ■ ■ W1	
	44	165	33.33	9 220	2.7	27	2KJ3503 - ■ DF23 - ■ ■ V1	
	K.39-LE80ZMQ4P							
	26	270	55.25	5 890	0.81	22	2KJ3504 - ■ DF23 - ■ ■ X1	
	30	235	48.37	6 000	0.92	22	2KJ3504 - ■ DF23 - ■ ■ W1	
	34	205	42.41	5 930	1.1	22	2KJ3504 - ■ DF23 - ■ ■ V1	
	38	190	38.48	5 810	1.2	22	2KJ3504 - ■ DF23 - ■ ■ U1	
	40	179	36.21	5 760	1.2	22	2KJ3504 - ■ DF23 - ■ ■ T1	
	45	158	31.92	5 650	1.4	22	2KJ3504 - ■ DF23 - ■ ■ S1	
	52	137	27.70	5 510	1.6	22	2KJ3504 - ■ DF23 - ■ ■ R1	
	54	133	26.89	5 480	1.7	22	2KJ3504 - ■ DF23 - ■ ■ Q1	
	60	118	23.97	5 370	1.9	22	2KJ3504 - ■ DF23 - ■ ■ P1	
	66	109	22.12	5 280	2.0	22	2KJ3504 - ■ DF23 - ■ ■ N1	
	75	96	19.37	5 120	2.3	22	2KJ3504 - ■ DF23 - ■ ■ M1	
	85	84	16.98	4 970	2.6	22	2KJ3504 - ■ DF23 - ■ ■ L1	
	94	76	15.41	4 860	2.9	22	2KJ3504 - ■ DF23 - ■ ■ 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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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.39-LE80ZMQ4P							
	100	72	14.50	4 790	3.1	22	2KJ3504 - ■ DF23 - ■ ■ J1	
	113	63	12.78	4 650	3.5	22	2KJ3504 - ■ DF23 - ■ ■ H1	
	144	50	10.04	4 290	3.7	22	2KJ3504 - ■ DF23 - ■ ■ F1	
	B.39-LE80ZMQ4P							
	29	245	50.11	6 980	0.85	21	2KJ3502 - ■ DF23 - ■ ■ X1	
	33	215	44.00	6 980	1.2	21	2KJ3502 - ■ DF23 - ■ ■ W1	
	36	198	40.00	6 980	1.2	21	2KJ3502 - ■ DF23 - ■ ■ V1	
	42	169	34.22	6 980	1.5	21	2KJ3502 - ■ DF23 - ■ ■ U1	
	47	154	31.11	6 980	1.6	21	2KJ3502 - ■ DF23 - ■ ■ T1	
	53	136	27.50	6 980	1.8	21	2KJ3502 - ■ DF23 - ■ ■ S1	
	58	123	25.00	6 980	2.0	21	2KJ3502 - ■ DF23 - ■ ■ R1	
	66	108	21.90	6 980	2.3	21	2KJ3502 - ■ DF23 - ■ ■ Q1	
	72	100	20.21	6 980	2.5	21	2KJ3502 - ■ DF23 - ■ ■ P1	
	81	88	17.90	6 980	2.8	21	2KJ3502 - ■ DF23 - ■ ■ N1	
	97	74	14.90	6 980	3.4	21	2KJ3502 - ■ DF23 - ■ ■ M1	
	B.29-LE80ZMQ4P							
	57	126	25.56	4 050	0.87	16	2KJ3501 - ■ DF23 - ■ ■ U1	
	65	111	22.41	4 130	0.99	16	2KJ3501 - ■ DF23 - ■ ■ T1	
	72	99	20.00	4 190	1.1	16	2KJ3501 - ■ DF23 - ■ ■ S1	
	81	88	17.82	4 200	1.2	16	2KJ3501 - ■ DF23 - ■ ■ R1	
	88	81	16.45	4 200	1.4	16	2KJ3501 - ■ DF23 - ■ ■ Q1	
	101	71	14.40	4 200	1.5	16	2KJ3501 - ■ DF23 - ■ ■ P1	
	115	62	12.63	4 200	1.8	16	2KJ3501 - ■ DF23 - ■ ■ N1	
	127	57	11.46	4 140	1.9	16	2KJ3501 - ■ DF23 - ■ ■ M1	
	135	53	10.78	4 090	2.1	16	2KJ3501 - ■ DF23 - ■ ■ L1	
	152	47	9.51	3 950	2.3	16	2KJ3501 - ■ DF23 - ■ ■ K1	
	176	41	8.25	3 810	2.7	16	2KJ3501 - ■ DF23 - ■ ■ J1	
	185	39	7.84	3 720	1.9	16	2KJ3501 - ■ DF23 - ■ ■ H1	
	196	36	7.38	3 660	2.1	16	2KJ3501 - ■ DF23 - ■ ■ G1	
	223	32	6.51	3 540	2.3	16	2KJ3501 - ■ DF23 - ■ ■ F1	
	257	28	5.65	3 400	2.7	16	2KJ3501 - ■ DF23 - ■ ■ E1	
	286	25	5.07	3 340	3.0	16	2KJ3501 - ■ DF23 - ■ ■ D1	
	303	24	4.78	3 270	3.1	16	2KJ3501 - ■ DF23 - ■ ■ C1	
	344	21	4.21	3 160	3.6	16	2KJ3501 - ■ DF23 - ■ ■ B1	
	397	18	3.65	3 030	4.0	16	2KJ3501 - ■ DF23 - ■ ■ A1	
	B.19-LE80ZMQ4P							
	115	62	12.66	1 910	0.80	14	2KJ3500 - ■ DF23 - ■ ■ N1	
	132	54	11.00	1 910	0.92	14	2KJ3500 - ■ DF23 - ■ ■ M1	
	146	49	9.93	1 910	1.0	14	2KJ3500 - ■ DF23 - ■ ■ L1	
	155	46	9.35	1 910	1.1	14	2KJ3500 - ■ DF23 - ■ ■ K1	
	178	40	8.15	1 910	1.2	14	2KJ3500 - ■ DF23 - ■ ■ J1	
	184	39	7.87	1 910	0.98	14	2KJ3500 - ■ DF23 - ■ ■ H1	
	207	34	6.99	1 910	1.1	14	2KJ3500 - ■ DF23 - ■ ■ G1	
	225	32	6.45	1 910	1.2	14	2KJ3500 - ■ DF23 - ■ ■ F1	
	258	28	5.61	1 910	1.3	14	2KJ3500 - ■ DF23 - ■ ■ E1	
	298	24	4.87	1 910	1.5	14	2KJ3500 - ■ DF23 - ■ ■ D1	
	330	22	4.40	1 910	1.6	14	2KJ3500 - ■ DF23 - ■ ■ 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
0.75	B.19-LE80ZMQ4P							
	350	20	4.14	1 910	1.6	14	2KJ3500 - ■ DF23 - ■ ■ B1	
	402	18	3.61	1 910	1.7	14	2KJ3500 - ■ DF23 - ■ ■ A1	
1.1	K.129-LE90ZLR6P							
	4.1	2 560	228.30	39 400	1.7	154	2KJ3512 - ■ EM23 - ■ ■ J2	P01
	4.4	2 360	210.74	39 600	1.9	154	2KJ3512 - ■ EM23 - ■ ■ H2	P01
	4.8	2 180	194.04	39 800	2.0	154	2KJ3512 - ■ EM23 - ■ ■ G2	P01
	K.109-LE90ZLR6P							
	4.3	2 430	216.65	24 500	1.2	104	2KJ3511 - ■ EM23 - ■ ■ H2	P01
	4.8	2 190	195.60	24 500	1.3	104	2KJ3511 - ■ EM23 - ■ ■ G2	P01
	5.3	1 990	177.43	24 500	1.5	104	2KJ3511 - ■ EM23 - ■ ■ F2	P01
	5.7	1 840	163.78	24 500	1.6	104	2KJ3511 - ■ EM23 - ■ ■ E2	P01
	6.3	1 670	148.88	24 500	1.7	104	2KJ3511 - ■ EM23 - ■ ■ D2	P01
	K.109-LE90SM4P							
	6.6	1 590	216.65	24 500	1.8	101	2KJ3511 - ■ EK23 - ■ ■ H2	
	7.3	1 440	195.60	24 500	2.0	101	2KJ3511 - ■ EK23 - ■ ■ G2	
	K.89-LE90ZLR6P							
	5.5	1 900	169.94	18 100	0.84	67	2KJ3510 - ■ EM23 - ■ ■ G2	P01
	K.89-LE90SM4P							
	6.1	1 700	231.80	18 100	0.94	64	2KJ3510 - ■ EK23 - ■ ■ K2	
	6.8	1 550	210.72	18 100	1.0	64	2KJ3510 - ■ EK23 - ■ ■ J2	
	7.5	1 390	189.01	18 100	1.1	64	2KJ3510 - ■ EK23 - ■ ■ H2	
	8.4	1 250	169.94	18 100	1.3	64	2KJ3510 - ■ EK23 - ■ ■ G2	
	9.3	1 130	153.70	18 100	1.4	64	2KJ3510 - ■ EK23 - ■ ■ F2	
	10	1 040	141.88	18 100	1.5	64	2KJ3510 - ■ EK23 - ■ ■ E2	
	11	955	129.96	18 100	1.7	64	2KJ3510 - ■ EK23 - ■ ■ D2	
	13	800	109.04	18 100	2.0	64	2KJ3510 - ■ EK23 - ■ ■ C2	
	14	755	102.63	18 100	2.1	64	2KJ3510 - ■ EK23 - ■ ■ B2	
	K.79-LE90SM4P							
	10	1 010	137.35	13 600	0.81	42	2KJ3508 - ■ EK23 - ■ ■ D2	
	12	840	114.28	13 900	0.97	42	2KJ3508 - ■ EK23 - ■ ■ B2	
	12	910	123.80	13 700	0.90	42	2KJ3508 - ■ EK23 - ■ ■ C2	
	14	765	104.32	14 000	1.1	42	2KJ3508 - ■ EK23 - ■ ■ A2	
	16	635	86.56	14 300	1.3	42	2KJ3508 - ■ EK23 - ■ ■ X1	
	17	600	81.47	14 400	1.4	42	2KJ3508 - ■ EK23 - ■ ■ W1	
	19	565	76.94	14 400	1.4	42	2KJ3508 - ■ EK23 - ■ ■ V1	
	22	480	65.47	14 400	1.7	42	2KJ3508 - ■ EK23 - ■ ■ U1	
	25	410	56.08	14 400	2.0	42	2KJ3508 - ■ EK23 - ■ ■ T1	
	29	360	49.31	14 400	2.3	42	2KJ3508 - ■ EK23 - ■ ■ S1	
	34	305	41.60	14 400	2.6	42	2KJ3508 - ■ EK23 - ■ ■ R1	
	K.69-LE90SM4P							
	14	735	99.64	9 990	0.82	37	2KJ3507 - ■ EK23 - ■ ■ B2	
	15	675	91.98	10 100	0.88	37	2KJ3507 - ■ EK23 - ■ ■ A2	
	17	615	83.96	10 100	0.97	37	2KJ3507 - ■ EK23 - ■ ■ X1	
	20	510	69.67	10 000	1.2	37	2KJ3507 - ■ EK23 - ■ ■ W1	
	22	480	65.57	9 960	1.2	37	2KJ3507 - ■ EK23 - ■ ■ V1	
	23	455	61.93	9 890	1.3	37	2KJ3507 - ■ EK23 - ■ ■ U1	
	27	385	52.69	9 700	1.5	37	2KJ3507 - ■ EK23 - ■ ■ T1	
	32	330	45.14	9 470	1.8	37	2KJ3507 - ■ EK23 - ■ ■ S1	

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-LE90SM4P							
	36	290	39.69	9 260	2.1	37	2KJ3507 - ■ EK23 - ■ ■ R1	
	43	245	33.48	8 950	2.3	37	2KJ3507 - ■ EK23 - ■ ■ Q1	
	49	215	29.18	8 690	2.6	37	2KJ3507 - ■ EK23 - ■ ■ P1	
	K.49-LE90SM4P							
	22	465	63.59	5 960	0.90	30	2KJ3505 - ■ EK23 - ■ ■ W1	
	27	390	52.93	5 970	1.1	30	2KJ3505 - ■ EK23 - ■ ■ V1	
	29	365	49.82	5 980	1.1	30	2KJ3505 - ■ EK23 - ■ ■ U1	
	32	325	44.63	5 980	1.3	30	2KJ3505 - ■ EK23 - ■ ■ T1	
	38	280	38.00	5 890	1.5	30	2KJ3505 - ■ EK23 - ■ ■ S1	
	44	240	32.57	5 790	1.7	30	2KJ3505 - ■ EK23 - ■ ■ R1	
	51	205	28.05	5 690	2.0	30	2KJ3505 - ■ EK23 - ■ ■ Q1	
	54	194	26.30	5 620	2.2	30	2KJ3505 - ■ EK23 - ■ ■ P1	
	61	172	23.28	5 510	2.4	30	2KJ3505 - ■ EK23 - ■ ■ N1	
	74	143	19.38	5 330	2.9	30	2KJ3505 - ■ EK23 - ■ ■ M1	
	78	134	18.24	5 270	3.1	30	2KJ3505 - ■ EK23 - ■ ■ L1	
	146	72	9.75	4 530	3.8	30	2KJ3505 - ■ EK23 - ■ ■ F1	
	155	68	9.18	4 460	4.0	30	2KJ3505 - ■ EK23 - ■ ■ E1	
	173	61	8.22	4 330	4.2	30	2KJ3505 - ■ EK23 - ■ ■ D1	
	B.49-LE90ZLR6P							
	20	515	45.83	9 860	0.87	31	2KJ3503 - ■ EM23 - ■ ■ A2	P01
	22	465	41.67	9 780	0.96	31	2KJ3503 - ■ EM23 - ■ ■ X1	P01
	B.49-LE90SM4P							
	24	435	59.28	9 680	1.0	28	2KJ3503 - ■ EK23 - ■ ■ C2	
	26	395	53.89	9 560	1.1	28	2KJ3503 - ■ EK23 - ■ ■ B2	
	31	335	45.83	9 320	1.3	28	2KJ3503 - ■ EK23 - ■ ■ A2	
	34	305	41.67	9 150	1.5	28	2KJ3503 - ■ EK23 - ■ ■ X1	
	38	270	37.18	8 970	1.6	28	2KJ3503 - ■ EK23 - ■ ■ W1	
	43	245	33.33	8 750	1.8	28	2KJ3503 - ■ EK23 - ■ ■ V1	
	47	220	30.05	8 560	2.0	28	2KJ3503 - ■ EK23 - ■ ■ U1	
	51	200	27.74	8 430	2.2	28	2KJ3503 - ■ EK23 - ■ ■ T1	
	56	187	25.32	8 230	2.4	28	2KJ3503 - ■ EK23 - ■ ■ S1	
	68	155	21.01	7 870	2.9	28	2KJ3503 - ■ EK23 - ■ ■ R1	
	72	146	19.77	7 750	3.1	28	2KJ3503 - ■ EK23 - ■ ■ Q1	
	K.39-LE90SM4P							
	39	265	36.21	5 030	0.82	24	2KJ3504 - ■ EK23 - ■ ■ T1	
	45	235	31.92	4 990	0.93	24	2KJ3504 - ■ EK23 - ■ ■ S1	
	51	200	27.70	4 980	1.1	24	2KJ3504 - ■ EK23 - ■ ■ R1	
	53	198	26.89	4 930	1.1	24	2KJ3504 - ■ EK23 - ■ ■ Q1	
	59	177	23.97	4 870	1.2	24	2KJ3504 - ■ EK23 - ■ ■ P1	
	64	163	22.12	4 820	1.3	24	2KJ3504 - ■ EK23 - ■ ■ N1	
	74	143	19.37	4 730	1.5	24	2KJ3504 - ■ EK23 - ■ ■ M1	
	84	125	16.98	4 640	1.8	24	2KJ3504 - ■ EK23 - ■ ■ L1	
	92	114	15.41	4 550	1.9	24	2KJ3504 - ■ EK23 - ■ ■ K1	
	98	107	14.50	4 500	2.1	24	2KJ3504 - ■ EK23 - ■ ■ J1	
	112	94	12.78	4 400	2.3	24	2KJ3504 - ■ EK23 - ■ ■ H1	
	128	82	11.09	4 260	2.7	24	2KJ3504 - ■ EK23 - ■ ■ G1	
	142	74	10.04	4 070	2.5	24	2KJ3504 - ■ EK23 - ■ ■ 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
1.1	K.39-LE90SM4P							
	162	65	8.81	3 950	2.8	24	2KJ3504 - ■ EK23 - ■ ■ E1	
	178	59	7.99	3 870	3.0	24	2KJ3504 - ■ EK23 - ■ ■ D1	
	189	55	7.52	3 820	3.1	24	2KJ3504 - ■ EK23 - ■ ■ C1	
	215	49	6.63	3 700	3.3	24	2KJ3504 - ■ EK23 - ■ ■ B1	
	248	42	5.75	3 580	3.5	24	2KJ3504 - ■ EK23 - ■ ■ A1	
	B.39-LE90SM4P							
	42	250	34.22	6 980	0.99	23	2KJ3502 - ■ EK23 - ■ ■ U1	
	46	225	31.11	6 980	1.1	23	2KJ3502 - ■ EK23 - ■ ■ T1	
	52	200	27.50	6 980	1.2	23	2KJ3502 - ■ EK23 - ■ ■ S1	
	57	184	25.00	6 980	1.4	23	2KJ3502 - ■ EK23 - ■ ■ R1	
	65	161	21.90	6 980	1.5	23	2KJ3502 - ■ EK23 - ■ ■ Q1	
	71	149	20.21	6 980	1.7	23	2KJ3502 - ■ EK23 - ■ ■ P1	
	80	132	17.90	6 980	1.9	23	2KJ3502 - ■ EK23 - ■ ■ N1	
	96	110	14.90	6 800	2.3	23	2KJ3502 - ■ EK23 - ■ ■ M1	
	102	103	14.02	6 710	2.4	23	2KJ3502 - ■ EK23 - ■ ■ L1	
	113	93	12.56	6 510	2.7	23	2KJ3502 - ■ EK23 - ■ ■ K1	
	133	79	10.69	6 240	3.0	23	2KJ3502 - ■ EK23 - ■ ■ J1	
	155	68	9.17	5 980	3.4	23	2KJ3502 - ■ EK23 - ■ ■ H1	
	181	58	7.89	5 740	3.8	23	2KJ3502 - ■ EK23 - ■ ■ G1	
	216	49	6.60	5 490	4.1	23	2KJ3502 - ■ EK23 - ■ ■ F1	
	229	46	6.21	5 400	4.4	23	2KJ3502 - ■ EK23 - ■ ■ E1	
	B.29-LE90SM4P							
	80	131	17.82	4 030	0.84	18	2KJ3501 - ■ EK23 - ■ ■ R1	
	87	121	16.45	4 080	0.91	18	2KJ3501 - ■ EK23 - ■ ■ Q1	
	99	106	14.40	4 090	1.0	18	2KJ3501 - ■ EK23 - ■ ■ P1	
	113	93	12.63	3 990	1.2	18	2KJ3501 - ■ EK23 - ■ ■ N1	
	124	84	11.46	3 920	1.3	18	2KJ3501 - ■ EK23 - ■ ■ M1	
	132	80	10.78	3 860	1.4	18	2KJ3501 - ■ EK23 - ■ ■ L1	
	150	70	9.51	3 760	1.6	18	2KJ3501 - ■ EK23 - ■ ■ K1	
	173	61	8.25	3 640	1.8	18	2KJ3501 - ■ EK23 - ■ ■ J1	
	182	58	7.84	3 550	1.3	18	2KJ3501 - ■ EK23 - ■ ■ H1	
	193	54	7.38	3 500	1.4	18	2KJ3501 - ■ EK23 - ■ ■ G1	
	219	48	6.51	3 400	1.6	18	2KJ3501 - ■ EK23 - ■ ■ F1	
	252	42	5.65	3 280	1.8	18	2KJ3501 - ■ EK23 - ■ ■ E1	
	281	37	5.07	3 250	2.0	18	2KJ3501 - ■ EK23 - ■ ■ D1	
	298	35	4.78	3 200	2.1	18	2KJ3501 - ■ EK23 - ■ ■ C1	
	338	31	4.21	3 090	2.4	18	2KJ3501 - ■ EK23 - ■ ■ B1	
	390	27	3.65	2 970	2.7	18	2KJ3501 - ■ EK23 - ■ ■ A1	
1.5	K.129-LE100LLB6P							
	4.2	3 370	228.30	38 600	1.3	167	2KJ3512 - ■ FM23 - ■ ■ J2	P01
	4.6	3 110	210.74	38 900	1.4	167	2KJ3512 - ■ FM23 - ■ ■ H2	P01
	5.0	2 860	194.04	39 100	1.5	167	2KJ3512 - ■ FM23 - ■ ■ G2	P01
	5.9	2 440	165.47	39 500	1.8	167	2KJ3512 - ■ FM23 - ■ ■ F2	P01
	K.129-LE90ZLR4P							
	6.3	2 260	228.30	39 700	1.9	154	2KJ3512 - ■ EM23 - ■ ■ J2	
	6.9	2 080	210.74	39 900	2.1	154	2KJ3512 - ■ EM23 - ■ ■ H2	

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.109-LE100LLB6P							
	4.5	3 190	216.65	24 500	0.91	116	2KJ3511 - ■ FM23 - ■ ■ H2	P01
	5.0	2 880	195.60	24 500	1.0	116	2KJ3511 - ■ FM23 - ■ ■ G2	P01
	5.5	2 620	177.43	24 500	1.1	116	2KJ3511 - ■ FM23 - ■ ■ F2	P01
	5.9	2 410	163.78	24 500	1.2	116	2KJ3511 - ■ FM23 - ■ ■ E2	P01
	K.109-LE90ZLR4P							
	6.7	2 140	216.65	24 500	1.4	104	2KJ3511 - ■ EM23 - ■ ■ H2	
	7.4	1 930	195.60	24 500	1.5	104	2KJ3511 - ■ EM23 - ■ ■ G2	
	8.1	1 750	177.43	24 500	1.6	104	2KJ3511 - ■ EM23 - ■ ■ F2	
	8.8	1 620	163.78	24 500	1.8	104	2KJ3511 - ■ EM23 - ■ ■ E2	
	9.7	1 470	148.88	24 500	2.0	104	2KJ3511 - ■ EM23 - ■ ■ D2	
	K.89-LE90ZLR4P							
	7.6	1 870	189.01	18 100	0.85	67	2KJ3510 - ■ EM23 - ■ ■ H2	
	8.5	1 680	169.94	18 100	0.95	67	2KJ3510 - ■ EM23 - ■ ■ G2	
	9.4	1 520	153.70	18 100	1.1	67	2KJ3510 - ■ EM23 - ■ ■ F2	
	10	1 400	141.88	18 100	1.1	67	2KJ3510 - ■ EM23 - ■ ■ E2	
	11	1 280	129.96	18 100	1.2	67	2KJ3510 - ■ EM23 - ■ ■ D2	
	13	1 080	109.04	18 100	1.5	67	2KJ3510 - ■ EM23 - ■ ■ C2	
	14	1 010	102.63	18 100	1.6	67	2KJ3510 - ■ EM23 - ■ ■ B2	
	15	930	94.16	18 100	1.7	67	2KJ3510 - ■ EM23 - ■ ■ A2	
	18	815	82.25	18 100	2.0	67	2KJ3510 - ■ EM23 - ■ ■ X1	
	20	730	73.64	18 100	2.2	67	2KJ3510 - ■ EM23 - ■ ■ W1	
	K.79-LE90ZLR4P							
	17	855	86.56	13 900	0.96	45	2KJ3508 - ■ EM23 - ■ ■ X1	
	18	805	81.47	14 000	1.0	45	2KJ3508 - ■ EM23 - ■ ■ W1	
	19	760	76.94	14 000	1.1	45	2KJ3508 - ■ EM23 - ■ ■ V1	
	22	645	65.47	14 300	1.3	45	2KJ3508 - ■ EM23 - ■ ■ U1	
	26	555	56.08	14 400	1.5	45	2KJ3508 - ■ EM23 - ■ ■ T1	
	29	485	49.31	14 400	1.7	45	2KJ3508 - ■ EM23 - ■ ■ S1	
	35	410	41.60	14 400	1.9	45	2KJ3508 - ■ EM23 - ■ ■ R1	
	40	355	36.26	14 400	2.1	45	2KJ3508 - ■ EM23 - ■ ■ Q1	
	44	325	32.78	14 400	2.5	45	2KJ3508 - ■ EM23 - ■ ■ P1	
	K.69-LE90ZLR4P							
	21	690	69.67	8 680	0.87	40	2KJ3507 - ■ EM23 - ■ ■ W1	
	22	650	65.57	8 690	0.92	40	2KJ3507 - ■ EM23 - ■ ■ V1	
	23	610	61.93	8 720	0.98	40	2KJ3507 - ■ EM23 - ■ ■ U1	
	27	520	52.69	8 680	1.1	40	2KJ3507 - ■ EM23 - ■ ■ T1	
	32	445	45.14	8 590	1.3	40	2KJ3507 - ■ EM23 - ■ ■ S1	
	36	390	39.69	8 490	1.5	40	2KJ3507 - ■ EM23 - ■ ■ R1	
	43	330	33.48	8 300	1.7	40	2KJ3507 - ■ EM23 - ■ ■ Q1	
	50	285	29.18	8 140	1.9	40	2KJ3507 - ■ EM23 - ■ ■ P1	
	55	255	26.05	7 980	2.3	40	2KJ3507 - ■ EM23 - ■ ■ N1	
	59	240	24.52	7 890	2.4	40	2KJ3507 - ■ EM23 - ■ ■ M1	
	62	225	23.15	7 810	2.5	40	2KJ3507 - ■ EM23 - ■ ■ L1	
	73	195	19.70	7 530	2.8	40	2KJ3507 - ■ EM23 - ■ ■ K1	
	86	167	16.88	7 280	3.2	40	2KJ3507 - ■ EM23 - ■ ■ J1	
	97	147	14.84	7 070	3.5	40	2KJ3507 - ■ EM23 - ■ ■ H1	
	155	93	9.34	6 130	4.0	40	2KJ3507 - ■ EM23 - ■ ■ 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
1.5	K.49-LE90ZLR4P							
	27	525	52.93	4 880	0.80	33	2KJ3505 - ■ EM23 - ■ ■ V1	
	29	490	49.82	4 970	0.85	33	2KJ3505 - ■ EM23 - ■ ■ U1	
	32	440	44.63	5 040	0.95	33	2KJ3505 - ■ EM23 - ■ ■ T1	
	38	375	38.00	5 110	1.1	33	2KJ3505 - ■ EM23 - ■ ■ S1	
	44	320	32.57	5 130	1.3	33	2KJ3505 - ■ EM23 - ■ ■ R1	
	52	275	28.05	5 110	1.5	33	2KJ3505 - ■ EM23 - ■ ■ Q1	
	55	260	26.30	5 080	1.6	33	2KJ3505 - ■ EM23 - ■ ■ P1	
	62	230	23.28	5 030	1.8	33	2KJ3505 - ■ EM23 - ■ ■ N1	
	75	192	19.38	4 920	2.2	33	2KJ3505 - ■ EM23 - ■ ■ M1	
	79	181	18.24	4 880	2.3	33	2KJ3505 - ■ EM23 - ■ ■ L1	
	88	162	16.34	4 800	2.6	33	2KJ3505 - ■ EM23 - ■ ■ K1	
	104	138	13.91	4 670	3.0	33	2KJ3505 - ■ EM23 - ■ ■ J1	
	121	118	11.93	4 540	3.6	33	2KJ3505 - ■ EM23 - ■ ■ H1	
	148	97	9.75	4 290	2.8	33	2KJ3505 - ■ EM23 - ■ ■ F1	
	157	91	9.18	4 240	3.0	33	2KJ3505 - ■ EM23 - ■ ■ E1	
	176	82	8.22	4 140	3.1	33	2KJ3505 - ■ EM23 - ■ ■ D1	
	206	69	7.00	3 990	3.5	33	2KJ3505 - ■ EM23 - ■ ■ C1	
	241	60	6.00	3 840	3.8	33	2KJ3505 - ■ EM23 - ■ ■ B1	
	279	51	5.17	3 700	4.1	33	2KJ3505 - ■ EM23 - ■ ■ A1	
	B.49-LE90ZLR4P							
	27	530	53.89	8 600	0.84	31	2KJ3503 - ■ EM23 - ■ ■ B2	
	32	450	45.83	8 500	0.99	31	2KJ3503 - ■ EM23 - ■ ■ A2	
	35	410	41.67	8 400	1.1	31	2KJ3503 - ■ EM23 - ■ ■ X1	
	39	365	37.18	8 290	1.2	31	2KJ3503 - ■ EM23 - ■ ■ W1	
	43	330	33.33	8 140	1.4	31	2KJ3503 - ■ EM23 - ■ ■ V1	
	48	295	30.05	8 020	1.5	31	2KJ3503 - ■ EM23 - ■ ■ U1	
	52	275	27.74	7 890	1.6	31	2KJ3503 - ■ EM23 - ■ ■ T1	
	57	250	25.32	7 760	1.8	31	2KJ3503 - ■ EM23 - ■ ■ S1	
	69	205	21.01	7 490	2.2	31	2KJ3503 - ■ EM23 - ■ ■ R1	
	73	196	19.77	7 380	2.3	31	2KJ3503 - ■ EM23 - ■ ■ Q1	
	77	185	18.67	7 290	2.4	31	2KJ3503 - ■ EM23 - ■ ■ P1	
	91	158	15.89	7 020	2.9	31	2KJ3503 - ■ EM23 - ■ ■ N1	
	106	135	13.61	6 770	3.3	31	2KJ3503 - ■ EM23 - ■ ■ M1	
	174	82	8.29	6 010	4.0	31	2KJ3503 - ■ EM23 - ■ ■ H1	
	185	77	7.80	5 910	4.3	31	2KJ3503 - ■ EM23 - ■ ■ G1	
	K.39-LE90ZLR4P							
	52	275	27.70	4 270	0.8	27	2KJ3504 - ■ EM23 - ■ ■ R1	
	54	265	26.89	4 290	0.83	27	2KJ3504 - ■ EM23 - ■ ■ Q1	
	60	235	23.97	4 310	0.93	27	2KJ3504 - ■ EM23 - ■ ■ P1	
	65	215	22.12	4 320	1.0	27	2KJ3504 - ■ EM23 - ■ ■ N1	
	75	192	19.37	4 260	1.1	27	2KJ3504 - ■ EM23 - ■ ■ M1	
	85	168	16.98	4 220	1.3	27	2KJ3504 - ■ EM23 - ■ ■ L1	
	94	153	15.41	4 170	1.4	27	2KJ3504 - ■ EM23 - ■ ■ K1	
	100	144	14.50	4 140	1.5	27	2KJ3504 - ■ EM23 - ■ ■ J1	
	113	127	12.78	4 070	1.7	27	2KJ3504 - ■ EM23 - ■ ■ H1	
	130	110	11.09	3 980	2.0	27	2KJ3504 - ■ EM23 - ■ ■ G1	
	144	100	10.04	3 770	1.8	27	2KJ3504 - ■ EM23 - ■ ■ 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
1.5	K.39-LE90ZLR4P							
	164	87	8.81	3 700	2.1	27	2KJ3504 - ■ EM23 - ■ ■ E1	
	181	79	7.99	3 640	2.2	27	2KJ3504 - ■ EM23 - ■ ■ D1	
	192	74	7.52	3 600	2.3	27	2KJ3504 - ■ EM23 - ■ ■ C1	
	218	66	6.63	3 500	2.4	27	2KJ3504 - ■ EM23 - ■ ■ B1	
	251	57	5.75	3 400	2.6	27	2KJ3504 - ■ EM23 - ■ ■ A1	
	B.39-LE90ZLR4P							
	46	305	31.11	6 980	0.81	26	2KJ3502 - ■ EM23 - ■ ■ T1	
	53	270	27.50	6 980	0.92	26	2KJ3502 - ■ EM23 - ■ ■ S1	
	58	245	25.00	6 980	1.0	26	2KJ3502 - ■ EM23 - ■ ■ R1	
	66	215	21.90	6 980	1.2	26	2KJ3502 - ■ EM23 - ■ ■ Q1	
	71	200	20.21	6 890	1.2	26	2KJ3502 - ■ EM23 - ■ ■ P1	
	81	177	17.90	6 730	1.4	26	2KJ3502 - ■ EM23 - ■ ■ N1	
	97	148	14.90	6 480	1.7	26	2KJ3502 - ■ EM23 - ■ ■ M1	
	103	139	14.02	6 390	1.8	26	2KJ3502 - ■ EM23 - ■ ■ L1	
	115	125	12.56	6 230	2.0	26	2KJ3502 - ■ EM23 - ■ ■ K1	
	135	106	10.69	6 000	2.3	26	2KJ3502 - ■ EM23 - ■ ■ J1	
	158	91	9.17	5 780	2.5	26	2KJ3502 - ■ EM23 - ■ ■ H1	
	183	78	7.89	5 560	2.8	26	2KJ3502 - ■ EM23 - ■ ■ G1	
	219	65	6.60	5 350	3.1	26	2KJ3502 - ■ EM23 - ■ ■ F1	
	233	62	6.21	5 260	3.2	26	2KJ3502 - ■ EM23 - ■ ■ E1	
	260	55	5.56	5 100	3.6	26	2KJ3502 - ■ EM23 - ■ ■ D1	
	305	47	4.74	4 870	4.3	26	2KJ3502 - ■ EM23 - ■ ■ C1	
	356	40	4.06	4 660	5.0	26	2KJ3502 - ■ EM23 - ■ ■ B1	
	B.29-LE90ZLR4P							
	413	35	3.50	4 450	5.5	26	2KJ3502 - ■ EM23 - ■ ■ A1	
	114	125	12.63	3 670	0.88	21	2KJ3501 - ■ EM23 - ■ ■ N1	
	126	114	11.46	3 620	0.97	21	2KJ3501 - ■ EM23 - ■ ■ M1	
	134	107	10.78	3 590	1.0	21	2KJ3501 - ■ EM23 - ■ ■ L1	
	152	94	9.51	3 520	1.2	21	2KJ3501 - ■ EM23 - ■ ■ K1	
	175	82	8.25	3 430	1.3	21	2KJ3501 - ■ EM23 - ■ ■ J1	
	184	78	7.84	3 320	0.96	21	2KJ3501 - ■ EM23 - ■ ■ H1	
	196	73	7.38	3 290	1.0	21	2KJ3501 - ■ EM23 - ■ ■ G1	
	222	64	6.51	3 220	1.2	21	2KJ3501 - ■ EM23 - ■ ■ F1	
	256	56	5.65	3 120	1.3	21	2KJ3501 - ■ EM23 - ■ ■ E1	
	285	50	5.07	3 120	1.5	21	2KJ3501 - ■ EM23 - ■ ■ D1	
	302	47	4.78	3 070	1.6	21	2KJ3501 - ■ EM23 - ■ ■ C1	
	343	42	4.21	2 970	1.8	21	2KJ3501 - ■ EM23 - ■ ■ B1	
	396	36	3.65	2 870	2.0	21	2KJ3501 - ■ EM23 - ■ ■ A1	
2.2	K.149-LE112ZMKB6P							
	4.1	5 130	237.03	65 000	1.6	254	2KJ3513 - ■ GJ23 - ■ ■ J2 P01	
	4.8	4 390	202.86	65 000	1.8	254	2KJ3513 - ■ GJ23 - ■ ■ H2 P01	
	5.1	4 130	190.92	65 000	1.9	254	2KJ3513 - ■ GJ23 - ■ ■ G2 P01	
	5.4	3 870	178.97	65 000	2.1	254	2KJ3513 - ■ GJ23 - ■ ■ F2 P01	
	K.129-LE112ZMKB6P							
	4.2	4 940	228.30	37 100	0.89	170	2KJ3512 - ■ GJ23 - ■ ■ J2 P01	
	4.6	4 560	210.74	37 400	0.96	170	2KJ3512 - ■ GJ23 - ■ ■ H2 P01	
	5.0	4 200	194.04	37 800	1.0	170	2KJ3512 - ■ GJ23 - ■ ■ G2 P01	

Article No. supplement

Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

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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.129-LE112ZMKB6P							
	5.9	3 580	165.47	38 400	1.2	170	2KJ3512 - ■ GJ23 - ■ ■ F2	P01
	K.129-LE100ZLSA4P							
	6.4	3 270	228.30	38 700	1.3	170	2KJ3512 - ■ FN23 - ■ ■ J2	
	7.0	3 020	210.74	38 900	1.5	170	2KJ3512 - ■ FN23 - ■ ■ H2	
	7.5	2 780	194.04	39 200	1.6	170	2KJ3512 - ■ FN23 - ■ ■ G2	
	8.9	2 370	165.47	39 600	1.9	170	2KJ3512 - ■ FN23 - ■ ■ F2	
	9.4	2 230	155.74	39 700	2.0	170	2KJ3512 - ■ FN23 - ■ ■ E2	
	10	2 070	144.53	39 900	2.1	170	2KJ3512 - ■ FN23 - ■ ■ D2	
	K.109-LE112ZMKB6P							
	5.9	3 540	163.78	24 500	0.82	120	2KJ3511 - ■ GJ23 - ■ ■ E2	P01
	K.109-LE100ZLSA4P							
	6.8	3 100	216.65	24 500	0.93	119	2KJ3511 - ■ FN23 - ■ ■ H2	
	7.5	2 800	195.60	24 500	1.0	119	2KJ3511 - ■ FN23 - ■ ■ G2	
	8.3	2 540	177.43	24 500	1.1	119	2KJ3511 - ■ FN23 - ■ ■ F2	
	8.9	2 340	163.78	24 500	1.2	119	2KJ3511 - ■ FN23 - ■ ■ E2	
	9.8	2 130	148.88	24 500	1.4	119	2KJ3511 - ■ FN23 - ■ ■ D2	
	12	1 700	118.65	24 500	1.7	119	2KJ3511 - ■ FN23 - ■ ■ B2	
	12	1 800	126.07	24 500	1.6	119	2KJ3511 - ■ FN23 - ■ ■ C2	
	13	1 570	109.57	24 500	1.8	119	2KJ3511 - ■ FN23 - ■ ■ A2	
	15	1 390	97.49	24 500	2.1	119	2KJ3511 - ■ FN23 - ■ ■ X1	
	17	1 240	86.59	24 500	2.3	119	2KJ3511 - ■ FN23 - ■ ■ W1	
	K.89-LE100ZLSA4P							
	11	1 860	129.96	18 100	0.86	84	2KJ3510 - ■ FN23 - ■ ■ D2	
	13	1 560	109.04	18 100	1.0	84	2KJ3510 - ■ FN23 - ■ ■ C2	
	14	1 470	102.63	18 100	1.1	84	2KJ3510 - ■ FN23 - ■ ■ B2	
	16	1 350	94.16	18 100	1.2	84	2KJ3510 - ■ FN23 - ■ ■ A2	
	18	1 180	82.25	18 100	1.4	84	2KJ3510 - ■ FN23 - ■ ■ X1	
	20	1 050	73.64	18 100	1.5	84	2KJ3510 - ■ FN23 - ■ ■ W1	
	23	920	64.39	18 100	1.7	84	2KJ3510 - ■ FN23 - ■ ■ V1	
	27	790	55.27	18 100	2.0	84	2KJ3510 - ■ FN23 - ■ ■ U1	
	30	700	48.85	18 100	2.3	84	2KJ3510 - ■ FN23 - ■ ■ T1	
	35	595	41.54	18 100	2.6	84	2KJ3510 - ■ FN23 - ■ ■ S1	
	K.79-LE100ZLSA4P							
	22	935	65.47	13 700	0.87	63	2KJ3508 - ■ FN23 - ■ ■ U1	
	26	800	56.08	14 000	1.0	63	2KJ3508 - ■ FN23 - ■ ■ T1	
	30	705	49.31	14 200	1.2	63	2KJ3508 - ■ FN23 - ■ ■ S1	
	35	595	41.60	14 400	1.3	63	2KJ3508 - ■ FN23 - ■ ■ R1	
	40	520	36.26	14 400	1.5	63	2KJ3508 - ■ FN23 - ■ ■ Q1	
	45	470	32.78	14 400	1.7	63	2KJ3508 - ■ FN23 - ■ ■ P1	
	54	390	27.20	14 400	2.1	63	2KJ3508 - ■ FN23 - ■ ■ N1	
	57	365	25.60	14 400	2.1	63	2KJ3508 - ■ FN23 - ■ ■ M1	
	61	345	24.17	14 400	2.2	63	2KJ3508 - ■ FN23 - ■ ■ L1	
	71	295	20.57	14 400	2.5	63	2KJ3508 - ■ FN23 - ■ ■ K1	
	83	250	17.62	14 400	2.8	63	2KJ3508 - ■ FN23 - ■ ■ J1	
	95	220	15.49	14 400	3.1	63	2KJ3508 - ■ FN23 - ■ ■ H1	
	112	187	13.07	14 400	3.5	63	2KJ3508 - ■ FN23 - ■ ■ G1	
	139	151	10.51	14 400	3.0	63	2KJ3508 - ■ FN23 - ■ ■ E1	
	163	129	9.01	13 800	3.5	63	2KJ3508 - ■ FN23 - ■ ■ D1	

Article No. supplementShaft 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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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.79-LE100ZLSA4P							
	185	114	7.92	13 300	4.0	63	2KJ3508 - ■ FN23 - ■ ■ C1	
	K.69-LE100ZLSA4P							
	32	645	45.14	7 110	0.93	57	2KJ3507 - ■ FN23 - ■ ■ S1	
	37	565	39.69	7 190	1.1	57	2KJ3507 - ■ FN23 - ■ ■ R1	
	44	480	33.48	7 180	1.2	57	2KJ3507 - ■ FN23 - ■ ■ Q1	
	50	415	29.18	7 170	1.3	57	2KJ3507 - ■ FN23 - ■ ■ P1	
	56	370	26.05	7 110	1.6	57	2KJ3507 - ■ FN23 - ■ ■ N1	
	60	350	24.52	7 060	1.7	57	2KJ3507 - ■ FN23 - ■ ■ M1	
	63	330	23.15	7 020	1.8	57	2KJ3507 - ■ FN23 - ■ ■ L1	
	74	280	19.70	6 890	2.0	57	2KJ3507 - ■ FN23 - ■ ■ K1	
	87	240	16.88	6 720	2.2	57	2KJ3507 - ■ FN23 - ■ ■ J1	
	99	210	14.84	6 580	2.4	57	2KJ3507 - ■ FN23 - ■ ■ H1	
	117	180	12.52	6 350	2.7	57	2KJ3507 - ■ FN23 - ■ ■ G1	
	134	156	10.91	6 180	3.0	57	2KJ3507 - ■ FN23 - ■ ■ F1	
	157	134	9.34	5 730	2.8	57	2KJ3507 - ■ FN23 - ■ ■ E1	
	183	115	8.01	5 550	3.2	57	2KJ3507 - ■ FN23 - ■ ■ D1	
	208	101	7.04	5 400	3.6	57	2KJ3507 - ■ FN23 - ■ ■ C1	
	247	85	5.94	5 190	4.0	57	2KJ3507 - ■ FN23 - ■ ■ B1	
	283	74	5.18	5 020	4.4	57	2KJ3507 - ■ FN23 - ■ ■ A1	
	K.49-LE100ZLSA4P							
	45	465	32.57	3 970	0.9	51	2KJ3505 - ■ FN23 - ■ ■ R1	
	52	400	28.05	4 110	1.0	51	2KJ3505 - ■ FN23 - ■ ■ Q1	
	56	375	26.30	4 150	1.1	51	2KJ3505 - ■ FN23 - ■ ■ P1	
	63	330	23.28	4 220	1.3	51	2KJ3505 - ■ FN23 - ■ ■ N1	
	76	275	19.38	4 240	1.5	51	2KJ3505 - ■ FN23 - ■ ■ M1	
	80	260	18.24	4 230	1.6	51	2KJ3505 - ■ FN23 - ■ ■ L1	
	90	230	16.34	4 240	1.8	51	2KJ3505 - ■ FN23 - ■ ■ K1	
	105	199	13.91	4 170	2.1	51	2KJ3505 - ■ FN23 - ■ ■ J1	
	123	171	11.93	4 100	2.5	51	2KJ3505 - ■ FN23 - ■ ■ H1	
	143	147	10.27	4 020	2.8	51	2KJ3505 - ■ FN23 - ■ ■ G1	
	150	140	9.75	3 910	2.0	51	2KJ3505 - ■ FN23 - ■ ■ F1	
	160	132	9.18	3 880	2.1	51	2KJ3505 - ■ FN23 - ■ ■ E1	
	178	118	8.22	3 810	2.2	51	2KJ3505 - ■ FN23 - ■ ■ D1	
	209	100	7.00	3 710	2.4	51	2KJ3505 - ■ FN23 - ■ ■ C1	
	244	86	6.00	3 600	2.6	51	2KJ3505 - ■ FN23 - ■ ■ B1	
	283	74	5.17	3 490	2.8	51	2KJ3505 - ■ FN23 - ■ ■ A1	
	B.49-LE100ZLSA4P							
	39	530	37.18	7 140	0.84	48	2KJ3503 - ■ FN23 - ■ ■ W1	
	44	475	33.33	7 130	0.94	48	2KJ3503 - ■ FN23 - ■ ■ V1	
	49	430	30.05	7 080	1.0	48	2KJ3503 - ■ FN23 - ■ ■ U1	
	53	395	27.74	7 050	1.1	48	2KJ3503 - ■ FN23 - ■ ■ T1	
	58	360	25.32	6 990	1.2	48	2KJ3503 - ■ FN23 - ■ ■ S1	
	70	300	21.01	6 820	1.5	48	2KJ3503 - ■ FN23 - ■ ■ R1	
	74	280	19.77	6 780	1.6	48	2KJ3503 - ■ FN23 - ■ ■ Q1	
	78	265	18.67	6 720	1.7	48	2KJ3503 - ■ FN23 - ■ ■ P1	
	92	225	15.89	6 540	2.0	48	2KJ3503 - ■ FN23 - ■ ■ N1	
	108	195	13.61	6 330	2.3	48	2KJ3503 - ■ FN23 - ■ ■ M1	

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Shaft design	1, 5, 6, 7 or 9
Frequency and voltage	2 or 9
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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	B.49-LE100ZLSA4P							
	122	172	11.97	6 170	2.6	48	2KJ3503 - ■ FN23 - ■ ■ L1	
	145	145	10.10	5 940	3.1	48	2KJ3503 - ■ FN23 - ■ ■ K1	
	166	126	8.80	5 760	3.6	48	2KJ3503 - ■ FN23 - ■ ■ J1	
	177	119	8.29	5 770	2.8	48	2KJ3503 - ■ FN23 - ■ ■ H1	
	188	112	7.80	5 680	3.0	48	2KJ3503 - ■ FN23 - ■ ■ G1	
	199	106	7.37	5 590	3.1	48	2KJ3503 - ■ FN23 - ■ ■ F1	
	234	90	6.27	5 360	3.7	48	2KJ3503 - ■ FN23 - ■ ■ E1	
	273	77	5.37	5 140	4.3	48	2KJ3503 - ■ FN23 - ■ ■ D1	
	310	68	4.72	4 960	4.9	48	2KJ3503 - ■ FN23 - ■ ■ C1	
	K.39-LE100ZLSA4P							
	86	240	16.98	3 540	0.9	41	2KJ3504 - ■ FN23 - ■ ■ L1	
	95	220	15.41	3 540	1.0	41	2KJ3504 - ■ FN23 - ■ ■ K1	
	101	205	14.50	3 570	1.1	41	2KJ3504 - ■ FN23 - ■ ■ J1	
	115	183	12.78	3 540	1.2	41	2KJ3504 - ■ FN23 - ■ ■ H1	
	132	159	11.09	3 520	1.4	41	2KJ3504 - ■ FN23 - ■ ■ G1	
	146	144	10.04	3 290	1.3	41	2KJ3504 - ■ FN23 - ■ ■ F1	
	166	126	8.81	3 270	1.4	41	2KJ3504 - ■ FN23 - ■ ■ E1	
	183	115	7.99	3 240	1.5	41	2KJ3504 - ■ FN23 - ■ ■ D1	
	195	108	7.52	3 220	1.6	41	2KJ3504 - ■ FN23 - ■ ■ C1	
	221	95	6.63	3 180	1.7	41	2KJ3504 - ■ FN23 - ■ ■ B1	
	255	82	5.75	3 120	1.8	41	2KJ3504 - ■ FN23 - ■ ■ A1	
	B.39-LE100ZLSA4P							
	67	310	21.90	6 230	0.80	41	2KJ3502 - ■ FN23 - ■ ■ Q1	
	72	290	20.21	6 160	0.86	41	2KJ3502 - ■ FN23 - ■ ■ P1	
	82	255	17.90	6 090	0.97	41	2KJ3502 - ■ FN23 - ■ ■ N1	
	98	210	14.90	5 960	1.2	41	2KJ3502 - ■ FN23 - ■ ■ M1	
	104	200	14.02	5 890	1.2	41	2KJ3502 - ■ FN23 - ■ ■ L1	
	117	180	12.56	5 780	1.4	41	2KJ3502 - ■ FN23 - ■ ■ K1	
	137	153	10.69	5 610	1.6	41	2KJ3502 - ■ FN23 - ■ ■ J1	
	160	132	9.17	5 430	1.7	41	2KJ3502 - ■ FN23 - ■ ■ H1	
	186	113	7.89	5 260	1.9	41	2KJ3502 - ■ FN23 - ■ ■ G1	
	222	95	6.60	5 120	2.1	41	2KJ3502 - ■ FN23 - ■ ■ F1	
	236	89	6.21	5 050	2.2	41	2KJ3502 - ■ FN23 - ■ ■ E1	
	263	80	5.56	4 900	2.5	41	2KJ3502 - ■ FN23 - ■ ■ D1	
	309	68	4.74	4 700	2.9	41	2KJ3502 - ■ FN23 - ■ ■ C1	
	361	58	4.06	4 510	3.4	41	2KJ3502 - ■ FN23 - ■ ■ B1	
	419	50	3.50	4 330	3.8	41	2KJ3502 - ■ FN23 - ■ ■ A1	
	B.29-LE100ZLSA4P							
	154	136	9.51	3 110	0.81	36	2KJ3501 - ■ FN23 - ■ ■ K1	
	178	118	8.25	3 080	0.93	36	2KJ3501 - ■ FN23 - ■ ■ J1	
	225	93	6.51	2 900	0.80	36	2KJ3501 - ■ FN23 - ■ ■ F1	
	259	81	5.65	2 850	0.93	36	2KJ3501 - ■ FN23 - ■ ■ E1	
	289	73	5.07	2 900	1.0	36	2KJ3501 - ■ FN23 - ■ ■ D1	
	306	69	4.78	2 860	1.1	36	2KJ3501 - ■ FN23 - ■ ■ C1	
	348	60	4.21	2 800	1.2	36	2KJ3501 - ■ FN23 - ■ ■ B1	
	401	52	3.65	2 720	1.4	36	2KJ3501 - ■ FN23 - ■ ■ A1	

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Frequency and voltage 2 or 9

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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.169-LE132SH6P							
	4.3	6 590	223.30	70 000	2.0	446	2KJ3514 - ■ HF23 - ■ ■ F2	P01
	K.149-LE132SH6P							
	4.1	7 000	237.03	65 000	1.1	276	2KJ3513 - ■ HF23 - ■ ■ J2	P01
	4.8	5 990	202.86	65 000	1.3	276	2KJ3513 - ■ HF23 - ■ ■ H2	P01
	5.1	5 630	190.92	65 000	1.4	276	2KJ3513 - ■ HF23 - ■ ■ G2	P01
	5.4	5 280	178.97	65 000	1.5	276	2KJ3513 - ■ HF23 - ■ ■ F2	P01
	K.149-LE100ZLSB4P							
	6.1	4 660	237.03	65 000	1.7	253	2KJ3513 - ■ FP23 - ■ ■ J2	
	7.2	3 990	202.86	65 000	2.0	253	2KJ3513 - ■ FP23 - ■ ■ H2	
	7.6	3 750	190.92	65 000	2.1	253	2KJ3513 - ■ FP23 - ■ ■ G2	
	K.129-LE132SH6P							
	5.9	4 880	165.47	37 100	0.90	193	2KJ3512 - ■ HF23 - ■ ■ F2	P01
	K.129-LE100ZLSB4P							
	6.4	4 490	228.30	37 500	0.98	170	2KJ3512 - ■ FP23 - ■ ■ J2	
	6.9	4 150	210.74	37 800	1.1	170	2KJ3512 - ■ FP23 - ■ ■ H2	
	7.5	3 820	194.04	38 200	1.2	170	2KJ3512 - ■ FP23 - ■ ■ G2	
	8.8	3 250	165.47	38 700	1.4	170	2KJ3512 - ■ FP23 - ■ ■ F2	
	K.129-LE100ZLSB4P							
	9.3	3 060	155.74	38 900	1.4	170	2KJ3512 - ■ FP23 - ■ ■ E2	
	10	2 840	144.53	39 100	1.5	170	2KJ3512 - ■ FP23 - ■ ■ D2	
	11	2 510	127.77	39 400	1.7	170	2KJ3512 - ■ FP23 - ■ ■ C2	
	13	2 240	114.06	39 700	2.0	170	2KJ3512 - ■ FP23 - ■ ■ B2	
	14	2 020	102.64	39 900	2.2	170	2KJ3512 - ■ FP23 - ■ ■ A2	
	K.109-LE100ZLSB4P							
	8.2	3 490	177.43	24 500	0.83	119	2KJ3511 - ■ FP23 - ■ ■ F2	
	8.9	3 220	163.78	24 500	0.90	119	2KJ3511 - ■ FP23 - ■ ■ E2	
	9.8	2 930	148.88	24 500	0.99	119	2KJ3511 - ■ FP23 - ■ ■ D2	
	12	2 330	118.65	24 500	1.2	119	2KJ3511 - ■ FP23 - ■ ■ B2	
	12	2 480	126.07	24 500	1.2	119	2KJ3511 - ■ FP23 - ■ ■ C2	
	13	2 150	109.57	24 500	1.3	119	2KJ3511 - ■ FP23 - ■ ■ A2	
	15	1 920	97.49	24 500	1.5	119	2KJ3511 - ■ FP23 - ■ ■ X1	
	17	1 700	86.59	24 500	1.7	119	2KJ3511 - ■ FP23 - ■ ■ W1	
	19	1 520	77.51	24 500	1.9	119	2KJ3511 - ■ FP23 - ■ ■ V1	
	22	1 300	66.26	24 500	2.2	119	2KJ3511 - ■ FP23 - ■ ■ U1	
	K.89-LE100ZLSB4P							
	15	1 850	94.16	18 100	0.86	84	2KJ3510 - ■ FP23 - ■ ■ A2	
	18	1 620	82.25	18 100	0.99	84	2KJ3510 - ■ FP23 - ■ ■ X1	
	20	1 450	73.64	18 100	1.1	84	2KJ3510 - ■ FP23 - ■ ■ W1	
	23	1 260	64.39	18 100	1.3	84	2KJ3510 - ■ FP23 - ■ ■ V1	
	26	1 080	55.27	18 100	1.5	84	2KJ3510 - ■ FP23 - ■ ■ U1	
	30	960	48.85	18 100	1.7	84	2KJ3510 - ■ FP23 - ■ ■ T1	
	35	815	41.54	18 100	1.9	84	2KJ3510 - ■ FP23 - ■ ■ S1	
	37	770	39.29	18 100	2.1	84	2KJ3510 - ■ FP23 - ■ ■ R1	
	44	645	32.96	18 100	2.5	84	2KJ3510 - ■ FP23 - ■ ■ Q1	
	47	610	31.03	18 100	2.6	84	2KJ3510 - ■ FP23 - ■ ■ P1	
	K.79-LE100ZLSB4P							
	30	970	49.31	13 600	0.84	63	2KJ3508 - ■ FP23 - ■ ■ S1	
	35	815	41.60	13 900	0.98	63	2KJ3508 - ■ FP23 - ■ ■ R1	

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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-LE100ZLSB4P							
	40	710	36.26	14 100	1.1	63	2KJ3508 - ■ FP23 - ■ ■ Q1	
	44	645	32.78	14 300	1.3	63	2KJ3508 - ■ FP23 - ■ ■ P1	
	53	535	27.20	14 400	1.5	63	2KJ3508 - ■ FP23 - ■ ■ N1	
	57	500	25.60	14 400	1.6	63	2KJ3508 - ■ FP23 - ■ ■ M1	
	60	475	24.17	14 400	1.6	63	2KJ3508 - ■ FP23 - ■ ■ L1	
	71	405	20.57	14 400	1.8	63	2KJ3508 - ■ FP23 - ■ ■ K1	
	83	345	17.62	14 400	2.1	63	2KJ3508 - ■ FP23 - ■ ■ J1	
	94	305	15.49	14 400	2.3	63	2KJ3508 - ■ FP23 - ■ ■ H1	
	111	255	13.07	14 400	2.6	63	2KJ3508 - ■ FP23 - ■ ■ G1	
	128	220	11.39	14 400	2.9	63	2KJ3508 - ■ FP23 - ■ ■ F1	
	138	205	10.51	14 100	2.2	63	2KJ3508 - ■ FP23 - ■ ■ E1	
	161	177	9.01	13 500	2.5	63	2KJ3508 - ■ FP23 - ■ ■ D1	
	184	156	7.92	13 100	2.9	63	2KJ3508 - ■ FP23 - ■ ■ C1	
	218	132	6.68	12 600	3.5	63	2KJ3508 - ■ FP23 - ■ ■ B1	
	250	115	5.82	12 100	3.8	63	2KJ3508 - ■ FP23 - ■ ■ A1	
	K.69-LE100ZLSB4P							
	43	655	33.48	5 960	0.88	57	2KJ3507 - ■ FP23 - ■ ■ Q1	
	50	575	29.18	6 050	0.97	57	2KJ3507 - ■ FP23 - ■ ■ P1	
	56	510	26.05	6 140	1.2	57	2KJ3507 - ■ FP23 - ■ ■ N1	
	59	480	24.52	6 150	1.2	57	2KJ3507 - ■ FP23 - ■ ■ M1	
	63	455	23.15	6 150	1.3	57	2KJ3507 - ■ FP23 - ■ ■ L1	
	74	385	19.70	6 160	1.4	57	2KJ3507 - ■ FP23 - ■ ■ K1	
	86	330	16.88	6 100	1.6	57	2KJ3507 - ■ FP23 - ■ ■ J1	
	98	290	14.84	6 030	1.8	57	2KJ3507 - ■ FP23 - ■ ■ H1	
	116	245	12.52	5 910	2.0	57	2KJ3507 - ■ FP23 - ■ ■ G1	
	133	215	10.91	5 780	2.2	57	2KJ3507 - ■ FP23 - ■ ■ F1	
	156	184	9.34	5 300	2.0	57	2KJ3507 - ■ FP23 - ■ ■ E1	
	182	158	8.01	5 180	2.3	57	2KJ3507 - ■ FP23 - ■ ■ D1	
	207	139	7.04	5 070	2.6	57	2KJ3507 - ■ FP23 - ■ ■ C1	
	245	117	5.94	4 920	2.9	57	2KJ3507 - ■ FP23 - ■ ■ B1	
	281	102	5.18	4 790	3.2	57	2KJ3507 - ■ FP23 - ■ ■ A1	
	K.49-LE100ZLSB4P							
	55	515	26.30	3 070	0.81	51	2KJ3505 - ■ FP23 - ■ ■ P1	
	62	455	23.28	3 260	0.92	51	2KJ3505 - ■ FP23 - ■ ■ N1	
	75	380	19.38	3 440	1.1	51	2KJ3505 - ■ FP23 - ■ ■ M1	
	80	355	18.24	3 510	1.2	51	2KJ3505 - ■ FP23 - ■ ■ L1	
	89	320	16.34	3 550	1.3	51	2KJ3505 - ■ FP23 - ■ ■ K1	
	105	270	13.91	3 630	1.5	51	2KJ3505 - ■ FP23 - ■ ■ J1	
	122	235	11.93	3 610	1.8	51	2KJ3505 - ■ FP23 - ■ ■ H1	
	142	200	10.27	3 620	2.1	51	2KJ3505 - ■ FP23 - ■ ■ G1	
	149	192	9.75	3 490	1.4	51	2KJ3505 - ■ FP23 - ■ ■ F1	
	158	181	9.18	3 480	1.5	51	2KJ3505 - ■ FP23 - ■ ■ E1	
	177	162	8.22	3 460	1.6	51	2KJ3505 - ■ FP23 - ■ ■ D1	
	208	138	7.00	3 410	1.7	51	2KJ3505 - ■ FP23 - ■ ■ C1	
	242	118	6.00	3 350	1.9	51	2KJ3505 - ■ FP23 - ■ ■ B1	
	281	102	5.17	3 270	2.1	51	2KJ3505 - ■ FP23 - ■ ■ A1	

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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.49-LE100ZLSB4P							
	52	545	27.74	6 070	0.82	48	2KJ3503 - ■ FP23 - ■ ■ T1	
	57	495	25.32	6 110	0.90	48	2KJ3503 - ■ FP23 - ■ ■ S1	
	69	410	21.01	6 110	1.1	48	2KJ3503 - ■ FP23 - ■ ■ R1	
	74	385	19.77	6 100	1.2	48	2KJ3503 - ■ FP23 - ■ ■ Q1	
	78	365	18.67	6 070	1.2	48	2KJ3503 - ■ FP23 - ■ ■ P1	
	92	310	15.89	5 990	1.4	48	2KJ3503 - ■ FP23 - ■ ■ N1	
	107	265	13.61	5 880	1.7	48	2KJ3503 - ■ FP23 - ■ ■ M1	
	122	235	11.97	5 760	1.9	48	2KJ3503 - ■ FP23 - ■ ■ L1	
	144	199	10.10	5 600	2.3	48	2KJ3503 - ■ FP23 - ■ ■ K1	
	165	173	8.80	5 460	2.6	48	2KJ3503 - ■ FP23 - ■ ■ J1	
	176	163	8.29	5 520	2.0	48	2KJ3503 - ■ FP23 - ■ ■ H1	
	187	154	7.80	5 450	2.1	48	2KJ3503 - ■ FP23 - ■ ■ G1	
	197	145	7.37	5 380	2.3	48	2KJ3503 - ■ FP23 - ■ ■ F1	
	232	123	6.27	5 180	2.7	48	2KJ3503 - ■ FP23 - ■ ■ E1	
	271	106	5.37	4 980	3.1	48	2KJ3503 - ■ FP23 - ■ ■ D1	
	308	93	4.72	4 820	3.6	48	2KJ3503 - ■ FP23 - ■ ■ C1	
	366	78	3.98	4 620	4.2	48	2KJ3503 - ■ FP23 - ■ ■ B1	
	419	68	3.47	4 450	4.8	48	2KJ3503 - ■ FP23 - ■ ■ A1	
	K.39-LE100ZLSB4P							
	114	250	12.78	2 950	0.87	41	2KJ3504 - ■ FP23 - ■ ■ H1	
	131	215	11.09	3 020	1.0	41	2KJ3504 - ■ FP23 - ■ ■ G1	
	145	198	10.04	2 730	0.93	41	2KJ3504 - ■ FP23 - ■ ■ F1	
	165	173	8.81	2 790	1.1	41	2KJ3504 - ■ FP23 - ■ ■ E1	
	182	157	7.99	2 810	1.1	41	2KJ3504 - ■ FP23 - ■ ■ D1	
	193	148	7.52	2 820	1.2	41	2KJ3504 - ■ FP23 - ■ ■ C1	
	219	131	6.63	2 810	1.2	41	2KJ3504 - ■ FP23 - ■ ■ B1	
	253	113	5.75	2 810	1.3	41	2KJ3504 - ■ FP23 - ■ ■ A1	
	B.39-LE100ZLSB4P							
	98	290	14.90	5 360	0.85	41	2KJ3502 - ■ FP23 - ■ ■ M1	
	104	275	14.02	5 330	0.91	41	2KJ3502 - ■ FP23 - ■ ■ L1	
	116	245	12.56	5 290	1.0	41	2KJ3502 - ■ FP23 - ■ ■ K1	
	136	210	10.69	5 180	1.1	41	2KJ3502 - ■ FP23 - ■ ■ J1	
	159	181	9.17	5 070	1.3	41	2KJ3502 - ■ FP23 - ■ ■ H1	
	184	155	7.89	4 950	1.4	41	2KJ3502 - ■ FP23 - ■ ■ G1	
	220	130	6.60	4 890	1.5	41	2KJ3502 - ■ FP23 - ■ ■ F1	
	234	122	6.21	4 830	1.6	41	2KJ3502 - ■ FP23 - ■ ■ E1	
	262	109	5.56	4 720	1.8	41	2KJ3502 - ■ FP23 - ■ ■ D1	
	307	93	4.74	4 540	2.1	41	2KJ3502 - ■ FP23 - ■ ■ C1	
	358	80	4.06	4 370	2.5	41	2KJ3502 - ■ FP23 - ■ ■ B1	
	416	69	3.50	4 210	2.8	41	2KJ3502 - ■ FP23 - ■ ■ A1	
	B.29-LE100ZLSB4P							
	346	83	4.21	2 600	0.89	36	2KJ3501 - ■ FP23 - ■ ■ B1	
	399	72	3.65	2 550	1.0	36	2KJ3501 - ■ FP23 - ■ ■ A1	
4	K.169-LE132MJ6P							
	4.3	8 790	223.30	70 000	1.5	451	2KJ3514 - ■ HK23 - ■ ■ F2	P01
	4.7	8 200	208.35	70 000	1.6	451	2KJ3514 - ■ HK23 - ■ ■ E2	P01
	5.2	7 290	185.23	70 000	1.8	451	2KJ3514 - ■ HK23 - ■ ■ D2	P01
	5.8	6 550	166.31	70 000	2.0	451	2KJ3514 - ■ HK23 - ■ ■ C2	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
4	K.149-LE132MJ6P							
	4.1	9 330	237.03	65 000	0.86	281	2KJ3513 - ■ HK23 - ■ ■ J2	P01
	4.8	7 980	202.86	65 000	1.0	281	2KJ3513 - ■ HK23 - ■ ■ H2	P01
	5.1	7 510	190.92	65 000	1.1	281	2KJ3513 - ■ HK23 - ■ ■ G2	P01
	5.4	7 040	178.97	65 000	1.1	281	2KJ3513 - ■ HK23 - ■ ■ F2	P01
	K.149-LE112ZMKB4P							
	6.2	6 200	237.03	65 000	1.3	254	2KJ3513 - ■ GJ23 - ■ ■ J2	
	7.2	5 300	202.86	65 000	1.5	254	2KJ3513 - ■ GJ23 - ■ ■ H2	
	7.6	4 990	190.92	65 000	1.6	254	2KJ3513 - ■ GJ23 - ■ ■ G2	
	8.2	4 680	178.97	65 000	1.7	254	2KJ3513 - ■ GJ23 - ■ ■ F2	
	9.2	4 150	158.65	65 000	1.9	254	2KJ3513 - ■ GJ23 - ■ ■ E2	
	10	3 680	140.93	65 000	2.2	254	2KJ3513 - ■ GJ23 - ■ ■ D2	
	K.129-LE112ZMKB4P							
	6.9	5 510	210.74	36 500	0.80	170	2KJ3512 - ■ GJ23 - ■ ■ H2	
	7.5	5 070	194.04	36 900	0.87	170	2KJ3512 - ■ GJ23 - ■ ■ G2	
	8.8	4 320	165.47	37 700	1.0	170	2KJ3512 - ■ GJ23 - ■ ■ F2	
	9.4	4 070	155.74	37 900	1.1	170	2KJ3512 - ■ GJ23 - ■ ■ E2	
	10	3 780	144.53	38 200	1.2	170	2KJ3512 - ■ GJ23 - ■ ■ D2	
	11	3 340	127.77	38 600	1.3	170	2KJ3512 - ■ GJ23 - ■ ■ C2	
	13	2 980	114.06	39 000	1.5	170	2KJ3512 - ■ GJ23 - ■ ■ B2	
	14	2 680	102.64	39 300	1.6	170	2KJ3512 - ■ GJ23 - ■ ■ A2	
	16	2 330	89.09	39 600	1.9	170	2KJ3512 - ■ GJ23 - ■ ■ X1	
	18	2 090	80.12	39 900	2.1	170	2KJ3512 - ■ GJ23 - ■ ■ W1	
	21	1 830	70.03	40 000	2.4	170	2KJ3512 - ■ GJ23 - ■ ■ V1	
	K.109-LE112ZMKB4P							
	12	3 100	118.65	24 500	0.93	120	2KJ3511 - ■ GJ23 - ■ ■ B2	
	12	3 290	126.07	24 500	0.88	120	2KJ3511 - ■ GJ23 - ■ ■ C2	
	13	2 860	109.57	24 500	1.0	120	2KJ3511 - ■ GJ23 - ■ ■ A2	
	15	2 550	97.49	24 500	1.1	120	2KJ3511 - ■ GJ23 - ■ ■ X1	
	17	2 260	86.59	24 500	1.3	120	2KJ3511 - ■ GJ23 - ■ ■ W1	
	19	2 020	77.51	24 500	1.4	120	2KJ3511 - ■ GJ23 - ■ ■ V1	
	22	1 730	66.26	24 500	1.7	120	2KJ3511 - ■ GJ23 - ■ ■ U1	
	25	1 540	59.17	24 500	1.9	120	2KJ3511 - ■ GJ23 - ■ ■ T1	
	28	1 360	52.29	24 500	2.1	120	2KJ3511 - ■ GJ23 - ■ ■ S1	
	32	1 200	45.89	24 500	2.4	120	2KJ3511 - ■ GJ23 - ■ ■ R1	
	K.89-LE112ZMKB4P							
	20	1 920	73.64	18 100	0.83	84	2KJ3510 - ■ GJ23 - ■ ■ W1	
	23	1 680	64.39	18 100	0.95	84	2KJ3510 - ■ GJ23 - ■ ■ V1	
	26	1 440	55.27	18 100	1.1	84	2KJ3510 - ■ GJ23 - ■ ■ U1	
	30	1 270	48.85	18 100	1.3	84	2KJ3510 - ■ GJ23 - ■ ■ T1	
	35	1 080	41.54	18 100	1.4	84	2KJ3510 - ■ GJ23 - ■ ■ S1	
	37	1 020	39.29	18 100	1.6	84	2KJ3510 - ■ GJ23 - ■ ■ R1	
	44	860	32.96	18 100	1.9	84	2KJ3510 - ■ GJ23 - ■ ■ Q1	
	47	810	31.03	18 100	2.0	84	2KJ3510 - ■ GJ23 - ■ ■ P1	
	51	745	28.46	18 100	2.1	84	2KJ3510 - ■ GJ23 - ■ ■ N1	
	59	650	24.86	18 100	2.5	84	2KJ3510 - ■ GJ23 - ■ ■ M1	
	66	580	22.26	18 100	2.7	84	2KJ3510 - ■ GJ23 - ■ ■ L1	
	75	505	19.46	18 100	3.1	84	2KJ3510 - ■ GJ23 - ■ ■ K1	

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Shaft design

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Frequency and voltage

2 or 9

Gearbox mounting type

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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-LE112ZMKB4P							
	139	275	10.51	18 100	3.1	84	2KJ3510 - ■ GJ23 - ■ ■ E1	
	162	235	9.02	18 100	3.4	84	2KJ3510 - ■ GJ23 - ■ ■ D1	
	183	205	7.97	18 000	3.7	84	2KJ3510 - ■ GJ23 - ■ ■ C1	
	215	177	6.78	17 300	4.1	84	2KJ3510 - ■ GJ23 - ■ ■ B1	
	251	152	5.81	16 600	4.4	84	2KJ3510 - ■ GJ23 - ■ ■ A1	
	K.79-LE112ZMKB4P							
	40	945	36.26	13 700	0.81	64	2KJ3508 - ■ GJ23 - ■ ■ Q1	
	45	855	32.78	13 900	0.96	64	2KJ3508 - ■ GJ23 - ■ ■ P1	
	54	710	27.20	14 100	1.1	64	2KJ3508 - ■ GJ23 - ■ ■ N1	
	57	670	25.60	14 200	1.2	64	2KJ3508 - ■ GJ23 - ■ ■ M1	
	60	630	24.17	14 300	1.2	64	2KJ3508 - ■ GJ23 - ■ ■ L1	
	71	535	20.57	14 400	1.4	64	2KJ3508 - ■ GJ23 - ■ ■ K1	
	83	460	17.62	14 400	1.6	64	2KJ3508 - ■ GJ23 - ■ ■ J1	
	94	405	15.49	14 400	1.7	64	2KJ3508 - ■ GJ23 - ■ ■ H1	
	112	340	13.07	14 400	1.9	64	2KJ3508 - ■ GJ23 - ■ ■ G1	
	128	295	11.39	14 000	2.2	64	2KJ3508 - ■ GJ23 - ■ ■ F1	
	139	275	10.51	13 600	1.6	64	2KJ3508 - ■ GJ23 - ■ ■ E1	
	162	235	9.01	13 200	1.9	64	2KJ3508 - ■ GJ23 - ■ ■ D1	
	184	205	7.92	12 800	2.2	64	2KJ3508 - ■ GJ23 - ■ ■ C1	
	219	175	6.68	12 300	2.6	64	2KJ3508 - ■ GJ23 - ■ ■ B1	
	251	152	5.82	11 900	2.8	64	2KJ3508 - ■ GJ23 - ■ ■ A1	
	K.69-LE112ZMKB4P							
	56	680	26.05	4 910	0.88	58	2KJ3507 - ■ GJ23 - ■ ■ N1	
	60	640	24.52	5 000	0.93	58	2KJ3507 - ■ GJ23 - ■ ■ M1	
	63	605	23.15	5 070	0.97	58	2KJ3507 - ■ GJ23 - ■ ■ L1	
	74	515	19.70	5 220	1.1	58	2KJ3507 - ■ GJ23 - ■ ■ K1	
	86	440	16.88	5 310	1.2	58	2KJ3507 - ■ GJ23 - ■ ■ J1	
	98	385	14.84	5 350	1.3	58	2KJ3507 - ■ GJ23 - ■ ■ H1	
	117	325	12.52	5 330	1.5	58	2KJ3507 - ■ GJ23 - ■ ■ G1	
	134	285	10.91	5 270	1.6	58	2KJ3507 - ■ GJ23 - ■ ■ F1	
	156	240	9.34	4 790	1.5	58	2KJ3507 - ■ GJ23 - ■ ■ E1	
	182	210	8.01	4 710	1.7	58	2KJ3507 - ■ GJ23 - ■ ■ D1	
	207	184	7.04	4 660	2.0	58	2KJ3507 - ■ GJ23 - ■ ■ C1	
	246	155	5.94	4 570	2.2	58	2KJ3507 - ■ GJ23 - ■ ■ B1	
	282	136	5.18	4 480	2.4	58	2KJ3507 - ■ GJ23 - ■ ■ A1	
	K.49-LE112ZMKB4P							
	75	505	19.38	2 460	0.83	52	2KJ3505 - ■ GJ23 - ■ ■ M1	
	80	475	18.24	2 560	0.88	52	2KJ3505 - ■ GJ23 - ■ ■ L1	
	89	425	16.34	2 730	0.98	52	2KJ3505 - ■ GJ23 - ■ ■ K1	
	105	360	13.91	2 920	1.2	52	2KJ3505 - ■ GJ23 - ■ ■ J1	
	122	310	11.93	3 020	1.3	52	2KJ3505 - ■ GJ23 - ■ ■ H1	
	142	265	10.27	3 110	1.5	52	2KJ3505 - ■ GJ23 - ■ ■ G1	
	150	255	9.75	2 960	1.1	52	2KJ3505 - ■ GJ23 - ■ ■ F1	
	159	240	9.18	2 980	1.1	52	2KJ3505 - ■ GJ23 - ■ ■ E1	
	178	215	8.22	3 010	1.2	52	2KJ3505 - ■ GJ23 - ■ ■ D1	
	209	183	7.00	3 030	1.3	52	2KJ3505 - ■ GJ23 - ■ ■ C1	
	243	157	6.00	3 020	1.4	52	2KJ3505 - ■ GJ23 - ■ ■ B1	
	282	135	5.17	2 990	1.6	52	2KJ3505 - ■ GJ23 - ■ ■ A1	

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Shaft design

1, 5, 6, 7 or 9

Frequency and voltage

2 or 9

Gearbox mounting type

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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.49-LE112ZMKB4P							
	69	550	21.01	5 170	0.82	49	2KJ3503 - ■ GJ23 - ■ ■ R1	
	74	515	19.77	5 230	0.87	49	2KJ3503 - ■ GJ23 - ■ ■ Q1	
	78	485	18.67	5 260	0.92	49	2KJ3503 - ■ GJ23 - ■ ■ P1	
	92	415	15.89	5 280	1.1	49	2KJ3503 - ■ GJ23 - ■ ■ N1	
	107	355	13.61	5 280	1.3	49	2KJ3503 - ■ GJ23 - ■ ■ M1	
	122	310	11.97	5 250	1.4	49	2KJ3503 - ■ GJ23 - ■ ■ L1	
	145	260	10.10	5 180	1.7	49	2KJ3503 - ■ GJ23 - ■ ■ K1	
	166	230	8.80	5 070	2.0	49	2KJ3503 - ■ GJ23 - ■ ■ J1	
	176	215	8.29	5 210	1.5	49	2KJ3503 - ■ GJ23 - ■ ■ H1	
	187	200	7.80	5 170	1.6	49	2KJ3503 - ■ GJ23 - ■ ■ G1	
	198	193	7.37	5 090	1.7	49	2KJ3503 - ■ GJ23 - ■ ■ F1	
	233	164	6.27	4 930	2.0	49	2KJ3503 - ■ GJ23 - ■ ■ E1	
	272	141	5.37	4 770	2.3	49	2KJ3503 - ■ GJ23 - ■ ■ D1	
	309	123	4.72	4 640	2.7	49	2KJ3503 - ■ GJ23 - ■ ■ C1	
	367	104	3.98	4 460	3.2	49	2KJ3503 - ■ GJ23 - ■ ■ B1	
	421	91	3.47	4 310	3.6	49	2KJ3503 - ■ GJ23 - ■ ■ A1	
	K.39-LE112ZMKB4P							
	183	205	7.99	2 300	0.84	45	2KJ3504 - ■ GJ23 - ■ ■ D1	
	194	197	7.52	2 300	0.87	45	2KJ3504 - ■ GJ23 - ■ ■ C1	
	220	173	6.63	2 370	0.93	45	2KJ3504 - ■ GJ23 - ■ ■ B1	
	254	150	5.75	2 420	1.0	45	2KJ3504 - ■ GJ23 - ■ ■ A1	
	B.39-LE112ZMKB4P							
	137	280	10.69	4 640	0.86	44	2KJ3502 - ■ GJ23 - ■ ■ J1	
	159	240	9.17	4 600	0.96	44	2KJ3502 - ■ GJ23 - ■ ■ H1	
	185	205	7.89	4 560	1.1	44	2KJ3502 - ■ GJ23 - ■ ■ G1	
	221	173	6.60	4 580	1.2	44	2KJ3502 - ■ GJ23 - ■ ■ F1	
	235	162	6.21	4 550	1.2	44	2KJ3502 - ■ GJ23 - ■ ■ E1	
	263	145	5.56	4 460	1.4	44	2KJ3502 - ■ GJ23 - ■ ■ D1	
	308	124	4.74	4 320	1.6	44	2KJ3502 - ■ GJ23 - ■ ■ C1	
	360	106	4.06	4 180	1.9	44	2KJ3502 - ■ GJ23 - ■ ■ B1	
	417	92	3.50	4 040	2.1	44	2KJ3502 - ■ GJ23 - ■ ■ A1	
5.5	K.189-LE132ZMS6P							
	4.9	10 800	199.51	104 000	1.8	683	2KJ3515 - ■ HL23 - ■ ■ W1	P01
	5.4	9 660	178.49	104 000	2.0	683	2KJ3515 - ■ HL23 - ■ ■ V1	P01
	K.169-LE132ZMS6P							
	4.3	12 000	223.30	70 000	1.1	453	2KJ3514 - ■ HL23 - ■ ■ F2	P01
	4.7	11 200	208.35	70 000	1.2	453	2KJ3514 - ■ HL23 - ■ ■ E2	P01
	5.2	10 000	185.23	70 000	1.3	453	2KJ3514 - ■ HL23 - ■ ■ D2	P01
	5.8	9 000	166.31	70 000	1.4	453	2KJ3514 - ■ HL23 - ■ ■ C2	P01
	6.4	8 150	150.55	70 000	1.6	453	2KJ3514 - ■ HL23 - ■ ■ B2	P01
	6.6	8 000	223.30	70 000	1.6	453	2KJ3514 - ■ HJ23 - ■ ■ F2	P01
	7.0	7 470	208.35	70 000	1.7	453	2KJ3514 - ■ HJ23 - ■ ■ E2	P01
	7.9	6 640	185.23	70 000	2.0	453	2KJ3514 - ■ HJ23 - ■ ■ D2	P01
	K.149-LE132ZMS6P							
	5.4	9 690	178.97	65 000	0.83	283	2KJ3513 - ■ HL23 - ■ ■ F2	P01
	K.149-LE132ZST4P							
	6.2	8 490	237.03	65 000	0.94	283	2KJ3513 - ■ HJ23 - ■ ■ J2	
	7.2	7 270	202.86	65 000	1.1	283	2KJ3513 - ■ HJ23 - ■ ■ H2	

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Shaft design

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Frequency and voltage

2 or 9

Gearbox mounting type

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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.149-LE132ZST4P							
	7.7	6 840	190.92	65 000	1.2	283	2KJ3513 - ■ HJ23 - ■ ■ G2	
	8.2	6 410	178.97	65 000	1.2	283	2KJ3513 - ■ HJ23 - ■ ■ F2	
	9.2	5 680	158.65	65 000	1.4	283	2KJ3513 - ■ HJ23 - ■ ■ E2	
	10	5 050	140.93	65 000	1.6	283	2KJ3513 - ■ HJ23 - ■ ■ D2	
	12	4 550	127.16	65 000	1.8	283	2KJ3513 - ■ HJ23 - ■ ■ C2	
	13	4 040	112.68	65 000	2.0	283	2KJ3513 - ■ HJ23 - ■ ■ B2	
	15	3 570	99.79	65 000	2.2	283	2KJ3513 - ■ HJ23 - ■ ■ A2	
	K.129-LE132ZST4P							
	10	5 180	144.53	36 800	0.85	200	2KJ3512 - ■ HJ23 - ■ ■ D2	
	11	4 580	127.77	37 400	0.96	200	2KJ3512 - ■ HJ23 - ■ ■ C2	
	13	4 080	114.06	37 900	1.1	200	2KJ3512 - ■ HJ23 - ■ ■ B2	
	14	3 680	102.64	38 300	1.2	200	2KJ3512 - ■ HJ23 - ■ ■ A2	
	16	3 190	89.09	38 800	1.4	200	2KJ3512 - ■ HJ23 - ■ ■ X1	
	18	2 870	80.12	39 100	1.5	200	2KJ3512 - ■ HJ23 - ■ ■ W1	
	21	2 510	70.03	39 400	1.8	200	2KJ3512 - ■ HJ23 - ■ ■ V1	
	23	2 240	62.49	39 700	2.0	200	2KJ3512 - ■ HJ23 - ■ ■ U1	
	27	1 970	55.05	40 000	2.2	200	2KJ3512 - ■ HJ23 - ■ ■ T1	
	30	1 730	48.24	40 000	2.5	200	2KJ3512 - ■ HJ23 - ■ ■ S1	
	K.109-LE132ZST4P							
	15	3 490	97.49	24 500	0.83	151	2KJ3511 - ■ HJ23 - ■ ■ X1	
	17	3 100	86.59	24 500	0.93	151	2KJ3511 - ■ HJ23 - ■ ■ W1	
	19	2 770	77.51	24 500	1.0	151	2KJ3511 - ■ HJ23 - ■ ■ V1	
	22	2 370	66.26	24 500	1.2	151	2KJ3511 - ■ HJ23 - ■ ■ U1	
	25	2 120	59.17	24 500	1.4	151	2KJ3511 - ■ HJ23 - ■ ■ T1	
	28	1 870	52.29	24 500	1.5	151	2KJ3511 - ■ HJ23 - ■ ■ S1	
	32	1 640	45.89	24 500	1.8	151	2KJ3511 - ■ HJ23 - ■ ■ R1	
	37	1 430	39.95	24 500	2.0	151	2KJ3511 - ■ HJ23 - ■ ■ Q1	
	43	1 220	34.15	24 500	2.2	151	2KJ3511 - ■ HJ23 - ■ ■ P1	
	50	1 040	29.23	24 500	2.5	151	2KJ3511 - ■ HJ23 - ■ ■ N1	
	59	895	24.98	24 500	2.7	151	2KJ3511 - ■ HJ23 - ■ ■ M1	
	66	800	22.31	24 500	3.0	151	2KJ3511 - ■ HJ23 - ■ ■ L1	
	140	375	10.45	21 400	3.4	151	2KJ3511 - ■ HJ23 - ■ ■ E1	
	160	325	9.17	20 700	3.9	151	2KJ3511 - ■ HJ23 - ■ ■ D1	
	K.89-LE132ZST4P							
	27	1 980	55.27	18 100	0.81	115	2KJ3510 - ■ HJ23 - ■ ■ U1	
	30	1 750	48.85	18 100	0.91	115	2KJ3510 - ■ HJ23 - ■ ■ T1	
	35	1 480	41.54	18 100	1.1	115	2KJ3510 - ■ HJ23 - ■ ■ S1	
	37	1 400	39.29	18 100	1.1	115	2KJ3510 - ■ HJ23 - ■ ■ R1	
	44	1 180	32.96	18 100	1.4	115	2KJ3510 - ■ HJ23 - ■ ■ Q1	
	47	1 110	31.03	18 100	1.4	115	2KJ3510 - ■ HJ23 - ■ ■ P1	
	51	1 020	28.46	18 100	1.6	115	2KJ3510 - ■ HJ23 - ■ ■ N1	
	59	890	24.86	18 100	1.8	115	2KJ3510 - ■ HJ23 - ■ ■ M1	
	66	795	22.26	18 100	2.0	115	2KJ3510 - ■ HJ23 - ■ ■ L1	
	75	695	19.46	18 100	2.2	115	2KJ3510 - ■ HJ23 - ■ ■ K1	
	88	595	16.71	18 100	2.5	115	2KJ3510 - ■ HJ23 - ■ ■ J1	
	99	530	14.77	18 100	2.7	115	2KJ3510 - ■ HJ23 - ■ ■ H1	
	117	450	12.56	18 100	3.0	115	2KJ3510 - ■ HJ23 - ■ ■ G1	

Article No. supplement

Shaft design

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Gearbox mounting type

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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.89-LE132ZST4P							
	136	385	10.76	18 100	3.2	115	2KJ3510 - ■ HJ23 - ■ ■ F1	
	139	375	10.51	18 100	2.2	115	2KJ3510 - ■ HJ23 - ■ ■ E1	
	162	320	9.02	18 100	2.5	115	2KJ3510 - ■ HJ23 - ■ ■ D1	
	184	285	7.97	17 500	2.7	115	2KJ3510 - ■ HJ23 - ■ ■ C1	
	216	240	6.78	16 900	3.0	115	2KJ3510 - ■ HJ23 - ■ ■ B1	
	252	205	5.81	16 300	3.2	115	2KJ3510 - ■ HJ23 - ■ ■ A1	
	K.79-LE132ZST4P							
	54	975	27.20	13 600	0.82	94	2KJ3508 - ■ HJ23 - ■ ■ N1	
	57	915	25.60	13 700	0.86	94	2KJ3508 - ■ HJ23 - ■ ■ M1	
	61	865	24.17	13 800	0.89	94	2KJ3508 - ■ HJ23 - ■ ■ L1	
	71	735	20.57	14 100	1.0	94	2KJ3508 - ■ HJ23 - ■ ■ K1	
	83	630	17.62	14 300	1.1	94	2KJ3508 - ■ HJ23 - ■ ■ J1	
	95	555	15.49	14 000	1.3	94	2KJ3508 - ■ HJ23 - ■ ■ H1	
	112	465	13.07	13 700	1.4	94	2KJ3508 - ■ HJ23 - ■ ■ G1	
	129	405	11.39	13 300	1.6	94	2KJ3508 - ■ HJ23 - ■ ■ F1	
	139	375	10.51	13 000	1.2	94	2KJ3508 - ■ HJ23 - ■ ■ E1	
	163	320	9.01	12 600	1.4	94	2KJ3508 - ■ HJ23 - ■ ■ D1	
	185	280	7.92	12 300	1.6	94	2KJ3508 - ■ HJ23 - ■ ■ C1	
	219	235	6.68	11 900	1.9	94	2KJ3508 - ■ HJ23 - ■ ■ B1	
	252	205	5.82	11 500	2.1	94	2KJ3508 - ■ HJ23 - ■ ■ A1	
	K.69-LE132ZST4P							
	87	605	16.88	4 120	0.88	88	2KJ3507 - ■ HJ23 - ■ ■ J1	
	99	530	14.84	4 300	0.97	88	2KJ3507 - ■ HJ23 - ■ ■ H1	
	117	445	12.52	4 460	1.1	88	2KJ3507 - ■ HJ23 - ■ ■ G1	
	134	390	10.91	4 510	1.2	88	2KJ3507 - ■ HJ23 - ■ ■ F1	
	157	335	9.34	3 930	1.1	88	2KJ3507 - ■ HJ23 - ■ ■ E1	
	183	285	8.01	4 030	1.3	88	2KJ3507 - ■ HJ23 - ■ ■ D1	
	208	250	7.04	4 060	1.4	88	2KJ3507 - ■ HJ23 - ■ ■ C1	
	247	210	5.94	4 080	1.6	88	2KJ3507 - ■ HJ23 - ■ ■ B1	
	283	186	5.18	4 020	1.8	88	2KJ3507 - ■ HJ23 - ■ ■ A1	
	K.49-LE132ZST4P							
	105	495	13.91	1 860	0.84	82	2KJ3505 - ■ HJ23 - ■ ■ J1	
	123	425	11.93	2 120	0.98	82	2KJ3505 - ■ HJ23 - ■ ■ H1	
	143	365	10.27	2 320	1.1	82	2KJ3505 - ■ HJ23 - ■ ■ G1	
	160	325	9.18	2 270	0.82	82	2KJ3505 - ■ HJ23 - ■ ■ E1	
	178	295	8.22	2 340	0.87	82	2KJ3505 - ■ HJ23 - ■ ■ D1	
	209	250	7.00	2 460	0.96	82	2KJ3505 - ■ HJ23 - ■ ■ C1	
	244	215	6.00	2 530	1.0	82	2KJ3505 - ■ HJ23 - ■ ■ B1	
	283	185	5.17	2 570	1.1	82	2KJ3505 - ■ HJ23 - ■ ■ A1	
	B.49-LE132ZST4P							
	108	485	13.61	4 400	0.92	79	2KJ3503 - ■ HJ23 - ■ ■ M1	
	122	425	11.97	4 480	1.0	79	2KJ3503 - ■ HJ23 - ■ ■ L1	
	145	360	10.10	4 510	1.2	79	2KJ3503 - ■ HJ23 - ■ ■ K1	
	166	315	8.80	4 500	1.4	79	2KJ3503 - ■ HJ23 - ■ ■ J1	
	177	295	8.29	4 730	1.1	79	2KJ3503 - ■ HJ23 - ■ ■ H1	
	188	280	7.80	4 690	1.2	79	2KJ3503 - ■ HJ23 - ■ ■ G1	
	199	260	7.37	4 690	1.2	79	2KJ3503 - ■ HJ23 - ■ ■ 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	B.49-LE132ZST4P							
	234	225	6.27	4 570	1.5	79	2KJ3503 - ■ HJ23 - ■ ■ E1	
	273	193	5.37	4 460	1.7	79	2KJ3503 - ■ HJ23 - ■ ■ D1	
	310	169	4.72	4 360	2.0	79	2KJ3503 - ■ HJ23 - ■ ■ C1	
	368	143	3.98	4 220	2.3	79	2KJ3503 - ■ HJ23 - ■ ■ B1	
	422	124	3.47	4 110	2.6	79	2KJ3503 - ■ HJ23 - ■ ■ A1	
7.5	K.189-LE132ZMS4P							
	7.4	9 720	199.51	104 000	2.0	683	2KJ3515 - ■ HL23 - ■ ■ W1	
	K.169-LE132ZMS4P							
	6.6	10 800	223.30	70 000	1.2	453	2KJ3514 - ■ HL23 - ■ ■ F2	
	7.1	10 100	208.35	70 000	1.3	453	2KJ3514 - ■ HL23 - ■ ■ E2	
	7.9	9 020	185.23	70 000	1.4	453	2KJ3514 - ■ HL23 - ■ ■ D2	
	8.8	8 100	166.31	70 000	1.6	453	2KJ3514 - ■ HL23 - ■ ■ C2	
	9.8	7 330	150.55	70 000	1.8	453	2KJ3514 - ■ HL23 - ■ ■ B2	
	11	6 440	132.24	70 000	2.0	453	2KJ3514 - ■ HL23 - ■ ■ A2	
	12	5 830	119.83	70 000	2.2	453	2KJ3514 - ■ HL23 - ■ ■ X1	
	K.149-LE132ZMS4P							
	7.2	9 880	202.86	65 000	0.81	283	2KJ3513 - ■ HL23 - ■ ■ H2	
	7.7	9 300	190.92	65 000	0.86	283	2KJ3513 - ■ HL23 - ■ ■ G2	
	8.2	8 720	178.97	65 000	0.92	283	2KJ3513 - ■ HL23 - ■ ■ F2	
	9.3	7 730	158.65	65 000	1.0	283	2KJ3513 - ■ HL23 - ■ ■ E2	
	10	6 860	140.93	65 000	1.2	283	2KJ3513 - ■ HL23 - ■ ■ D2	
	12	6 190	127.16	65 000	1.3	283	2KJ3513 - ■ HL23 - ■ ■ C2	
	13	5 490	112.68	65 000	1.5	283	2KJ3513 - ■ HL23 - ■ ■ B2	
	15	4 860	99.79	64 000	1.6	283	2KJ3513 - ■ HL23 - ■ ■ A2	
	17	4 320	88.81	62 900	1.8	283	2KJ3513 - ■ HL23 - ■ ■ X1	
	18	3 870	79.59	61 700	2.1	283	2KJ3513 - ■ HL23 - ■ ■ W1	
	21	3 430	70.56	60 400	2.3	283	2KJ3513 - ■ HL23 - ■ ■ V1	
	K.129-LE132ZMS4P							
	14	5 000	102.64	37 000	0.88	200	2KJ3512 - ■ HL23 - ■ ■ A2	
	17	4 340	89.09	37 700	1.0	200	2KJ3512 - ■ HL23 - ■ ■ X1	
	18	3 900	80.12	38 100	1.1	200	2KJ3512 - ■ HL23 - ■ ■ W1	
	21	3 410	70.03	38 600	1.3	200	2KJ3512 - ■ HL23 - ■ ■ V1	
	24	3 040	62.49	38 900	1.4	200	2KJ3512 - ■ HL23 - ■ ■ U1	
	27	2 680	55.05	39 300	1.6	200	2KJ3512 - ■ HL23 - ■ ■ T1	
	30	2 350	48.24	39 200	1.9	200	2KJ3512 - ■ HL23 - ■ ■ S1	
	35	2 040	42.04	38 300	2.1	200	2KJ3512 - ■ HL23 - ■ ■ R1	
	38	1 870	38.37	37 700	2.4	200	2KJ3512 - ■ HL23 - ■ ■ Q1	
	45	1 600	33.03	36 700	2.7	200	2KJ3512 - ■ HL23 - ■ ■ P1	
	K.109-LE132ZMS4P							
	22	3 220	66.26	24 500	0.9	151	2KJ3511 - ■ HL23 - ■ ■ U1	
	25	2 880	59.17	24 500	1.0	151	2KJ3511 - ■ HL23 - ■ ■ T1	
	28	2 540	52.29	24 500	1.1	151	2KJ3511 - ■ HL23 - ■ ■ S1	
	32	2 230	45.89	24 500	1.3	151	2KJ3511 - ■ HL23 - ■ ■ R1	
	37	1 940	39.95	24 500	1.4	151	2KJ3511 - ■ HL23 - ■ ■ Q1	
	43	1 660	34.15	24 500	1.6	151	2KJ3511 - ■ HL23 - ■ ■ P1	
	50	1 420	29.23	24 500	1.8	151	2KJ3511 - ■ HL23 - ■ ■ N1	
	59	1 210	24.98	24 500	2	151	2KJ3511 - ■ HL23 - ■ ■ M1	
	66	1 080	22.31	24 500	2.2	151	2KJ3511 - ■ HL23 - ■ ■ L1	

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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.109-LE132ZMS4P							
	75	960	19.71	24 200	2.5	151	2KJ3511 - ■ HL23 - ■ ■ K1	
	85	840	17.30	23 600	2.8	151	2KJ3511 - ■ HL23 - ■ ■ J1	
	98	730	15.06	22 900	3.1	151	2KJ3511 - ■ HL23 - ■ ■ H1	
	114	625	12.87	22 100	3.5	151	2KJ3511 - ■ HL23 - ■ ■ G1	
	141	505	10.45	20 800	2.5	151	2KJ3511 - ■ HL23 - ■ ■ E1	
	160	445	9.17	20 200	2.8	151	2KJ3511 - ■ HL23 - ■ ■ D1	
	184	385	7.99	19 500	3.3	151	2KJ3511 - ■ HL23 - ■ ■ C1	
	215	330	6.83	18 800	3.9	151	2KJ3511 - ■ HL23 - ■ ■ B1	
	252	285	5.84	18 100	4.6	151	2KJ3511 - ■ HL23 - ■ ■ A1	
	K.89-LE132ZMS4P							
	37	1 910	39.29	18 100	0.84	115	2KJ3510 - ■ HL23 - ■ ■ R1	
	45	1 600	32.96	18 100	1.0	115	2KJ3510 - ■ HL23 - ■ ■ Q1	
	47	1 510	31.03	18 100	1.1	115	2KJ3510 - ■ HL23 - ■ ■ P1	
	52	1 380	28.46	18 100	1.2	115	2KJ3510 - ■ HL23 - ■ ■ N1	
	59	1 210	24.86	18 100	1.3	115	2KJ3510 - ■ HL23 - ■ ■ M1	
	66	1 080	22.26	18 100	1.5	115	2KJ3510 - ■ HL23 - ■ ■ L1	
	76	945	19.46	18 100	1.6	115	2KJ3510 - ■ HL23 - ■ ■ K1	
	88	810	16.71	18 100	1.8	115	2KJ3510 - ■ HL23 - ■ ■ J1	
	100	720	14.77	18 100	2.0	115	2KJ3510 - ■ HL23 - ■ ■ H1	
	117	610	12.56	18 100	2.2	115	2KJ3510 - ■ HL23 - ■ ■ G1	
	137	520	10.76	18 100	2.4	115	2KJ3510 - ■ HL23 - ■ ■ F1	
	140	510	10.51	17 900	1.7	115	2KJ3510 - ■ HL23 - ■ ■ E1	
	163	435	9.02	17 400	1.8	115	2KJ3510 - ■ HL23 - ■ ■ D1	
	184	385	7.97	16 900	2.0	115	2KJ3510 - ■ HL23 - ■ ■ C1	
	217	330	6.78	16 400	2.2	115	2KJ3510 - ■ HL23 - ■ ■ B1	
	253	280	5.81	15 800	2.4	115	2KJ3510 - ■ HL23 - ■ ■ A1	
	K.79-LE132ZMS4P							
	83	855	17.62	12 900	0.83	94	2KJ3508 - ■ HL23 - ■ ■ J1	
	95	755	15.49	12 800	0.92	94	2KJ3508 - ■ HL23 - ■ ■ H1	
	112	635	13.07	12 700	1.0	94	2KJ3508 - ■ HL23 - ■ ■ G1	
	129	555	11.39	12 500	1.2	94	2KJ3508 - ■ HL23 - ■ ■ F1	
	140	510	10.51	12 100	0.87	94	2KJ3508 - ■ HL23 - ■ ■ E1	
	163	435	9.01	11 900	1.0	94	2KJ3508 - ■ HL23 - ■ ■ D1	
	186	385	7.92	11 600	1.2	94	2KJ3508 - ■ HL23 - ■ ■ C1	
	220	325	6.68	11 300	1.4	94	2KJ3508 - ■ HL23 - ■ ■ B1	
	253	280	5.82	11 100	1.5	94	2KJ3508 - ■ HL23 - ■ ■ A1	
	K.69-LE132ZMS4P							
	117	610	12.52	3 280	0.80	88	2KJ3507 - ■ HL23 - ■ ■ G1	
	135	530	10.91	3 510	0.88	88	2KJ3507 - ■ HL23 - ■ ■ F1	
	157	455	9.34	2 850	0.81	88	2KJ3507 - ■ HL23 - ■ ■ E1	
	184	390	8.01	3 080	0.94	88	2KJ3507 - ■ HL23 - ■ ■ D1	
	209	340	7.04	3 250	1.1	88	2KJ3507 - ■ HL23 - ■ ■ C1	
	247	285	5.94	3 400	1.2	88	2KJ3507 - ■ HL23 - ■ ■ B1	
	284	250	5.18	3 440	1.3	88	2KJ3507 - ■ HL23 - ■ ■ A1	
	K.49-LE132ZMS4P							
	143	500	10.27	1 260	0.83	82	2KJ3505 - ■ HL23 - ■ ■ G1	
	284	250	5.17	2 020	0.83	82	2KJ3505 - ■ HL23 - ■ ■ 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
7.5	B.49-LE132ZMS4P							
	146	490	10.10	3 640	0.91	79	2KJ3503 - ■ HL23 - ■ ■ K1	
	167	425	8.80	3 760	1.0	79	2KJ3503 - ■ HL23 - ■ ■ J1	
	177	400	8.29	4 100	0.82	79	2KJ3503 - ■ HL23 - ■ ■ H1	
	188	380	7.80	4 090	0.87	79	2KJ3503 - ■ HL23 - ■ ■ G1	
	199	355	7.37	4 120	0.92	79	2KJ3503 - ■ HL23 - ■ ■ F1	
	234	305	6.27	4 090	1.1	79	2KJ3503 - ■ HL23 - ■ ■ E1	
	274	260	5.37	4 060	1.3	79	2KJ3503 - ■ HL23 - ■ ■ D1	
	311	230	4.72	4 000	1.4	79	2KJ3503 - ■ HL23 - ■ ■ C1	
	369	194	3.98	3 920	1.7	79	2KJ3503 - ■ HL23 - ■ ■ B1	
	424	169	3.47	3 840	1.9	79	2KJ3503 - ■ HL23 - ■ ■ A1	
9.2	K.189-LE160MPA4P							
	7.4	11 900	199.51	104 000	1.6	700	2KJ3515 - ■ JQ23 - ■ ■ W1	
	8.2	10 600	178.49	104 000	1.8	700	2KJ3515 - ■ JQ23 - ■ ■ V1	
	9.1	9 620	160.98	104 000	2.0	700	2KJ3515 - ■ JQ23 - ■ ■ U1	
	K.169-LE160MPA4P							
	6.6	13 300	223.30	70 000	0.97	469	2KJ3514 - ■ JQ23 - ■ ■ F2	
	7.1	12 400	208.35	70 000	1.0	469	2KJ3514 - ■ JQ23 - ■ ■ E2	
	7.9	11 000	185.23	70 000	1.2	469	2KJ3514 - ■ JQ23 - ■ ■ D2	
	8.8	9 940	166.31	70 000	1.3	469	2KJ3514 - ■ JQ23 - ■ ■ C2	
	9.8	8 990	150.55	70 000	1.4	469	2KJ3514 - ■ JQ23 - ■ ■ B2	
	11	7 900	132.24	70 000	1.6	469	2KJ3514 - ■ JQ23 - ■ ■ A2	
	12	7 160	119.83	70 000	1.8	469	2KJ3514 - ■ JQ23 - ■ ■ X1	
	14	6 370	106.72	70 000	2.0	469	2KJ3514 - ■ JQ23 - ■ ■ W1	
	K.149-LE160MPA4P							
	9.3	9 480	158.65	62 700	0.84	301	2KJ3513 - ■ JQ23 - ■ ■ E2	
	10	8 420	140.93	62 600	0.95	301	2KJ3513 - ■ JQ23 - ■ ■ D2	
	12	7 600	127.16	62 200	1.1	301	2KJ3513 - ■ JQ23 - ■ ■ C2	
	13	6 730	112.68	61 700	1.2	301	2KJ3513 - ■ JQ23 - ■ ■ B2	
	15	5 960	99.79	61 000	1.3	301	2KJ3513 - ■ JQ23 - ■ ■ A2	
	17	5 300	88.81	60 100	1.5	301	2KJ3513 - ■ JQ23 - ■ ■ X1	
	18	4 750	79.59	59 200	1.7	301	2KJ3513 - ■ JQ23 - ■ ■ W1	
	21	4 210	70.56	58 200	1.9	301	2KJ3513 - ■ JQ23 - ■ ■ V1	
	24	3 720	62.28	57 000	2.1	301	2KJ3513 - ■ JQ23 - ■ ■ U1	
	27	3 270	54.76	55 700	2.4	301	2KJ3513 - ■ JQ23 - ■ ■ T1	
	K.129-LE160MPA4P							
	17	5 320	89.09	36 700	0.83	218	2KJ3512 - ■ JQ23 - ■ ■ X1	
	18	4 780	80.12	37 200	0.92	218	2KJ3512 - ■ JQ23 - ■ ■ W1	
	21	4 180	70.03	37 800	1.1	218	2KJ3512 - ■ JQ23 - ■ ■ V1	
	24	3 730	62.49	38 200	1.2	218	2KJ3512 - ■ JQ23 - ■ ■ U1	
	27	3 290	55.05	37 900	1.3	218	2KJ3512 - ■ JQ23 - ■ ■ T1	
	30	2 880	48.24	37 400	1.5	218	2KJ3512 - ■ JQ23 - ■ ■ S1	
	35	2 510	42.04	36 700	1.8	218	2KJ3512 - ■ JQ23 - ■ ■ R1	
	38	2 290	38.37	36 300	1.9	218	2KJ3512 - ■ JQ23 - ■ ■ Q1	
	45	1 970	33.03	35 400	2.2	218	2KJ3512 - ■ JQ23 - ■ ■ P1	
	47	1 880	31.55	35 200	2.3	218	2KJ3512 - ■ JQ23 - ■ ■ N1	
	53	1 640	27.58	34 300	2.7	218	2KJ3512 - ■ JQ23 - ■ ■ M1	
	60	1 470	24.61	33 600	3.0	218	2KJ3512 - ■ JQ23 - ■ ■ L1	

Article No. supplement

Shaft design

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Frequency and voltage

2 or 9

Gearbox mounting type

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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.109-LE160MPA4P							
	25	3 530	59.17	24 500	0.82	170	2KJ3511 - ■ JQ23 - ■ ■ T1	
	28	3 120	52.29	24 500	0.93	170	2KJ3511 - ■ JQ23 - ■ ■ S1	
	32	2 740	45.89	24 500	1.1	170	2KJ3511 - ■ JQ23 - ■ ■ R1	
	37	2 380	39.95	24 500	1.2	170	2KJ3511 - ■ JQ23 - ■ ■ Q1	
	43	2 040	34.15	24 500	1.3	170	2KJ3511 - ■ JQ23 - ■ ■ P1	
	50	1 740	29.23	24 500	1.5	170	2KJ3511 - ■ JQ23 - ■ ■ N1	
	59	1 490	24.98	24 200	1.6	170	2KJ3511 - ■ JQ23 - ■ ■ M1	
	66	1 330	22.31	23 900	1.8	170	2KJ3511 - ■ JQ23 - ■ ■ L1	
	75	1 170	19.71	23 400	2.0	170	2KJ3511 - ■ JQ23 - ■ ■ K1	
	85	1 030	17.30	22 900	2.3	170	2KJ3511 - ■ JQ23 - ■ ■ J1	
	98	900	15.06	22 300	2.6	170	2KJ3511 - ■ JQ23 - ■ ■ H1	
	114	765	12.87	21 600	2.9	170	2KJ3511 - ■ JQ23 - ■ ■ G1	
	133	655	11.02	20 900	3.2	170	2KJ3511 - ■ JQ23 - ■ ■ F1	
	141	625	10.45	20 300	2.0	170	2KJ3511 - ■ JQ23 - ■ ■ E1	
	160	545	9.17	19 800	2.3	170	2KJ3511 - ■ JQ23 - ■ ■ D1	
	184	475	7.99	19 200	2.7	170	2KJ3511 - ■ JQ23 - ■ ■ C1	
	215	405	6.83	18 500	3.2	170	2KJ3511 - ■ JQ23 - ■ ■ B1	
	252	345	5.84	17 800	3.7	170	2KJ3511 - ■ JQ23 - ■ ■ A1	
	K.89-LE160MPA4P							
	45	1 970	32.96	18 100	0.81	133	2KJ3510 - ■ JQ23 - ■ ■ Q1	
	47	1 850	31.03	18 100	0.86	133	2KJ3510 - ■ JQ23 - ■ ■ P1	
	52	1 700	28.46	18 100	0.94	133	2KJ3510 - ■ JQ23 - ■ ■ N1	
	59	1 480	24.86	18 100	1.1	133	2KJ3510 - ■ JQ23 - ■ ■ M1	
	66	1 330	22.26	18 100	1.2	133	2KJ3510 - ■ JQ23 - ■ ■ L1	
	76	1 160	19.46	18 100	1.3	133	2KJ3510 - ■ JQ23 - ■ ■ K1	
	88	995	16.71	18 100	1.5	133	2KJ3510 - ■ JQ23 - ■ ■ J1	
	100	880	14.77	18 100	1.6	133	2KJ3510 - ■ JQ23 - ■ ■ H1	
	117	750	12.56	18 100	1.8	133	2KJ3510 - ■ JQ23 - ■ ■ G1	
	137	640	10.76	18 000	1.9	133	2KJ3510 - ■ JQ23 - ■ ■ F1	
	140	625	10.51	17 200	1.3	133	2KJ3510 - ■ JQ23 - ■ ■ E1	
	163	535	9.02	16 800	1.5	133	2KJ3510 - ■ JQ23 - ■ ■ D1	
	184	475	7.97	16 400	1.6	133	2KJ3510 - ■ JQ23 - ■ ■ C1	
	217	405	6.78	15 900	1.8	133	2KJ3510 - ■ JQ23 - ■ ■ B1	
	253	345	5.81	15 400	1.9	133	2KJ3510 - ■ JQ23 - ■ ■ A1	
11	K.189-LE160MPB4P							
	7.4	14 200	199.51	104 000	1.3	692	2KJ3515 - ■ JR23 - ■ ■ W1	
	8.3	12 700	178.49	104 000	1.5	692	2KJ3515 - ■ JR23 - ■ ■ V1	
	9.2	11 400	160.98	104 000	1.7	692	2KJ3515 - ■ JR23 - ■ ■ U1	
	10	10 100	142.28	104 000	1.9	692	2KJ3515 - ■ JR23 - ■ ■ T1	
	11	9 260	130.05	104 000	2.1	692	2KJ3515 - ■ JR23 - ■ ■ S1	
	K.169-LE160MPB4P							
	6.6	15 900	223.30	70 000	0.82	461	2KJ3514 - ■ JR23 - ■ ■ F2	
	7.1	14 800	208.35	70 000	0.88	461	2KJ3514 - ■ JR23 - ■ ■ E2	
	8	13 100	185.23	70 000	0.99	461	2KJ3514 - ■ JR23 - ■ ■ D2	
	8.9	11 800	166.31	70 000	1.1	461	2KJ3514 - ■ JR23 - ■ ■ C2	
	9.8	10 700	150.55	70 000	1.2	461	2KJ3514 - ■ JR23 - ■ ■ B2	
	11	9 410	132.24	70 000	1.4	461	2KJ3514 - ■ JR23 - ■ ■ A2	

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
11	K.169-LE160MPB4P							
	12	8 530	119.83	70 000	1.5	461	2KJ3514 - ■ JR23 - ■ ■ X1	
	14	7 600	106.72	70 000	1.7	461	2KJ3514 - ■ JR23 - ■ ■ W1	
	15	6 820	95.83	70 000	1.9	461	2KJ3514 - ■ JR23 - ■ ■ V1	
	17	6 090	85.51	70 000	2.1	461	2KJ3514 - ■ JR23 - ■ ■ U1	
	K.149-LE160MPB4P							
	10	10 000	140.93	58 100	0.80	293	2KJ3513 - ■ JR23 - ■ ■ D2	
	12	9 050	127.16	58 100	0.88	293	2KJ3513 - ■ JR23 - ■ ■ C2	
	13	8 020	112.68	58 000	1.0	293	2KJ3513 - ■ JR23 - ■ ■ B2	
	15	7 100	99.79	57 700	1.1	293	2KJ3513 - ■ JR23 - ■ ■ A2	
	17	6 320	88.81	57 200	1.3	293	2KJ3513 - ■ JR23 - ■ ■ X1	
	19	5 660	79.59	56 600	1.4	293	2KJ3513 - ■ JR23 - ■ ■ W1	
	21	5 020	70.56	55 900	1.6	293	2KJ3513 - ■ JR23 - ■ ■ V1	
	24	4 430	62.28	54 900	1.8	293	2KJ3513 - ■ JR23 - ■ ■ U1	
	27	3 900	54.76	53 900	2.1	293	2KJ3513 - ■ JR23 - ■ ■ T1	
	30	3 530	49.60	53 000	2.3	293	2KJ3513 - ■ JR23 - ■ ■ S1	
	34	3 070	43.18	51 700	2.6	293	2KJ3513 - ■ JR23 - ■ ■ R1	
	K.129-LE160MPB4P							
	21	4 980	70.03	35 800	0.88	210	2KJ3512 - ■ JR23 - ■ ■ V1	
	24	4 450	62.49	35 800	0.99	210	2KJ3512 - ■ JR23 - ■ ■ U1	
	27	3 920	55.05	35 700	1.1	210	2KJ3512 - ■ JR23 - ■ ■ T1	
	31	3 430	48.24	35 500	1.3	210	2KJ3512 - ■ JR23 - ■ ■ S1	
	35	2 990	42.04	35 100	1.5	210	2KJ3512 - ■ JR23 - ■ ■ R1	
	38	2 730	38.37	34 700	1.6	210	2KJ3512 - ■ JR23 - ■ ■ Q1	
	45	2 350	33.03	34 100	1.9	210	2KJ3512 - ■ JR23 - ■ ■ P1	
	47	2 240	31.55	33 900	2.0	210	2KJ3512 - ■ JR23 - ■ ■ N1	
	53	1 960	27.58	33 200	2.2	210	2KJ3512 - ■ JR23 - ■ ■ M1	
	60	1 750	24.61	32 600	2.5	210	2KJ3512 - ■ JR23 - ■ ■ L1	
	68	1 540	21.68	31 800	2.8	210	2KJ3512 - ■ JR23 - ■ ■ K1	
	78	1 350	19.00	31 100	3.1	210	2KJ3512 - ■ JR23 - ■ ■ J1	
	89	1 170	16.56	30 200	3.4	210	2KJ3512 - ■ JR23 - ■ ■ H1	
	125	840	11.80	28 000	3.4	210	2KJ3512 - ■ JR23 - ■ ■ E1	
	143	735	10.34	27 200	3.9	210	2KJ3512 - ■ JR23 - ■ ■ D1	
	K.109-LE160MPB4P							
	32	3 260	45.89	23 500	0.89	162	2KJ3511 - ■ JR23 - ■ ■ R1	
	37	2 840	39.95	23 600	0.99	162	2KJ3511 - ■ JR23 - ■ ■ Q1	
	43	2 430	34.15	23 600	1.1	162	2KJ3511 - ■ JR23 - ■ ■ P1	
	50	2 080	29.23	23 400	1.3	162	2KJ3511 - ■ JR23 - ■ ■ N1	
	59	1 770	24.98	23 200	1.3	162	2KJ3511 - ■ JR23 - ■ ■ M1	
	66	1 580	22.31	22 900	1.5	162	2KJ3511 - ■ JR23 - ■ ■ L1	
	75	1 400	19.71	22 500	1.7	162	2KJ3511 - ■ JR23 - ■ ■ K1	
	85	1 230	17.30	22 100	1.9	162	2KJ3511 - ■ JR23 - ■ ■ J1	
	98	1 070	15.06	21 600	2.2	162	2KJ3511 - ■ JR23 - ■ ■ H1	
	115	915	12.87	21 000	2.4	162	2KJ3511 - ■ JR23 - ■ ■ G1	
	134	785	11.02	20 400	2.7	162	2KJ3511 - ■ JR23 - ■ ■ F1	
	141	740	10.45	19 800	1.7	162	2KJ3511 - ■ JR23 - ■ ■ E1	
	161	650	9.17	19 300	1.9	162	2KJ3511 - ■ JR23 - ■ ■ D1	
	185	565	7.99	18 800	2.2	162	2KJ3511 - ■ JR23 - ■ ■ 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
11	K.109-LE160MPB4P							
	216	485	6.83	18 100	2.7	162	2KJ3511 - ■ JR23 - ■ ■ B1	
	253	415	5.84	17 500	3.1	162	2KJ3511 - ■ JR23 - ■ ■ A1	
	K.89-LE160MPB4P							
	59	1 770	24.86	18 100	0.9	125	2KJ3510 - ■ JR23 - ■ ■ M1	
	66	1 580	22.26	18 100	1.0	125	2KJ3510 - ■ JR23 - ■ ■ L1	
	76	1 380	19.46	18 100	1.1	125	2KJ3510 - ■ JR23 - ■ ■ K1	
	88	1 190	16.71	18 100	1.2	125	2KJ3510 - ■ JR23 - ■ ■ J1	
	100	1 050	14.77	18 100	1.3	125	2KJ3510 - ■ JR23 - ■ ■ H1	
	117	895	12.56	17 800	1.5	125	2KJ3510 - ■ JR23 - ■ ■ G1	
	137	765	10.76	17 400	1.6	125	2KJ3510 - ■ JR23 - ■ ■ F1	
	140	745	10.51	16 500	1.1	125	2KJ3510 - ■ JR23 - ■ ■ E1	
	164	640	9.02	16 200	1.2	125	2KJ3510 - ■ JR23 - ■ ■ D1	
	185	565	7.97	15 900	1.4	125	2KJ3510 - ■ JR23 - ■ ■ C1	
	218	480	6.78	15 500	1.5	125	2KJ3510 - ■ JR23 - ■ ■ B1	
	254	410	5.81	15 100	1.6	125	2KJ3510 - ■ JR23 - ■ ■ A1	
15	K.189-LE160ZLL4P							
	7.4	19 300	199.51	104 000	0.99	717	2KJ3515 - ■ JU23 - ■ ■ W1	
	8.3	17 300	178.49	104 000	1.1	717	2KJ3515 - ■ JU23 - ■ ■ V1	
	9.2	15 600	160.98	104 000	1.2	717	2KJ3515 - ■ JU23 - ■ ■ U1	
	10	13 800	142.28	104 000	1.4	717	2KJ3515 - ■ JU23 - ■ ■ T1	
	11	12 600	130.05	104 000	1.5	717	2KJ3515 - ■ JU23 - ■ ■ S1	
	13	11 300	117.00	104 000	1.7	717	2KJ3515 - ■ JU23 - ■ ■ R1	
	14	10 100	104.56	104 000	1.9	717	2KJ3515 - ■ JU23 - ■ ■ Q1	
	16	9 180	94.55	104 000	2.1	717	2KJ3515 - ■ JU23 - ■ ■ P1	
	K.169-LE160ZLL4P							
	8.9	16 100	166.31	70 000	0.80	486	2KJ3514 - ■ JU23 - ■ ■ C2	
	9.8	14 600	150.55	70 000	0.89	486	2KJ3514 - ■ JU23 - ■ ■ B2	
	11	12 800	132.24	70 000	1.0	486	2KJ3514 - ■ JU23 - ■ ■ A2	
	12	11 600	119.83	70 000	1.1	486	2KJ3514 - ■ JU23 - ■ ■ X1	
	14	10 300	106.72	70 000	1.3	486	2KJ3514 - ■ JU23 - ■ ■ W1	
	15	9 300	95.83	70 000	1.4	486	2KJ3514 - ■ JU23 - ■ ■ V1	
	17	8 300	85.51	70 000	1.6	486	2KJ3514 - ■ JU23 - ■ ■ U1	
	19	7 400	76.23	70 000	1.8	486	2KJ3514 - ■ JU23 - ■ ■ T1	
	22	6 560	67.61	70 000	2.0	486	2KJ3514 - ■ JU23 - ■ ■ S1	
	24	6 020	62.07	70 000	2.2	486	2KJ3514 - ■ JU23 - ■ ■ R1	
	27	5 310	54.68	70 000	2.4	486	2KJ3514 - ■ JU23 - ■ ■ Q1	
	K.149-LE160ZLL4P							
	15	9 690	99.79	50 500	0.83	318	2KJ3513 - ■ JU23 - ■ ■ A2	
	17	8 620	88.81	50 800	0.93	318	2KJ3513 - ■ JU23 - ■ ■ X1	
	19	7 730	79.59	50 800	1.0	318	2KJ3513 - ■ JU23 - ■ ■ W1	
	21	6 850	70.56	50 700	1.2	318	2KJ3513 - ■ JU23 - ■ ■ V1	
	24	6 040	62.28	50 400	1.3	318	2KJ3513 - ■ JU23 - ■ ■ U1	
	27	5 310	54.76	49 900	1.5	318	2KJ3513 - ■ JU23 - ■ ■ T1	
	30	4 810	49.60	49 400	1.7	318	2KJ3513 - ■ JU23 - ■ ■ S1	
	34	4 190	43.18	48 600	1.9	318	2KJ3513 - ■ JU23 - ■ ■ R1	
	42	3 430	35.40	47 200	2.3	318	2KJ3513 - ■ JU23 - ■ ■ Q1	
	46	3 140	32.33	46 500	2.5	318	2KJ3513 - ■ JU23 - ■ ■ 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
15	K.149-LE160ZLL4P							
	51	2 780	28.66	45 500	2.7	318	2KJ3513 - ■ JU23 - ■ ■ N1	
	58	2 450	25.30	44 500	3.0	318	2KJ3513 - ■ JU23 - ■ ■ M1	
	104	1 370	14.15	39 100	3.0	318	2KJ3513 - ■ JU23 - ■ ■ G1	
	119	1 200	12.44	38 000	3.3	318	2KJ3513 - ■ JU23 - ■ ■ F1	
	131	1 090	11.26	37 100	3.6	318	2KJ3513 - ■ JU23 - ■ ■ E1	
	150	950	9.81	35 800	4.0	318	2KJ3513 - ■ JU23 - ■ ■ D1	
	K.129-LE160ZLL4P							
	27	5 340	55.05	30 800	0.82	235	2KJ3512 - ■ JU23 - ■ ■ T1	
	31	4 680	48.24	31 200	0.94	235	2KJ3512 - ■ JU23 - ■ ■ S1	
	35	4 080	42.04	31 300	1.1	235	2KJ3512 - ■ JU23 - ■ ■ R1	
	38	3 720	38.37	31 300	1.2	235	2KJ3512 - ■ JU23 - ■ ■ Q1	
	45	3 200	33.03	31 200	1.4	235	2KJ3512 - ■ JU23 - ■ ■ P1	
	47	3 060	31.55	31 100	1.4	235	2KJ3512 - ■ JU23 - ■ ■ N1	
	53	2 670	27.58	30 800	1.6	235	2KJ3512 - ■ JU23 - ■ ■ M1	
	60	2 390	24.61	30 400	1.8	235	2KJ3512 - ■ JU23 - ■ ■ L1	
	68	2 100	21.68	29 900	2.0	235	2KJ3512 - ■ JU23 - ■ ■ K1	
	78	1 840	19.00	29 400	2.2	235	2KJ3512 - ■ JU23 - ■ ■ J1	
	89	1 600	16.56	28 800	2.5	235	2KJ3512 - ■ JU23 - ■ ■ H1	
	98	1 460	15.11	28 300	2.7	235	2KJ3512 - ■ JU23 - ■ ■ G1	
	113	1 260	13.01	27 500	3.0	235	2KJ3512 - ■ JU23 - ■ ■ F1	
	125	1 140	11.80	27 000	2.5	235	2KJ3512 - ■ JU23 - ■ ■ E1	
	143	1 000	10.34	26 300	2.8	235	2KJ3512 - ■ JU23 - ■ ■ D1	
	164	875	9.01	25 500	3.2	235	2KJ3512 - ■ JU23 - ■ ■ C1	
	179	795	8.22	25 000	3.4	235	2KJ3512 - ■ JU23 - ■ ■ B1	
	208	685	7.08	24 200	3.7	235	2KJ3512 - ■ JU23 - ■ ■ A1	
	K.109-LE160ZLL4P							
	43	3 310	34.15	20 300	0.82	187	2KJ3511 - ■ JU23 - ■ ■ P1	
	50	2 830	29.23	20 600	0.92	187	2KJ3511 - ■ JU23 - ■ ■ N1	
	59	2 420	24.98	20 700	0.98	187	2KJ3511 - ■ JU23 - ■ ■ M1	
	66	2 160	22.31	20 700	1.1	187	2KJ3511 - ■ JU23 - ■ ■ L1	
	75	1 910	19.71	20 600	1.2	187	2KJ3511 - ■ JU23 - ■ ■ K1	
	85	1 680	17.30	20 400	1.4	187	2KJ3511 - ■ JU23 - ■ ■ J1	
	98	1 460	15.06	20 100	1.6	187	2KJ3511 - ■ JU23 - ■ ■ H1	
	115	1 250	12.87	19 700	1.8	187	2KJ3511 - ■ JU23 - ■ ■ G1	
	134	1 070	11.02	19 300	2.0	187	2KJ3511 - ■ JU23 - ■ ■ F1	
	141	1 010	10.45	18 600	1.2	187	2KJ3511 - ■ JU23 - ■ ■ E1	
	161	890	9.17	18 300	1.4	187	2KJ3511 - ■ JU23 - ■ ■ D1	
	185	775	7.99	17 800	1.6	187	2KJ3511 - ■ JU23 - ■ ■ C1	
	216	660	6.83	17 400	2.0	187	2KJ3511 - ■ JU23 - ■ ■ B1	
	253	565	5.84	16 900	2.3	187	2KJ3511 - ■ JU23 - ■ ■ A1	
	K.89-LE160ZLL4P							
	76	1 890	19.46	16 300	0.83	150	2KJ3510 - ■ JU23 - ■ ■ K1	
	88	1 620	16.71	16 400	0.91	150	2KJ3510 - ■ JU23 - ■ ■ J1	
	100	1 430	14.77	16 400	0.99	150	2KJ3510 - ■ JU23 - ■ ■ H1	
	117	1 220	12.56	16 300	1.1	150	2KJ3510 - ■ JU23 - ■ ■ G1	
	137	1 040	10.76	16 100	1.2	150	2KJ3510 - ■ JU23 - ■ ■ F1	
	140	1 020	10.51	15 000	0.83	150	2KJ3510 - ■ JU23 - ■ ■ 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
15	K.89-LE160ZLL4P							
	164	875	9.02	14 900	0.91	150	2KJ3510 - ■ JU23 - ■ ■ D1	
	185	770	7.97	14 700	0.99	150	2KJ3510 - ■ JU23 - ■ ■ C1	
	218	655	6.78	14 500	1.1	150	2KJ3510 - ■ JU23 - ■ ■ B1	
	254	560	5.81	14 200	1.2	150	2KJ3510 - ■ JU23 - ■ ■ A1	
18.5	K.189-LES180MQ4P							
	11	15 600	130.05	104 000	1.2	794	2KJ3515 - ■ KL33 - ■ ■ S1	
	13	14 000	117.00	104 000	1.4	794	2KJ3515 - ■ KL33 - ■ ■ R1	
	14	12 500	104.56	104 000	1.6	794	2KJ3515 - ■ KL33 - ■ ■ Q1	
	16	11 300	94.55	104 000	1.7	794	2KJ3515 - ■ KL33 - ■ ■ P1	
	18	10 000	83.44	104 000	1.9	794	2KJ3515 - ■ KL33 - ■ ■ N1	
	20	8 930	74.35	104 000	2.2	794	2KJ3515 - ■ KL33 - ■ ■ M1	
	22	8 090	67.36	104 000	2.4	794	2KJ3515 - ■ KL33 - ■ ■ L1	
	K.169-LES180MQ4P							
	12	14 400	119.83	70 000	0.9	565	2KJ3514 - ■ KL33 - ■ ■ X1	
	14	12 800	106.72	70 000	1.0	565	2KJ3514 - ■ KL33 - ■ ■ W1	
	15	11 500	95.83	70 000	1.1	565	2KJ3514 - ■ KL33 - ■ ■ V1	
	17	10 200	85.51	70 000	1.3	565	2KJ3514 - ■ KL33 - ■ ■ U1	
	19	9 160	76.23	70 000	1.4	565	2KJ3514 - ■ KL33 - ■ ■ T1	
	22	8 120	67.61	70 000	1.6	565	2KJ3514 - ■ KL33 - ■ ■ S1	
	24	7 460	62.07	70 000	1.7	565	2KJ3514 - ■ KL33 - ■ ■ R1	
	27	6 570	54.68	70 000	2.0	565	2KJ3514 - ■ KL33 - ■ ■ Q1	
	33	5 390	44.86	70 000	2.4	565	2KJ3514 - ■ KL33 - ■ ■ P1	
	K.149-LES180MQ4P							
	18	9 560	79.59	45 800	0.84	394	2KJ3513 - ■ KL33 - ■ ■ W1	
	21	8 480	70.56	46 300	0.94	394	2KJ3513 - ■ KL33 - ■ ■ V1	
	24	7 480	62.28	46 500	1.1	394	2KJ3513 - ■ KL33 - ■ ■ U1	
	27	6 580	54.76	46 400	1.2	394	2KJ3513 - ■ KL33 - ■ ■ T1	
	30	5 960	49.60	46 300	1.3	394	2KJ3513 - ■ KL33 - ■ ■ S1	
	34	5 190	43.18	45 900	1.5	394	2KJ3513 - ■ KL33 - ■ ■ R1	
	42	4 250	35.40	45 000	1.8	394	2KJ3513 - ■ KL33 - ■ ■ Q1	
	45	3 880	32.33	44 500	2.0	394	2KJ3513 - ■ KL33 - ■ ■ P1	
	51	3 440	28.66	43 800	2.2	394	2KJ3513 - ■ KL33 - ■ ■ N1	
	58	3 040	25.30	42 900	2.4	394	2KJ3513 - ■ KL33 - ■ ■ M1	
	66	2 670	22.25	42 000	2.7	394	2KJ3513 - ■ KL33 - ■ ■ L1	
	73	2 420	20.15	41 200	2.9	394	2KJ3513 - ■ KL33 - ■ ■ K1	
	84	2 100	17.54	40 200	3.3	394	2KJ3513 - ■ KL33 - ■ ■ J1	
	104	1 700	14.15	38 200	2.4	394	2KJ3513 - ■ KL33 - ■ ■ G1	
	118	1 490	12.44	37 200	2.7	394	2KJ3513 - ■ KL33 - ■ ■ F1	
	131	1 350	11.26	36 300	2.9	394	2KJ3513 - ■ KL33 - ■ ■ E1	
	150	1 170	9.81	35 200	3.3	394	2KJ3513 - ■ KL33 - ■ ■ D1	
	183	965	8.04	33 600	3.8	394	2KJ3513 - ■ KL33 - ■ ■ C1	
	216	820	6.82	32 300	4.4	394	2KJ3513 - ■ KL33 - ■ ■ B1	
	K.129-LES180MQ4P							
	35	5 050	42.04	28 100	0.87	312	2KJ3512 - ■ KL33 - ■ ■ R1	
	38	4 610	38.37	28 300	0.95	312	2KJ3512 - ■ KL33 - ■ ■ Q1	
	45	3 970	33.03	28 600	1.1	312	2KJ3512 - ■ KL33 - ■ ■ P1	
	47	3 790	31.55	28 600	1.2	312	2KJ3512 - ■ KL33 - ■ ■ 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
18.5	K.129-LES180MQ4P							
	53	3 310	27.58	28 600	1.3	312	2KJ3512 - ■ KL33 - ■ ■ M1	
	60	2 950	24.61	28 500	1.5	312	2KJ3512 - ■ KL33 - ■ ■ L1	
	68	2 600	21.68	28 300	1.6	312	2KJ3512 - ■ KL33 - ■ ■ K1	
	77	2 280	19.00	27 900	1.8	312	2KJ3512 - ■ KL33 - ■ ■ J1	
	89	1 990	16.56	27 500	2.0	312	2KJ3512 - ■ KL33 - ■ ■ H1	
	97	1 810	15.11	27 100	2.2	312	2KJ3512 - ■ KL33 - ■ ■ G1	
	113	1 560	13.01	26 500	2.4	312	2KJ3512 - ■ KL33 - ■ ■ F1	
	125	1 410	11.80	26 100	2.0	312	2KJ3512 - ■ KL33 - ■ ■ E1	
	142	1 240	10.34	25 500	2.3	312	2KJ3512 - ■ KL33 - ■ ■ D1	
	163	1 080	9.01	24 800	2.5	312	2KJ3512 - ■ KL33 - ■ ■ C1	
	179	985	8.22	24 400	2.7	312	2KJ3512 - ■ KL33 - ■ ■ B1	
	208	850	7.08	23 600	3.0	312	2KJ3512 - ■ KL33 - ■ ■ A1	
	K.109-LES180MQ4P							
	66	2 680	22.31	18 800	0.89	263	2KJ3511 - ■ KL33 - ■ ■ L1	
	75	2 360	19.71	18 900	1.0	263	2KJ3511 - ■ KL33 - ■ ■ K1	
	85	2 070	17.30	18 900	1.2	263	2KJ3511 - ■ KL33 - ■ ■ J1	
	98	1 810	15.06	18 800	1.3	263	2KJ3511 - ■ KL33 - ■ ■ H1	
	114	1 540	12.87	18 700	1.4	263	2KJ3511 - ■ KL33 - ■ ■ G1	
	133	1 320	11.02	18 400	1.6	263	2KJ3511 - ■ KL33 - ■ ■ F1	
	141	1 250	10.45	17 600	1.0	263	2KJ3511 - ■ KL33 - ■ ■ E1	
	160	1 100	9.17	17 400	1.2	263	2KJ3511 - ■ KL33 - ■ ■ D1	
	184	960	7.99	17 100	1.3	263	2KJ3511 - ■ KL33 - ■ ■ C1	
	215	820	6.83	16 700	1.6	263	2KJ3511 - ■ KL33 - ■ ■ B1	
	252	700	5.84	16 300	1.9	263	2KJ3511 - ■ KL33 - ■ ■ A1	
22	K.189-LES180ZLN4P							
	11	18 500	130.05	104 000	1.0	799	2KJ3515 - ■ KN33 - ■ ■ S1	
	13	16 700	117.00	104 000	1.2	799	2KJ3515 - ■ KN33 - ■ ■ R1	
	14	14 900	104.56	104 000	1.3	799	2KJ3515 - ■ KN33 - ■ ■ Q1	
	16	13 500	94.55	104 000	1.4	799	2KJ3515 - ■ KN33 - ■ ■ P1	
	18	11 900	83.44	104 000	1.6	799	2KJ3515 - ■ KN33 - ■ ■ N1	
	20	10 600	74.35	104 000	1.8	799	2KJ3515 - ■ KN33 - ■ ■ M1	
	22	9 620	67.36	104 000	2.0	799	2KJ3515 - ■ KN33 - ■ ■ L1	
	24	8 650	60.58	104 000	2.3	799	2KJ3515 - ■ KN33 - ■ ■ K1	
	K.169-LES180ZLN4P							
	14	15 200	106.72	70 000	0.85	570	2KJ3514 - ■ KN33 - ■ ■ W1	
	15	13 600	95.83	70 000	0.95	570	2KJ3514 - ■ KN33 - ■ ■ V1	
	17	12 200	85.51	70 000	1.1	570	2KJ3514 - ■ KN33 - ■ ■ U1	
	19	10 800	76.23	70 000	1.2	570	2KJ3514 - ■ KN33 - ■ ■ T1	
	22	9 660	67.61	70 000	1.3	570	2KJ3514 - ■ KN33 - ■ ■ S1	
	24	8 870	62.07	70 000	1.5	570	2KJ3514 - ■ KN33 - ■ ■ R1	
	27	7 810	54.68	70 000	1.7	570	2KJ3514 - ■ KN33 - ■ ■ Q1	
	33	6 410	44.86	70 000	2.0	570	2KJ3514 - ■ KN33 - ■ ■ P1	
	37	5 620	39.33	69 200	2.3	570	2KJ3514 - ■ KN33 - ■ ■ N1	
	K.149-LES180ZLN4P							
	24	8 900	62.28	42 500	0.90	399	2KJ3513 - ■ KN33 - ■ ■ U1	
	27	7 820	54.76	43 000	1.0	399	2KJ3513 - ■ KN33 - ■ ■ T1	
	30	7 080	49.60	43 100	1.1	399	2KJ3513 - ■ KN33 - ■ ■ S1	
	34	6 170	43.18	43 100	1.3	399	2KJ3513 - ■ KN33 - ■ ■ 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
22	K.149-LES180ZLN4P							
	42	5 060	35.40	42 700	1.6	399	2KJ3513 - ■ KN33 - ■ ■ Q1	
	45	4 620	32.33	42 400	1.7	399	2KJ3513 - ■ KN33 - ■ ■ P1	
	51	4 090	28.66	41 900	1.9	399	2KJ3513 - ■ KN33 - ■ ■ N1	
	58	3 610	25.30	41 300	2.1	399	2KJ3513 - ■ KN33 - ■ ■ M1	
	66	3 180	22.25	40 600	2.3	399	2KJ3513 - ■ KN33 - ■ ■ L1	
	73	2 880	20.15	40 000	2.5	399	2KJ3513 - ■ KN33 - ■ ■ K1	
	84	2 500	17.54	39 100	2.7	399	2KJ3513 - ■ KN33 - ■ ■ J1	
	102	2 050	14.38	37 700	3.2	399	2KJ3513 - ■ KN33 - ■ ■ H1	
	104	2 020	14.15	37 200	2.0	399	2KJ3513 - ■ KN33 - ■ ■ G1	
	118	1 770	12.44	36 300	2.3	399	2KJ3513 - ■ KN33 - ■ ■ F1	
	131	1 600	11.26	35 600	2.5	399	2KJ3513 - ■ KN33 - ■ ■ E1	
	150	1 400	9.81	34 600	2.7	399	2KJ3513 - ■ KN33 - ■ ■ D1	
	183	1 140	8.04	33 100	3.2	399	2KJ3513 - ■ KN33 - ■ ■ C1	
	216	975	6.82	31 800	3.7	399	2KJ3513 - ■ KN33 - ■ ■ B1	
	K.129-LES180ZLN4P							
	38	5 480	38.37	25 400	0.80	317	2KJ3512 - ■ KN33 - ■ ■ Q1	
	45	4 720	33.03	26 000	0.93	317	2KJ3512 - ■ KN33 - ■ ■ P1	
	47	4 500	31.55	26 200	0.98	317	2KJ3512 - ■ KN33 - ■ ■ N1	
	53	3 940	27.58	26 500	1.1	317	2KJ3512 - ■ KN33 - ■ ■ M1	
	60	3 510	24.61	26 600	1.3	317	2KJ3512 - ■ KN33 - ■ ■ L1	
	68	3 090	21.68	26 600	1.4	317	2KJ3512 - ■ KN33 - ■ ■ K1	
	77	2 710	19.00	26 400	1.5	317	2KJ3512 - ■ KN33 - ■ ■ J1	
	89	2 360	16.56	26 200	1.7	317	2KJ3512 - ■ KN33 - ■ ■ H1	
	97	2 160	15.11	25 900	1.8	317	2KJ3512 - ■ KN33 - ■ ■ G1	
	113	1 850	13.01	25 500	2.0	317	2KJ3512 - ■ KN33 - ■ ■ F1	
	125	1 680	11.80	25 200	1.7	317	2KJ3512 - ■ KN33 - ■ ■ E1	
	142	1 470	10.34	24 700	1.9	317	2KJ3512 - ■ KN33 - ■ ■ D1	
	163	1 280	9.01	24 100	2.1	317	2KJ3512 - ■ KN33 - ■ ■ C1	
	179	1 170	8.22	23 800	2.3	317	2KJ3512 - ■ KN33 - ■ ■ B1	
	208	1 010	7.08	23 100	2.5	317	2KJ3512 - ■ KN33 - ■ ■ A1	
	K.109-LES180ZLN4P							
	75	2 810	19.71	17 200	0.84	268	2KJ3511 - ■ KN33 - ■ ■ K1	
	85	2 470	17.30	17 400	0.97	268	2KJ3511 - ■ KN33 - ■ ■ J1	
	98	2 150	15.06	17 500	1.1	268	2KJ3511 - ■ KN33 - ■ ■ H1	
	114	1 830	12.87	17 600	1.2	268	2KJ3511 - ■ KN33 - ■ ■ G1	
	133	1 570	11.02	17 400	1.3	268	2KJ3511 - ■ KN33 - ■ ■ F1	
	141	1 490	10.45	16 600	0.84	268	2KJ3511 - ■ KN33 - ■ ■ E1	
	160	1 310	9.17	16 500	0.97	268	2KJ3511 - ■ KN33 - ■ ■ D1	
	184	1 140	7.99	16 300	1.1	268	2KJ3511 - ■ KN33 - ■ ■ C1	
	215	975	6.83	16 000	1.3	268	2KJ3511 - ■ KN33 - ■ ■ B1	
	252	835	5.84	15 700	1.6	268	2KJ3511 - ■ KN33 - ■ ■ A1	
30	K.189-LES200ZLU4P							
	13	22 800	117.00	104 000	0.86	875	2KJ3515 - ■ LN33 - ■ ■ R1	
	14	20 300	104.56	104 000	0.96	875	2KJ3515 - ■ LN33 - ■ ■ Q1	
	16	18 400	94.55	104 000	1.1	875	2KJ3515 - ■ LN33 - ■ ■ P1	
	18	16 200	83.44	104 000	1.2	875	2KJ3515 - ■ LN33 - ■ ■ N1	
	20	14 400	74.35	104 000	1.3	875	2KJ3515 - ■ LN33 - ■ ■ 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
30	K.189-LES200ZLU4P							
	22	13 100	67.36	104 000	1.5	875	2KJ3515 - ■ LN33 - ■ ■ L1	
	24	11 800	60.58	104 000	1.7	875	2KJ3515 - ■ LN33 - ■ ■ K1	
	29	9 810	50.34	104 000	2.0	875	2KJ3515 - ■ LN33 - ■ ■ J1	
	33	8 720	44.76	104 000	2.2	875	2KJ3515 - ■ LN33 - ■ ■ H1	
	K.169-LES200ZLU4P							
	19	14 800	76.23	65 900	0.88	645	2KJ3514 - ■ LN33 - ■ ■ T1	
	22	13 100	67.61	66 300	0.99	645	2KJ3514 - ■ LN33 - ■ ■ S1	
	24	12 000	62.07	66 400	1.1	645	2KJ3514 - ■ LN33 - ■ ■ R1	
	27	10 600	54.68	66 200	1.2	645	2KJ3514 - ■ LN33 - ■ ■ Q1	
	33	8 740	44.86	65 300	1.5	645	2KJ3514 - ■ LN33 - ■ ■ P1	
	37	7 660	39.33	64 500	1.7	645	2KJ3514 - ■ LN33 - ■ ■ N1	
	48	5 990	30.75	62 500	2.2	645	2KJ3514 - ■ LN33 - ■ ■ M1	
	50	5 730	29.43	62 100	2.3	645	2KJ3514 - ■ LN33 - ■ ■ L1	
	54	5 260	27.02	61 300	2.5	645	2KJ3514 - ■ LN33 - ■ ■ K1	
	62	4 630	23.80	60 000	2.8	645	2KJ3514 - ■ LN33 - ■ ■ J1	
	120	2 370	12.20	51 100	2.8	645	2KJ3514 - ■ LN33 - ■ ■ E1	
	147	1 950	10.01	49 000	3.3	645	2KJ3514 - ■ LN33 - ■ ■ D1	
	167	1 710	8.78	47 600	3.7	645	2KJ3514 - ■ LN33 - ■ ■ C1	
	K.149-LES200ZLU4P							
	30	9 660	49.60	35 900	0.83	474	2KJ3513 - ■ LN33 - ■ ■ S1	
	34	8 410	43.18	36 900	0.95	474	2KJ3513 - ■ LN33 - ■ ■ R1	
	42	6 890	35.40	37 600	1.1	474	2KJ3513 - ■ LN33 - ■ ■ Q1	
	45	6 300	32.33	37 700	1.2	474	2KJ3513 - ■ LN33 - ■ ■ P1	
	51	5 580	28.66	37 800	1.4	474	2KJ3513 - ■ LN33 - ■ ■ N1	
	58	4 930	25.30	37 600	1.5	474	2KJ3513 - ■ LN33 - ■ ■ M1	
	66	4 330	22.25	37 400	1.7	474	2KJ3513 - ■ LN33 - ■ ■ L1	
	73	3 920	20.15	37 100	1.8	474	2KJ3513 - ■ LN33 - ■ ■ K1	
	84	3 410	17.54	36 500	2.0	474	2KJ3513 - ■ LN33 - ■ ■ J1	
	102	2 800	14.38	35 600	2.4	474	2KJ3513 - ■ LN33 - ■ ■ H1	
	104	2 750	14.15	35 100	1.5	474	2KJ3513 - ■ LN33 - ■ ■ G1	
	118	2 420	12.44	34 400	1.7	474	2KJ3513 - ■ LN33 - ■ ■ F1	
	131	2 190	11.26	33 900	1.8	474	2KJ3513 - ■ LN33 - ■ ■ E1	
	150	1 910	9.81	33 100	2.0	474	2KJ3513 - ■ LN33 - ■ ■ D1	
	183	1 560	8.04	31 800	2.4	474	2KJ3513 - ■ LN33 - ■ ■ C1	
	216	1 320	6.82	30 800	2.7	474	2KJ3513 - ■ LN33 - ■ ■ B1	
	K.129-LES200ZLU4P							
	53	5 370	27.58	21 600	0.82	393	2KJ3512 - ■ LN33 - ■ ■ M1	
	60	4 790	24.61	22 200	0.92	393	2KJ3512 - ■ LN33 - ■ ■ L1	
	68	4 220	21.68	22 700	1.0	393	2KJ3512 - ■ LN33 - ■ ■ K1	
	77	3 700	19.00	23 100	1.1	393	2KJ3512 - ■ LN33 - ■ ■ J1	
	89	3 220	16.56	23 300	1.2	393	2KJ3512 - ■ LN33 - ■ ■ H1	
	97	2 940	15.11	23 300	1.3	393	2KJ3512 - ■ LN33 - ■ ■ G1	
	113	2 530	13.01	23 200	1.5	393	2KJ3512 - ■ LN33 - ■ ■ F1	
	125	2 300	11.80	23 100	1.2	393	2KJ3512 - ■ LN33 - ■ ■ E1	
	142	2 010	10.34	22 800	1.4	393	2KJ3512 - ■ LN33 - ■ ■ D1	
	163	1 750	9.01	22 500	1.6	393	2KJ3512 - ■ LN33 - ■ ■ C1	
	179	1 600	8.22	22 300	1.7	393	2KJ3512 - ■ LN33 - ■ ■ B1	
	208	1 380	7.08	21 800	1.8	393	2KJ3512 - ■ LN33 - ■ ■ 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
37	K.189-LES225SD4P							
	16	22 600	94.55	104 000	0.86	917	2KJ3515 - ■ MF33 - ■ ■ P1	
	18	19 900	83.44	104 000	0.98	917	2KJ3515 - ■ MF33 - ■ ■ N1	
	20	17 700	74.35	104 000	1.1	917	2KJ3515 - ■ MF33 - ■ ■ M1	
	22	16 100	67.36	104 000	1.2	917	2KJ3515 - ■ MF33 - ■ ■ L1	
	24	14 400	60.58	104 000	1.3	917	2KJ3515 - ■ MF33 - ■ ■ K1	
	29	12 000	50.34	104 000	1.6	917	2KJ3515 - ■ MF33 - ■ ■ J1	
	33	10 700	44.76	104 000	1.8	917	2KJ3515 - ■ MF33 - ■ ■ H1	
	41	8 520	35.67	104 000	2.3	917	2KJ3515 - ■ MF33 - ■ ■ G1	
	52	6 780	28.39	104 000	2.9	917	2KJ3515 - ■ MF33 - ■ ■ F1	
	K.169-LES225SD4P							
	22	16 100	67.61	59 200	0.80	690	2KJ3514 - ■ MF33 - ■ ■ S1	
	24	14 800	62.07	59 800	0.88	690	2KJ3514 - ■ MF33 - ■ ■ R1	
	27	13 000	54.68	60 400	0.99	690	2KJ3514 - ■ MF33 - ■ ■ Q1	
	33	10 700	44.86	60 600	1.2	690	2KJ3514 - ■ MF33 - ■ ■ P1	
	38	9 400	39.33	60 300	1.4	690	2KJ3514 - ■ MF33 - ■ ■ N1	
	48	7 350	30.75	59 200	1.8	690	2KJ3514 - ■ MF33 - ■ ■ M1	
	50	7 030	29.43	58 900	1.8	690	2KJ3514 - ■ MF33 - ■ ■ L1	
	55	6 460	27.02	58 400	2.0	690	2KJ3514 - ■ MF33 - ■ ■ K1	
	62	5 690	23.80	57 400	2.3	690	2KJ3514 - ■ MF33 - ■ ■ J1	
	76	4 660	19.53	55 700	2.7	690	2KJ3514 - ■ MF33 - ■ ■ H1	
	86	4 090	17.12	54 500	3.0	690	2KJ3514 - ■ MF33 - ■ ■ G1	
	121	2 910	12.20	49 500	2.3	690	2KJ3514 - ■ MF33 - ■ ■ E1	
	148	2 390	10.01	47 600	2.7	690	2KJ3514 - ■ MF33 - ■ ■ D1	
	168	2 090	8.78	46 400	3.0	690	2KJ3514 - ■ MF33 - ■ ■ C1	
	215	1 640	6.86	43 900	3.7	690	2KJ3514 - ■ MF33 - ■ ■ B1	
	K.149-LES225SD4P							
	42	8 460	35.40	33 100	0.93	518	2KJ3513 - ■ MF33 - ■ ■ Q1	
	46	7 720	32.33	33 700	1.0	518	2KJ3513 - ■ MF33 - ■ ■ P1	
	52	6 850	28.66	34 100	1.1	518	2KJ3513 - ■ MF33 - ■ ■ N1	
	58	6 040	25.30	34 400	1.2	518	2KJ3513 - ■ MF33 - ■ ■ M1	
	66	5 310	22.25	34 500	1.4	518	2KJ3513 - ■ MF33 - ■ ■ L1	
	73	4 810	20.15	34 500	1.5	518	2KJ3513 - ■ MF33 - ■ ■ K1	
	84	4 190	17.54	34 300	1.6	518	2KJ3513 - ■ MF33 - ■ ■ J1	
	103	3 430	14.38	33 700	1.9	518	2KJ3513 - ■ MF33 - ■ ■ H1	
	104	3 380	14.15	33 200	1.2	518	2KJ3513 - ■ MF33 - ■ ■ G1	
	119	2 970	12.44	32 700	1.4	518	2KJ3513 - ■ MF33 - ■ ■ F1	
	131	2 690	11.26	32 300	1.5	518	2KJ3513 - ■ MF33 - ■ ■ E1	
	151	2 340	9.81	31 700	1.6	518	2KJ3513 - ■ MF33 - ■ ■ D1	
	184	1 920	8.04	30 700	1.9	518	2KJ3513 - ■ MF33 - ■ ■ C1	
	217	1 630	6.82	29 800	2.2	518	2KJ3513 - ■ MF33 - ■ ■ B1	
	K.129-LES225SD4P							
	68	5 180	21.68	19 400	0.82	435	2KJ3512 - ■ MF33 - ■ ■ K1	
	78	4 540	19.00	20 100	0.91	435	2KJ3512 - ■ MF33 - ■ ■ J1	
	89	3 950	16.56	20 700	1.0	435	2KJ3512 - ■ MF33 - ■ ■ H1	
	98	3 610	15.11	20 900	1.1	435	2KJ3512 - ■ MF33 - ■ ■ G1	
	114	3 110	13.01	21 200	1.2	435	2KJ3512 - ■ MF33 - ■ ■ F1	
	125	2 820	11.80	21 200	1.0	435	2KJ3512 - ■ MF33 - ■ ■ 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
37	K.129-LES225SD4P							
	143	2 470	10.34	21 200	1.2	435	2KJ3512 - ■ MF33 - ■ ■ D1	
	164	2 150	9.01	21 100	1.3	435	2KJ3512 - ■ MF33 - ■ ■ C1	
	180	1 960	8.22	21 000	1.4	435	2KJ3512 - ■ MF33 - ■ ■ B1	
	209	1 690	7.08	20 700	1.5	435	2KJ3512 - ■ MF33 - ■ ■ A1	
45	K.189-LES225YMF4P							
	18	24 200	83.44	104 000	0.8	962	2KJ3515 - ■ MT33 - ■ ■ N1	
	20	21 600	74.35	104 000	0.9	962	2KJ3515 - ■ MT33 - ■ ■ M1	
	22	19 500	67.36	104 000	1.0	962	2KJ3515 - ■ MT33 - ■ ■ L1	
	24	17 600	60.58	104 000	1.1	962	2KJ3515 - ■ MT33 - ■ ■ K1	
	29	14 600	50.34	104 000	1.3	962	2KJ3515 - ■ MT33 - ■ ■ J1	
	33	13 000	44.76	104 000	1.5	962	2KJ3515 - ■ MT33 - ■ ■ H1	
	41	10 300	35.67	104 000	1.9	962	2KJ3515 - ■ MT33 - ■ ■ G1	
	52	8 250	28.39	103 900	2.4	962	2KJ3515 - ■ MT33 - ■ ■ F1	
	58	7 370	25.37	101 700	2.6	962	2KJ3515 - ■ MT33 - ■ ■ E1	
	K.169-LES225YMF4P							
	27	15 800	54.68	53 900	0.82	735	2KJ3514 - ■ MT33 - ■ ■ Q1	
	33	13 000	44.86	55 200	1.0	735	2KJ3514 - ■ MT33 - ■ ■ P1	
	38	11 400	39.33	55 600	1.1	735	2KJ3514 - ■ MT33 - ■ ■ N1	
	48	8 940	30.75	55 500	1.5	735	2KJ3514 - ■ MT33 - ■ ■ M1	
	50	8 550	29.43	55 400	1.5	735	2KJ3514 - ■ MT33 - ■ ■ L1	
	55	7 850	27.02	55 100	1.7	735	2KJ3514 - ■ MT33 - ■ ■ K1	
	62	6 920	23.80	54 600	1.9	735	2KJ3514 - ■ MT33 - ■ ■ J1	
	76	5 670	19.53	53 400	2.2	735	2KJ3514 - ■ MT33 - ■ ■ H1	
	86	4 970	17.12	52 400	2.5	735	2KJ3514 - ■ MT33 - ■ ■ G1	
	110	3 890	13.39	50 400	3.1	735	2KJ3514 - ■ MT33 - ■ ■ F1	
	121	3 540	12.20	47 700	1.9	735	2KJ3514 - ■ MT33 - ■ ■ E1	
	148	2 910	10.01	46 100	2.2	735	2KJ3514 - ■ MT33 - ■ ■ D1	
	168	2 550	8.78	45 100	2.5	735	2KJ3514 - ■ MT33 - ■ ■ C1	
	215	1 990	6.86	42 900	3.1	735	2KJ3514 - ■ MT33 - ■ ■ B1	
	K.149-LES225YMF4P							
	46	9 400	32.33	29 000	0.83	563	2KJ3513 - ■ MT33 - ■ ■ P1	
	52	8 330	28.66	30 000	0.92	563	2KJ3513 - ■ MT33 - ■ ■ N1	
	58	7 350	25.30	30 800	1.0	563	2KJ3513 - ■ MT33 - ■ ■ M1	
	66	6 470	22.25	31 300	1.1	563	2KJ3513 - ■ MT33 - ■ ■ L1	
	73	5 850	20.15	31 600	1.2	563	2KJ3513 - ■ MT33 - ■ ■ K1	
	84	5 100	17.54	31 700	1.4	563	2KJ3513 - ■ MT33 - ■ ■ J1	
	103	4 180	14.38	31 600	1.6	563	2KJ3513 - ■ MT33 - ■ ■ H1	
	104	4 110	14.15	31 000	1.0	563	2KJ3513 - ■ MT33 - ■ ■ G1	
	119	3 610	12.44	30 800	1.1	563	2KJ3513 - ■ MT33 - ■ ■ F1	
	131	3 270	11.26	30 600	1.2	563	2KJ3513 - ■ MT33 - ■ ■ E1	
	151	2 850	9.81	30 200	1.3	563	2KJ3513 - ■ MT33 - ■ ■ D1	
	184	2 330	8.04	29 500	1.6	563	2KJ3513 - ■ MT33 - ■ ■ C1	
	217	1 980	6.82	28 800	1.8	563	2KJ3513 - ■ MT33 - ■ ■ B1	
	K.129-LES225YMF4P							
	89	4 810	16.56	17 800	0.83	480	2KJ3512 - ■ MT33 - ■ ■ H1	
	98	4 390	15.11	18 300	0.90	480	2KJ3512 - ■ MT33 - ■ ■ G1	
	114	3 780	13.01	18 900	1.0	480	2KJ3512 - ■ MT33 - ■ ■ F1	
	125	3 430	11.80	19 100	0.82	480	2KJ3512 - ■ MT33 - ■ ■ E1	

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
45	K.129-LES225YMF4P							
	143	3 000	10.34	19 400	0.95	480	2KJ3512 - ■ MT33 - ■ ■ D1	
	164	2 620	9.01	19 500	1.1	480	2KJ3512 - ■ MT33 - ■ ■ C1	
	180	2 390	8.22	19 500	1.1	480	2KJ3512 - ■ MT33 - ■ ■ B1	
	209	2 050	7.08	19 500	1.2	480	2KJ3512 - ■ MT33 - ■ ■ A1	
55	K.189-LES250MD4P							
	22	24 000	67.36	104 000	0.81	1 066	2KJ3515 - ■ NM33 - ■ ■ L1	
	24	21 600	60.58	104 000	0.90	1 066	2KJ3515 - ■ NM33 - ■ ■ K1	
	29	17 900	50.34	104 000	1.1	1 066	2KJ3515 - ■ NM33 - ■ ■ J1	
	33	15 900	44.76	104 000	1.2	1 066	2KJ3515 - ■ NM33 - ■ ■ H1	
	41	12 700	35.67	103 500	1.5	1 066	2KJ3515 - ■ NM33 - ■ ■ G1	
	52	10 100	28.39	100 300	1.9	1 066	2KJ3515 - ■ NM33 - ■ ■ F1	
	58	9 060	25.37	98 400	2.2	1 066	2KJ3515 - ■ NM33 - ■ ■ E1	
	70	7 530	21.09	95 300	2.6	1 066	2KJ3515 - ■ NM33 - ■ ■ D1	
	78	6 700	18.75	93 100	2.9	1 066	2KJ3515 - ■ NM33 - ■ ■ C1	
	K.169-LES250MD4P							
	33	16 000	44.86	48 400	0.81	837	2KJ3514 - ■ NM33 - ■ ■ P1	
	37	14 000	39.33	49 700	0.93	837	2KJ3514 - ■ NM33 - ■ ■ N1	
	48	10 900	30.75	51 100	1.2	837	2KJ3514 - ■ NM33 - ■ ■ M1	
	50	10 500	29.43	51 000	1.2	837	2KJ3514 - ■ NM33 - ■ ■ L1	
	54	9 650	27.02	51 100	1.3	837	2KJ3514 - ■ NM33 - ■ ■ K1	
	62	8 500	23.80	51 000	1.5	837	2KJ3514 - ■ NM33 - ■ ■ J1	
	75	6 970	19.53	50 500	1.8	837	2KJ3514 - ■ NM33 - ■ ■ H1	
	86	6 110	17.12	49 900	2.0	837	2KJ3514 - ■ NM33 - ■ ■ G1	
	110	4 780	13.39	48 400	2.5	837	2KJ3514 - ■ NM33 - ■ ■ F1	
	120	4 350	12.20	45 400	1.6	837	2KJ3514 - ■ NM33 - ■ ■ E1	
	147	3 570	10.01	44 300	1.8	837	2KJ3514 - ■ NM33 - ■ ■ D1	
	167	3 130	8.78	43 500	2.0	837	2KJ3514 - ■ NM33 - ■ ■ C1	
	214	2 450	6.86	41 700	2.5	837	2KJ3514 - ■ NM33 - ■ ■ B1	
	K.149-LES250MD4P							
	58	9 040	25.30	26 100	0.82	664	2KJ3513 - ■ NM33 - ■ ■ M1	
	66	7 950	22.25	27 200	0.91	664	2KJ3513 - ■ NM33 - ■ ■ L1	
	73	7 200	20.15	27 900	0.98	664	2KJ3513 - ■ NM33 - ■ ■ K1	
	84	6 260	17.54	28 600	1.1	664	2KJ3513 - ■ NM33 - ■ ■ J1	
	102	5 130	14.38	29 100	1.3	664	2KJ3513 - ■ NM33 - ■ ■ H1	
	104	5 050	14.15	28 300	0.82	664	2KJ3513 - ■ NM33 - ■ ■ G1	
	118	4 440	12.44	28 500	0.91	664	2KJ3513 - ■ NM33 - ■ ■ F1	
	131	4 020	11.26	28 500	0.98	664	2KJ3513 - ■ NM33 - ■ ■ E1	
	150	3 500	9.81	28 400	1.1	664	2KJ3513 - ■ NM33 - ■ ■ D1	
	183	2 870	8.04	28 000	1.3	664	2KJ3513 - ■ NM33 - ■ ■ C1	
	216	2 430	6.82	27 500	1.5	664	2KJ3513 - ■ NM33 - ■ ■ 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

Transmission ratios and torques

Selection and ordering data

i	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾ °	J _G 10 ⁻⁴ kgm ²	R _{ex} -	Motor frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
B.19																		
42.10	34	50	3 880	13.0	0.02	3410/81	✓	✓										2KJ3500 - ■■■■■ - ■■ A2
37.28	39	50	3 700	13.5	0.03	671/18	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ X1
32.39	45	50	3 510	13.6	0.04	583/18	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ W1
29.44	49	50	3 380	13.6	0.04	265/9	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ V1
25.06	58	50	3 170	13.7	0.06	451/18	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ U1
22.78	64	50	3 050	13.7	0.08	205/9	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ T1
19.86	73	50	2 890	13.9	0.09	715/36	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ S1
17.78	82	50	2 770	14.0	0.12	160/9	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ R1
15.79	92	50	2 640	14.1	0.14	1705/108	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ Q1
14.57	100	50	2 550	14.1	0.17	1705/117	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ P1
12.66	115	50	2 410	14.4	0.19	1595/126	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ N1
11.00	132	50	2 270	14.1	0.19	11/1	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ M1
9.93	146	50	2 190	14.2	0.25	715/72	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ L1
9.35	155	50	2 160	14.2	0.29	1430/153	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ K1
8.15	178	47	2 110	14.6	0.33	220/27	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ J1
7.87	184	38	2 160	21.4	0.14	1472/187	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ H1
6.99	207	38	2 100	21.7	0.17	713/102	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ G1
6.45	225	39	2 060	21.6	0.20	1426/221	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ F1
5.61	258	37	1 990	22.3	0.22	667/119	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ E1
4.87	298	35	1 930	21.6	0.24	414/85	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ D1
4.40	330	34	1 880	22.0	0.32	299/68	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ C1
4.14	350	33	1 850	22.0	0.37	1196/289	✓	✓	✓									2KJ3500 - ■■■■■ - ■■ B1
3.61	402	31	1 780	22.8	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	n ₂ rpm	T _{2N} Nm	F _{R2} N	φ ¹⁾	J _G 10 ⁻⁴ kgm ²	R _{ex} -	Motor frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
B.29																		
46.85	31	110	4 130	10.6	0.04	1265/27	✓	✓										2KJ3501 - ■■■■■■ - ■■ B2
41.56	35	110	4 130	11.0	0.05	374/9	✓	✓	✓	✓								2KJ3501 - ■■■■■■ - ■■ A2
36.06	40	110	4 130	11.1	0.06	649/18	✓	✓	✓	✓								2KJ3501 - ■■■■■■ - ■■ X1
32.78	44	110	4 130	11.1	0.07	295/9	✓	✓	✓	✓								2KJ3501 - ■■■■■■ - ■■ W1
28.11	52	110	4 130	11.2	0.09	253/9	✓	✓	✓	✓								2KJ3501 - ■■■■■■ - ■■ V1
25.56	57	110	4 130	11.2	0.11	230/9	✓	✓	✓	✓								2KJ3501 - ■■■■■■ - ■■ U1
22.41	65	110	4 130	11.4	0.13	605/27	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ T1
20.00	72	110	4 130	11.4	0.16	20/1	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ S1
17.82	81	110	4 130	11.5	0.19	1925/108	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ R1
16.45	88	110	4 130	11.5	0.23	1925/117	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ Q1
14.40	101	110	4 020	11.7	0.28	605/42	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ P1
12.63	115	110	3 800	12.0	0.27	341/27	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ N1
11.46	127	110	3 650	12.1	0.38	275/24	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ M1
10.78	135	110	3 560	12.1	0.44	550/51	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ L1
9.51	152	110	3 370	11.8	0.50	770/81	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ K1
8.25	176	110	3 160	12.0	0.67	33/4	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ J1
7.84	185	75	3 350	16.5	0.41	345/44	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ H1
7.38	196	75	3 260	16.5	0.48	1380/187	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ G1
6.51	223	75	3 100	16.1	0.54	644/99	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ F1
5.65	257	75	2 920	16.3	0.73	621/110	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ E1
5.07	286	74	2 900	18.9	0.60	345/68	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ D1
4.78	303	74	2 830	18.9	0.70	1380/289	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ C1
4.21	344	74	2 680	18.2	0.82	644/153	✓	✓	✓	✓	✓							2KJ3501 - ■■■■■■ - ■■ B1
3.65	397	73	2 550	18.6	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 frame size																Article No.
							63	71	80	90	100	112	132	160	180	200	225	250					
B.39																							
56.36	26	250	6 980	8.5	0.06	4565/81	✓	✓											2KJ3502 - ■■■■■ - ■■ A2				
50.11	29	210	6 980	8.8	0.08	451/9	✓	✓	✓	✓									2KJ3502 - ■■■■■ - ■■ X1				
44.00	33	250	6 980	8.9	0.09	44/1	✓	✓	✓	✓									2KJ3502 - ■■■■■ - ■■ W1				
40.00	36	230	6 980	8.9	0.11	40/1	✓	✓	✓	✓									2KJ3502 - ■■■■■ - ■■ V1				
34.22	42	250	6 980	8.9	0.13	308/9	✓	✓	✓	✓									2KJ3502 - ■■■■■ - ■■ U1				
31.11	47	250	6 980	8.9	0.16	280/9	✓	✓	✓	✓									2KJ3502 - ■■■■■ - ■■ T1				
27.50	53	250	6 980	9.0	0.20	55/2	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ S1				
25.00	58	250	6 980	9.0	0.26	25/1	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ R1				
21.90	66	250	6 720	9.2	0.30	2365/108	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ Q1				
20.21	72	250	6 490	9.2	0.36	2365/117	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ P1				
17.90	81	250	6 160	9.3	0.43	2255/126	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ N1				
14.90	97	250	5 680	9.5	0.58	715/48	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ M1				
14.02	103	250	5 520	9.5	0.67	715/51	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ L1				
12.56	115	250	5 260	9.6	0.75	2035/162	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ K1				
10.69	136	240	4 960	9.8	0.98	385/36	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ J1				
9.17	158	230	4 690	10.1	1.29	55/6			✓	✓	✓	✓	✓						2KJ3502 - ■■■■■ - ■■ H1				
7.89	184	220	4 550	10.3	1.66	1705/216			✓	✓	✓	✓	✓						2KJ3502 - ■■■■■ - ■■ G1				
6.60	220	200	4 590	15.1	0.94	897/136	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ F1				
6.21	233	200	4 550	15.1	1.08	1794/289	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ E1				
5.56	261	200	4 460	15.5	1.26	851/153	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ D1				
4.74	306	200	4 330	16.0	1.69	161/34	✓	✓	✓	✓	✓	✓							2KJ3502 - ■■■■■ - ■■ C1				
4.06	357	200	4 190	16.5	2.30	69/17			✓	✓	✓	✓	✓						2KJ3502 - ■■■■■ - ■■ B1				
3.50	414	192	4 050	17.1	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 frame size																Article No.
							63	71	80	90	100	112	132	160	180	200	225	250					
B.49																							
59.28	24	450	9 510	8.3	0.19	1067/18	✓	✓	✓	✓									2KJ3503 - ■■■■■■ - ■■ C2				
53.89	27	450	9 120	8.3	0.23	485/9	✓	✓	✓	✓									2KJ3503 - ■■■■■■ - ■■ B2				
45.83	32	450	8 480	8.3	0.28	275/6	✓	✓	✓	✓									2KJ3503 - ■■■■■■ - ■■ A2				
41.67	35	450	8 120	8.3	0.34	125/3	✓	✓	✓	✓									2KJ3503 - ■■■■■■ - ■■ X1				
37.18	39	450	7 710	8.4	0.40	4015/108	✓	✓	✓	✓	✓	✓							2KJ3503 - ■■■■■■ - ■■ W1				
33.33	44	450	7 320	8.4	0.48	100/3	✓	✓	✓	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ V1				
30.05	48	450	6 970	8.4	0.56	3245/108	✓	✓	✓	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ U1				
27.74	52	450	6 710	8.4	0.67	3245/117	✓	✓	✓	✓	✓	✓	✓						2KJ3503 - ■■■■■■ - ■■ T1				
25.32	57	450	6 420	8.5	0.80	1595/63	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ S1				
21.01	69	450	5 850	8.6	1.03	3025/144	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ R1				
19.77	73	450	5 670	8.6	1.18	3025/153	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ Q1				
18.67	78	450	5 510	8.6	1.34	3025/162	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ P1				
15.89	91	450	5 060	8.7	1.66	143/9	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ N1				
13.61	107	450	4 660	8.9	2.10	245/18			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ M1				
11.97	121	450	4 340	9.0	2.50	2585/216			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ L1				
10.10	144	450	3 930	9.2	3.30	2090/207			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ K1				
8.80	165	450	3 620	9.7	4.40	44/5			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ J1				
8.29	175	330	4 540	14.1	1.52	2255/272	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ H1				
7.80	186	330	4 410	14.1	1.74	2255/289	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ G1				
7.37	197	330	4 290	14.1	1.97	2255/306	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ F1				
6.27	231	330	3 970	14.4	2.50	533/85	✓	✓	✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ E1				
5.37	270	330	3 700	14.8	3.30	2009/374			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ D1				
4.72	307	330	3 690	15.1	4.10	1927/408			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ C1				
3.98	364	330	3 660	15.6	5.40	1558/391			✓	✓	✓	✓	✓	✓					2KJ3503 - ■■■■■■ - ■■ B1				
3.47	418	325	3 610	17.0	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 kgm²	R _{ex} -	Motor frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.39																		
157.32	9.2	220	6 080	7.3	0.04	3933/25	✓	✓										2KJ3504 - ■■■■■■ - ■■ J2
139.54	10	220	6 080	7.4	0.05	17442/125	✓	✓	✓	✓								2KJ3504 - ■■■■■■ - ■■ H2
121.07	12	220	6 080	7.4	0.06	30267/250	✓	✓	✓	✓								2KJ3504 - ■■■■■■ - ■■ G2
110.06	13	220	6 080	7.4	0.07	30267/275	✓	✓	✓	✓								2KJ3504 - ■■■■■■ - ■■ F2
94.39	15	220	6 080	7.4	0.09	11799/125	✓	✓	✓	✓								2KJ3504 - ■■■■■■ - ■■ E2
85.81	17	220	6 080	7.4	0.11	23598/275	✓	✓	✓	✓								2KJ3504 - ■■■■■■ - ■■ D2
75.24	19	220	6 080	7.5	0.12	1881/25	✓	✓	✓	✓	✓	✓						2KJ3504 - ■■■■■■ - ■■ C2
67.16	22	220	6 080	7.5	0.15	18468/275	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ B2
59.85	24	220	6 080	7.5	0.18	1197/20	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ A2
55.25	26	220	6 080	7.5	0.22	3591/65	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ X1
48.37	30	220	6 080	7.6	0.26	16929/350	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ W1
42.41	34	220	5 790	7.7	0.24	5301/125	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ V1
38.47	38	220	5 540	7.7	0.34	1539/40	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ U1
36.21	40	220	5 390	7.7	0.40	3078/85	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ T1
31.92	45	220	5 080	7.6	0.44	798/25	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ S1
27.70	52	220	4 760	7.7	0.60	13851/500	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ R1
26.89	54	220	4 690	9.2	0.26	6804/253	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ Q1
23.97	60	220	4 440	9.3	0.32	2205/92	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ P1
22.12	66	220	4 270	9.3	0.38	6615/299	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ N1
19.37	75	220	4 000	9.4	0.47	891/46	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ M1
16.98	85	220	3 740	9.6	0.51	1953/115	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ L1
15.41	94	220	3 560	9.7	0.67	2835/184	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ K1
14.50	100	220	3 450	9.7	0.78	5670/391	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ J1
12.78	113	220	3 220	9.7	0.92	294/23	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ H1
11.09	131	220	2 990	9.8	1.24	5103/460	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ G1
10.04	144	184	2 880	14.7	0.55	231/23	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ F1
8.81	165	183	2 790	15.1	0.62	3038/345	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ E1
7.99	181	175	2 810	15.3	0.80	735/92	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ D1
7.52	193	171	2 810	15.3	0.92	2940/391	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ C1
6.63	219	161	2 820	15.3	1.11	1372/207	✓	✓	✓	✓	✓	✓	✓					2KJ3504 - ■■■■■■ - ■■ B1
5.75	252	150	2 810	15.4	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 frame size																Article No.
							63	71	80	90	100	112	132	160	180	200	225	250					
K.49																							
200.25	7.2	420	7 820	6.7	0.06	12616/63	✓	✓										2KJ3505 - ■■■■■■ - ■■ J2					
178.06	8.1	420	7 820	6.8	0.07	6232/35	✓	✓	✓	✓								2KJ3505 - ■■■■■■ - ■■ H2					
156.34	9.3	420	7 820	6.8	0.08	5472/35	✓	✓	✓	✓								2KJ3505 - ■■■■■■ - ■■ G2					
142.13	10	420	7 820	6.8	0.10	10944/77	✓	✓	✓	✓								2KJ3505 - ■■■■■■ - ■■ F2					
121.60	12	420	7 820	6.8	0.12	608/5	✓	✓	✓	✓								2KJ3505 - ■■■■■■ - ■■ E2					
110.55	13	420	7 820	6.8	0.14	1216/11	✓	✓	✓	✓								2KJ3505 - ■■■■■■ - ■■ D2					
97.71	15	420	7 710	6.8	0.17	684/7	✓	✓	✓	✓	✓	✓						2KJ3505 - ■■■■■■ - ■■ C2					
88.83	16	420	7 370	6.8	0.22	6840/77	✓	✓	✓	✓	✓	✓	✓					2KJ3505 - ■■■■■■ - ■■ B2					
77.81	19	420	6 910	6.9	0.25	1634/21	✓	✓	✓	✓	✓	✓	✓					2KJ3505 - ■■■■■■ - ■■ A2					
71.82	20	420	6 640	6.9	0.30	6536/91	✓	✓	✓	✓	✓	✓	✓					2KJ3505 - ■■■■■■ - ■■ X1					
63.59	23	420	6 250	6.9	0.37	3116/49	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ W1					
52.93	27	420	5 680	7.0	0.50	741/14	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ V1					
49.82	29	420	5 500	7.0	0.58	5928/119	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ U1					
44.63	32	420	5 190	7.0	0.65	2812/63	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ T1					
38.00	38	420	4 740	7.1	0.84	38/1	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ S1					
32.57	45	420	4 340	7.1	1.11	228/7			✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ R1					
28.05	52	420	3 970	7.2	1.43	589/21			✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ Q1					
26.30	55	420	3 820	8.6	0.52	55040/2093	✓	✓	✓	✓	✓	✓	✓					2KJ3505 - ■■■■■■ - ■■ P1					
23.28	62	420	3 540	8.7	0.65	26240/1127	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ N1					
19.38	75	420	3 130	8.8	0.90	3120/161	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ M1					
18.24	79	420	3 000	8.8	1.03	49920/2737	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ L1					
16.34	89	420	2 780	9.0	1.21	23680/1449	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ K1					
13.91	104	420	2 880	9.1	1.62	320/23	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ J1					
11.93	122	420	3 000	9.3	2.20	1920/161			✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ H1					
10.27	141	415	3 080	9.5	2.90	4960/483			✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ G1					
9.75	149	275	2 960	14.2	1.03	39/4	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ F1					
9.18	158	270	2 980	14.2	1.19	156/17	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ E1					
8.22	176	255	3 010	14.5	1.40	74/9	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ D1					
7.00	207	240	3 030	14.8	1.88	7/1	✓	✓	✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ C1					
6.00	242	225	3 020	15.2	2.50	6/1			✓	✓	✓	✓	✓	✓				2KJ3505 - ■■■■■■ - ■■ B1					
5.17	280	210	2 990	15.4	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 kgm²	R _{ex} -	Motor frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.69																		
196.59	7.4	600	10 800	6.4	0.17	14744/75	✓	✓	✓	✓								2KJ3507 - ■■■■■■ - ■■ H2
178.72	8.1	600	10 800	6.4	0.20	29488/165	✓	✓	✓	✓								2KJ3507 - ■■■■■■ - ■■ G2
152.00	9.5	600	10 800	6.4	0.25	152/1	✓	✓	✓	✓								2KJ3507 - ■■■■■■ - ■■ F2
138.18	10	600	10 800	6.4	0.30	1520/11	✓	✓	✓	✓								2KJ3507 - ■■■■■■ - ■■ E2
123.29	12	600	10 800	6.4	0.35	5548/45	✓	✓	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ D2
110.55	13	600	10 800	6.4	0.42	1216/11	✓	✓	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ C2
99.64	15	600	10 800	6.4	0.49	4484/45	✓	✓	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ B2
91.98	16	600	10 600	6.4	0.58	17936/195	✓	✓	✓	✓	✓	✓						2KJ3507 - ■■■■■■ - ■■ A2
83.96	17	600	10 100	6.4	0.69	8816/105	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ X1
69.67	21	600	9 300	6.5	0.87	209/3	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ W1
65.57	22	600	9 030	6.5	1.01	3344/51	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ V1
61.93	23	600	8 770	6.5	1.15	1672/27	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ U1
52.69	28	600	8 090	6.5	1.40	3952/75	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ T1
45.14	32	600	7 470	6.5	1.70	7448/165			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ S1
39.69	37	600	6 980	6.5	2.10	1786/45			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ R1
33.48	43	580	6 500	6.5	2.60	11552/345			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ Q1
29.18	50	555	6 200	6.5	3.50	3648/125			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ P1
26.05	56	600	5 500	7.8	1.25	3751/144	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ N1
24.52	59	595	5 340	7.8	1.44	3751/153	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ M1
23.15	63	585	5 230	7.8	1.63	3751/162	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ L1
19.70	74	555	4 950	8.0	2.10	4433/225	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ K1
16.88	86	530	4 680	8.0	2.60	1519/90			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ J1
14.84	98	515	4 430	8.0	3.30	16027/1080			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ H1
12.52	116	490	4 170	8.0	4.30	12958/1035			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ G1
10.91	133	470	3 960	8.0	5.70	1364/125			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ F1
9.34	155	370	3 640	13.0	2.40	3224/345	✓	✓	✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ E1
8.01	181	365	3 330	13.0	3.10	6076/759			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ D1
7.04	206	365	3 210	13.0	3.90	1457/207			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ C1
5.94	244	345	3 350	13.0	5.10	9424/1587			✓	✓	✓	✓	✓					2KJ3507 - ■■■■■■ - ■■ B1
5.18	280	330	3 420	13.0	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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.79																		
244.25	5.9	820	13 900	5.7	0.17	175861/720	✓	✓	✓	✓								2KJ3508 - ■■■■■ - ■■ J2
222.05	6.5	820	13 900	5.7	0.20	175861/792	✓	✓	✓	✓								2KJ3508 - ■■■■■ - ■■ H2
188.85	7.7	820	13 900	5.7	0.25	9065/48	✓	✓	✓	✓								2KJ3508 - ■■■■■ - ■■ G2
171.69	8.4	820	13 900	5.7	0.31	45325/264	✓	✓	✓	✓								2KJ3508 - ■■■■■ - ■■ F2
153.18	9.5	820	13 900	5.8	0.35	132349/864	✓	✓	✓	✓	✓	✓						2KJ3508 - ■■■■■ - ■■ E2
137.35	11	820	13 900	5.8	0.42	9065/66	✓	✓	✓	✓	✓	✓						2KJ3508 - ■■■■■ - ■■ D2
123.80	12	820	13 900	5.8	0.50	106967/864	✓	✓	✓	✓	✓	✓						2KJ3508 - ■■■■■ - ■■ C2
114.28	13	820	13 900	5.8	0.59	106967/936	✓	✓	✓	✓	✓	✓						2KJ3508 - ■■■■■ - ■■ B2
104.32	14	820	13 900	5.8	0.70	7511/72	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ A2
86.56	17	820	13 900	5.8	0.89	99715/1152	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ X1
81.47	18	820	13 900	5.8	1.02	99715/1224	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ W1
76.94	19	820	13 900	5.8	1.16	99715/1296	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ V1
65.47	22	820	13 900	5.9	1.42	23569/360	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ U1
56.08	26	820	13 900	5.9	1.73	88837/1584			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ T1
49.31	29	820	13 900	5.9	2.10	85211/1728			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ S1
41.60	35	800	14 000	6.0	2.70	34447/828			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ R1
36.26	40	770	14 000	6.1	3.60	1813/50			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ Q1
32.78	44	820	13 900	7.2	0.94	6293/192	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ P1
27.20	53	800	14 000	7.3	1.23	83545/3072	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ N1
25.60	57	785	14 000	7.3	1.41	83545/3264	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ M1
24.17	60	770	14 000	7.3	1.60	83545/3456	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ L1
20.57	70	740	14 100	7.4	2.00	19747/960	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ K1
17.62	82	715	13 800	7.5	2.60	74431/4224			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ J1
15.49	94	695	13 300	7.6	3.20	71393/4608			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ H1
13.07	111	665	12 600	7.8	4.20	28861/2208			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ G1
11.39	127	645	12 000	8.3	5.50	4557/400			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ F1
10.51	138	445	12 600	10.4	2.30	1209/115	✓	✓	✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ E1
9.01	161	450	11 900	10.6	3.00	4557/506			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ D1
7.92	183	450	11 300	10.8	3.70	1457/184			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ C1
6.68	217	455	10 900	11.1	4.90	3534/529			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ B1
5.82	249	430	10 700	12.1	6.60	3348/575			✓	✓	✓	✓	✓					2KJ3508 - ■■■■■ - ■■ 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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.89																		
231.80	6.3	1 600	18 100	5.6	0.42	10199/44	✓	✓	✓									2KJ3510 - ■■■■■ - ■■ K2
210.72	6.9	1 600	18 100	5.6	0.51	50995/242	✓	✓	✓									2KJ3510 - ■■■■■ - ■■ J2
189.01	7.7	1 600	18 100	5.6	0.71	149695/792	✓	✓	✓	✓	✓							2KJ3510 - ■■■■■ - ■■ H2
169.94	8.5	1 600	18 100	5.6	0.80	41125/242	✓	✓	✓	✓	✓							2KJ3510 - ■■■■■ - ■■ G2
153.70	9.4	1 600	18 100	5.6	0.88	60865/396	✓	✓	✓	✓	✓							2KJ3510 - ■■■■■ - ■■ F2
141.88	10	1 600	18 100	5.6	1.05	60865/429	✓	✓	✓	✓	✓							2KJ3510 - ■■■■■ - ■■ E2
129.96	11	1 600	18 100	5.6	1.37	17155/132	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ D2
109.04	13	1 600	18 100	5.6	1.45	57575/528	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ C2
102.63	14	1 600	18 100	5.6	1.66	57575/561	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ B2
94.16	15	1 600	18 100	5.6	1.81	27965/297	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ A2
82.25	18	1 600	18 100	5.6	2.60	329/4	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ X1
73.64	20	1 600	18 100	5.6	3.20	106925/1452		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ W1
64.39	23	1 600	18 100	5.6	3.70	50995/792		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ V1
55.27	26	1 600	18 100	5.6	4.10	27965/506		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ U1
48.85	30	1 600	18 100	5.6	5.20	16121/330		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ T1
41.54	35	1 570	18 100	5.6	6.60	8225/198				✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ S1
39.29	37	1 600	18 100	7.0	1.86	11315/288	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ R1
32.96	44	1 600	18 100	7.0	2.10	37975/1152	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ Q1
31.03	47	1 600	18 100	7.0	2.40	37975/1224	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ P1
28.46	51	1 600	18 100	7.0	2.70	18445/648	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ N1
24.86	58	1 600	18 100	7.1	3.80	2387/96	✓	✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ M1
22.26	65	1 600	18 100	7.1	4.70	70525/3168		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ L1
19.46	75	1 560	17 900	7.1	5.70	33635/1728		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ K1
16.71	87	1 480	17 200	7.1	6.80	18445/1104		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ J1
14.77	98	1 420	16 600	7.1	8.60	10633/720		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ H1
12.56	115	1 330	16 300	7.1	11.00	5425/432				✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ G1
10.76	135	1 250	16 100	7.1	15.00	775/72				✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ F1
10.51	138	845	16 100	10.8	6.40	6727/640		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ E1
9.02	161	800	15 400	10.8	7.70	33201/3680		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ D1
7.97	182	770	14 800	10.8	9.80	31899/4000		✓	✓	✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ C1
6.78	214	720	14 500	10.8	13.00	217/32				✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ B1
5.81	250	675	14 200	10.8	17.00	93/16				✓	✓	✓	✓					2KJ3510 - ■■■■■ - ■■ 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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.109																		
216.65	6.7	2 900	24 500	5.6	1.27	107242/495			✓	✓	✓	✓						2KJ3511 - ■■■■■■ - ■■ H2
195.60	7.4	2 900	24 500	5.6	1.37	118336/605			✓	✓	✓	✓						2KJ3511 - ■■■■■■ - ■■ G2
177.43	8.2	2 900	24 500	5.6	1.61	35131/198			✓	✓	✓	✓						2KJ3511 - ■■■■■■ - ■■ F2
163.78	8.9	2 900	24 500	5.6	1.9	70262/429			✓	✓	✓	✓						2KJ3511 - ■■■■■■ - ■■ E2
148.88	9.7	2 900	24 500	5.6	2.2	57319/385			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ D2
126.07	12	2 900	24 500	5.6	2.6	5547/44			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ C2
118.65	12	2 900	24 500	5.6	2.6	22188/187			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ B2
109.57	13	2 900	24 500	5.6	4.1	14792/135			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ A2
97.49	15	2 900	24 500	5.6	5.0	53621/550			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ X1
86.59	17	2 900	24 500	5.7	6.0	31433/363			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ W1
77.51	19	2 900	24 500	5.7	5.9	153467/1980			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ V1
66.26	22	2 900	24 500	5.7	6.8	251464/3795			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ U1
59.17	25	2 900	24 500	5.8	8.6	7396/125			✓	✓	✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ T1
52.29	28	2 900	24 500	5.8	9.7	25886/495					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ S1
45.89	32	2 900	24 500	5.8	14	159014/3465					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ R1
39.95	36	2 820	23 900	5.8	17	151618/3795					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ Q1
34.15	42	2 710	22 700	5.8	21	118336/3465					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ P1
29.23	50	2 620	21 500	5.8	27	7396/253					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ N1
24.98	58	2 380	21 000	6.9	9.9	163744/6555			✓	✓	✓	✓	✓	✓				2KJ3511 - ■■■■■■ - ■■ M1
22.31	65	2 380	20 000	7.1	13	52976/2375			✓	✓	✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ L1
19.71	74	2 380	18 900	7.1	15	16856/855					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ K1
17.30	84	2 400	17 800	7.1	20	14792/855					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ J1
15.06	96	2 310	17 500	7.1	25	98728/6555					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ H1
12.87	113	2 200	17 500	7.1	33	11008/855					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ G1
11.02	132	2 100	17 400	7.2	43	4816/437					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ F1
10.45	139	1 260	17 600	10.8	17	784/75					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ E1
9.17	158	1 270	16 700	10.8	23	688/75					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ D1
7.99	181	1 280	16 300	10.8	29	4592/575					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ C1
6.83	212	1 300	16 000	10.8	38	512/75					✓	✓	✓	✓	✓			2KJ3511 - ■■■■■■ - ■■ B1
5.84	248	1 300	15 700	11.0	49	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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.129																		
228.30	6.4	4 400	37 600	6.3	3.3	30821/135				✓	✓	✓						2KJ3512 - ■■■■■■ - ■■ J2
210.74	6.9	4 400	37 600	6.3	3.9	123284/585				✓	✓	✓						2KJ3512 - ■■■■■■ - ■■ H2
194.04	7.5	4 400	37 600	6.3	4.5	8732/45				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ G2
165.47	8.8	4 400	37 600	6.3	5.6	5957/36				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ F2
155.74	9.3	4 400	37 600	6.3	6.4	23828/153				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ E2
144.53	10	4 400	37 600	6.3	7.0	58534/405				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ D2
127.77	11	4 400	37 600	6.3	8.4	9583/75				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ C2
114.06	13	4 400	37 600	6.3	10	56462/495				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ B2
102.64	14	4 400	37 600	6.3	12	27713/270				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ A2
89.09	16	4 400	37 600	6.3	14	92204/1035				✓	✓	✓	✓	✓				2KJ3512 - ■■■■■■ - ■■ X1
80.12	18	4 400	37 600	6.3	17	30044/375				✓	✓	✓	✓	✓	✓			2KJ3512 - ■■■■■■ - ■■ W1
70.03	21	4 400	37 600	6.3	19	18907/270					✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ V1
62.49	23	4 400	36 200	6.4	23	2812/45					✓	✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ U1
55.05	26	4 400	34 300	6.4	27	11396/207					✓	✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ T1
48.24	30	4 400	32 400	6.4	33	6512/135					✓	✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ S1
42.04	34	4 400	30 500	6.4	39	14504/345					✓	✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ R1
38.37	38	4 400	29 200	6.9	45	1036/27					✓	✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ Q1
33.03	44	4 400	27 300	7.0	55	11396/345							✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ P1
31.55	46	4 400	26 700	7.0	23	3944/125				✓	✓	✓	✓	✓	✓			2KJ3512 - ■■■■■■ - ■■ N1
27.58	53	4 400	25 000	7.0	27	1241/45					✓	✓	✓	✓	✓	✓		2KJ3512 - ■■■■■■ - ■■ M1
24.61	59	4 400	23 700	7.1	33	2584/105						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ L1
21.68	67	4 270	22 700	7.1	40	1496/69						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ K1
19.00	76	4 140	21 700	7.1	50	5984/315						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ J1
16.56	88	4 020	20 600	7.2	62	1904/115						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ H1
15.11	96	3 940	20 000	7.2	72	136/9						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ G1
13.01	111	3 810	19 000	7.2	91	1496/115							✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ F1
11.80	123	2 830	21 400	9.5	46	119680/10143						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ E1
10.34	140	2 850	20 100	9.6	57	95744/9261						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ D1
9.01	161	2 760	19 500	9.7	71	4352/483						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ C1
8.22	176	2 680	19 500	9.8	83	10880/1323						✓	✓	✓	✓	✓	✓	2KJ3512 - ■■■■■■ - ■■ B1
7.08	205	2 530	19 500	9.9	107	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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.149																		
237.03	6.1	8 000	65 000	5.3	7.1	83433/352				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ J2
202.86	7.1	8 000	65 000	5.3	9.0	285621/1408				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ H2
190.92	7.6	8 000	65 000	5.3	10	285621/1496				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ G2
178.97	8.1	8 000	65 000	5.3	11	188993/1056				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ F2
158.65	9.1	8 000	65 000	5.3	14	558453/3520				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ E2
140.93	10	8 000	64 100	5.3	16	17052/121				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ D2
127.16	11	8 000	61 400	5.3	19	89523/704				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ C2
112.68	13	8 000	58 400	5.3	23	456141/4048				✓	✓	✓	✓	✓				2KJ3513 - ■■■■■ - ■■ B2
99.79	15	8 000	55 600	5.4	26	439089/4400				✓	✓	✓	✓	✓	✓			2KJ3513 - ■■■■■ - ■■ A2
88.81	16	8 000	52 900	5.4	31	1421/16				✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■ - ■■ X1
79.59	18	8 000	50 400	5.4	37	14007/176				✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■ - ■■ W1
70.56	21	8 000	47 900	5.4	43	285621/4048				✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■ - ■■ V1
62.28	23	8 000	45 300	5.4	52	5481/88				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ U1
54.76	26	8 000	42 700	5.4	63	55419/1012				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ T1
49.60	29	8 000	40 800	5.4	70	8729/176				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ S1
43.18	34	8 000	38 200	5.4	85	174783/4048						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ R1
35.40	41	7 850	35 100	5.5	110	80997/2288						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ Q1
32.33	45	7 760	33 900	6.1	49	12673/392				✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■ - ■■ P1
28.66	51	7 630	32 200	6.1	59	36917/1288				✓	✓	✓	✓	✓	✓	✓		2KJ3513 - ■■■■■ - ■■ N1
25.30	57	7 420	30 900	6.1	73	4959/196				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ M1
22.25	65	7 210	29 500	6.2	89	7163/322				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ L1
20.15	72	7 070	28 400	6.2	103	23693/1176				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ K1
17.54	83	6 890	28 500	6.3	128	22591/1288						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ J1
14.38	101	6 660	29 000	6.3	174	10469/728						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ H1
14.15	102	4 140	31 100	8.0	79	17328/1225				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ G1
12.44	117	4 030	29 800	8.0	97	150176/12075				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ F1
11.26	129	3 950	28 800	8.1	113	124184/11025				✓	✓	✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ E1
9.81	148	3 850	28 400	8.2	141	118408/12075						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ D1
8.04	180	3 720	28 000	8.3	194	54872/6825						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ C1
6.82	213	3 630	27 500	8.4	266	89528/13125						✓	✓	✓	✓	✓	✓	2KJ3513 - ■■■■■ - ■■ B1

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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.169																		
223.30	6.5	13 000	70 000	5.2	18	273319/1224					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ F2
208.35	7.0	13 000	70 000	5.2	20	135013/648					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ E2
185.23	7.8	13 000	70 000	5.2	24	29637/160					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ D2
166.31	8.7	13 000	70 000	5.2	28	16465/99					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ C2
150.55	9.6	13 000	70 000	5.2	33	260147/1728					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ B2
132.24	11	13 000	70 000	5.2	40	437969/3312					✓	✓	✓	✓				2KJ3514 - ■■■■■■ - ■■ A2
119.83	12	13 000	70 000	5.2	47	431383/3600					✓	✓	✓	✓	✓			2KJ3514 - ■■■■■■ - ■■ X1
106.72	14	13 000	70 000	5.2	54	23051/216					✓	✓	✓	✓	✓	✓		2KJ3514 - ■■■■■■ - ■■ W1
95.83	15	13 000	70 000	5.2	65	36223/378					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ V1
85.51	17	13 000	70 000	5.2	75	141599/1656					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ U1
76.23	19	13 000	70 000	5.2	88	16465/216					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ T1
67.61	21	13 000	66 900	5.3	103	55981/828					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ S1
62.07	23	13 000	64 500	5.3	114	62567/1008					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ R1
54.68	27	13 000	60 900	5.3	134	181115/3312							✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ Q1
44.86	32	13 000	55 700	5.3	180	55981/1248								✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ P1
39.33	37	13 000	52 300	5.3	198	141599/3600									✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ N1
30.75	47	13 000	46 500	5.4	309	42809/1392										✓	✓	2KJ3514 - ■■■■■■ - ■■ M1
29.43	49	13 000	45 500	5.8	133	25721/874					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ L1
27.02	54	13 000	43 500	5.9	151	1513/56					✓	✓	✓	✓	✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ K1
23.80	61	13 000	40 800	5.9	181	83215/3496									✓	✓	✓	2KJ3514 - ■■■■■■ - ■■ J1
19.53	74	12 700	40 000	6.0	249	77163/3952										✓	✓	2KJ3514 - ■■■■■■ - ■■ H1
17.12	85	12 400	40 800	6.0	288	65059/3800											✓	2KJ3514 - ■■■■■■ - ■■ G1
13.39	108	11 900	41 300	6.2	457	59007/4408												2KJ3514 - ■■■■■■ - ■■ F1
12.20	119	6 760	38 700	8.1	202	143990/11799												2KJ3514 - ■■■■■■ - ■■ E1
10.01	145	6 530	37 800	8.3	280	22253/2223												2KJ3514 - ■■■■■■ - ■■ D1
8.78	165	6 360	37 800	8.3	328	112574/12825												2KJ3514 - ■■■■■■ - ■■ C1
6.86	211	6 130	37 300	8.8	523	34034/4959												2KJ3514 - ■■■■■■ - ■■ B1

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 frame size										Article No.	
							63	71	80	90	100	112	132	160	180	200		225
K.189																		
199.51	7.3	19 100	104 000	4.8	37	186543/935						✓	✓	✓				2KJ3515 - ■■■■■ - ■■ W1
178.49	8.1	19 500	104 000	4.8	43	367164/2057						✓	✓	✓				2KJ3515 - ■■■■■ - ■■ V1
160.98	9	19 500	104 000	4.8	50	60207/374						✓	✓	✓				2KJ3515 - ■■■■■ - ■■ U1
142.28	10	19 500	104 000	4.8	62	611940/4301						✓	✓	✓				2KJ3515 - ■■■■■ - ■■ T1
130.05	11	19 500	104 000	4.8	73	55272/425						✓	✓	✓	✓			2KJ3515 - ■■■■■ - ■■ S1
117.00	12	19 500	104 000	4.8	86	43757/374						✓	✓	✓	✓	✓		2KJ3515 - ■■■■■ - ■■ R1
104.56	14	19 500	104 000	4.8	100	19552/187						✓	✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ Q1
94.55	15	19 500	104 000	4.8	119	406644/4301						✓	✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ P1
83.44	17	19 500	104 000	4.8	140	15604/187						✓	✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ N1
74.35	20	19 500	104 000	4.8	164	319788/4301						✓	✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ M1
67.36	22	19 500	104 000	4.8	182	12596/187						✓	✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ L1
60.58	24	19 500	104 000	4.8	220	23688/391							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ K1
50.34	29	19 500	104 000	4.8	273	122388/2431							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ J1
44.76	32	19 500	99 100	4.8	334	209244/4675							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ H1
35.67	41	19 500	89 900	4.9	455	193452/5423							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ G1
28.39	51	19 500	81 300	5.0	586	153972/5423									✓	✓	✓	2KJ3515 - ■■■■■ - ■■ F1
25.37	57	19 500	77 300	5.3	335	11088/437							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ E1
21.09	69	19 500	70 900	5.4	439	5208/247							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ D1
18.75	77	19 500	67 000	5.4	545	8904/475							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ C1
14.94	97	19 500	60 000	5.6	786	8232/551							✓	✓	✓	✓	✓	2KJ3515 - ■■■■■ - ■■ B1
11.89	122	19 500	61 300	5.7	1 109	6552/551									✓	✓	✓	2KJ3515 - ■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data

i	n_2 rpm	T_{2N} Nm	F_{R2} N	φ ¹⁾	J_G 10^{-4} kgm^2	R_{ex}	Motor frame size								Article No.
-	-	-	-	-	-	-	63	71	80	90	100	112	132	160	-
K.39-D19															
6 699	0.22	220	6 080	-	0.11	167640192/25025	✓	✓							2KJ3521 - ■■■■■■ - ■■ H1
5 949	0.24	220	6 080	-	0.13	13533453/2275	✓	✓							2KJ3521 - ■■■■■■ - ■■ G1
5 491	0.26	220	6 080	-	0.16	162401436/29575	✓	✓							2KJ3521 - ■■■■■■ - ■■ F1
4 770	0.30	220	6 080	-	0.17	75961962/15925	✓	✓							2KJ3521 - ■■■■■■ - ■■ E1
4 145	0.35	220	6 080	-	0.18	47148804/11375	✓	✓							2KJ3521 - ■■■■■■ - ■■ D1
3 742	0.39	220	6 080	-	0.22	1309689/350	✓	✓							2KJ3521 - ■■■■■■ - ■■ C1
3 522	0.41	220	6 080	-	0.26	10477512/2975	✓	✓							2KJ3521 - ■■■■■■ - ■■ B1
3 070	0.47	220	6 080	-	0.29	6985008/2275	✓	✓							2KJ3521 - ■■■■■■ - ■■ A1
K.39-Z19															
3 001	0.48	220	6 080	-	0.02	975384/325	✓	✓							2KJ3520 - ■■■■■■ - ■■ E2
2 657	0.55	220	6 080	-	0.03	4318434/1625	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ D2
2 309	0.63	220	6 080	-	0.04	3752082/1625	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ C2
2 099	0.69	220	6 080	-	0.05	7504164/3575	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ B2
1 786	0.81	220	6 080	-	0.07	2902554/162	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ A2
1 624	0.89	220	6 080	-	0.08	5805108/3575	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ X1
1 416	1.0	220	6 080	-	0.09	35397/25	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ W1
1 267	1.1	220	6 080	-	0.12	4530816/3575	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ V1
1 125	1.3	220	6 080	-	0.15	365769/325	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ U1
1 039	1.4	220	6 080	-	0.18	4389228/4225	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ T1
902	1.6	220	6 080	-	0.20	2053026/2275	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ S1
784	1.8	220	6 080	-	0.21	1274292/1625	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ R1
708	2.0	220	6 080	-	0.27	35397/50	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ Q1
666	2.2	220	6 080	-	0.32	283176/425	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ P1
581	2.5	220	6 080	-	0.36	188784/325	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ N1
536	2.7	220	6 080	-	0.19	243846/455	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ M1
466	3.1	220	6 080	-	0.22	114057/245	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ L1
405	3.6	220	6 080	-	0.23	70794/175	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ K1
365	4.0	220	6 080	-	0.29	51129/140	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ J1
343.72	4.2	220	6 080	-	0.35	204516/595	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ H1
329.29	4.4	220	6 080	-	0.32	699732/2125	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ G1
287.07	5.1	220	6 080	-	0.37	466488/1625	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ F1
264.86	5.5	220	6 080	-	0.19	602547/2275	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ E1
230.07	6.3	220	6 080	-	0.22	563673/2450	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ D1
199.92	7.3	220	6 080	-	0.23	174933/875	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ C1
180.49	8.0	220	6 080	-	0.30	252681/1400	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ B1
169.87	8.5	220	6 080	-	0.35	505362/2975	✓	✓	✓						2KJ3520 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds**Selection and ordering data (continued)**

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm^2	-	63	71	80	90	100	112	132	160	
K.49-D19															
9 641	0.15	420	7 820	-	0.08	67488/7	✓	✓							2KJ3523 - ■■■■■■ - ■■ J1
8 630	0.17	420	7 820	-	0.11	8638464/1001	✓	✓							2KJ3523 - ■■■■■■ - ■■ H1
7 663	0.19	420	7 820	-	0.13	697376/91	✓	✓							2KJ3523 - ■■■■■■ - ■■ G1
7 074	0.20	420	7 820	-	0.16	8368512/1183	✓	✓							2KJ3523 - ■■■■■■ - ■■ F1
6 145	0.24	420	7 820	-	0.17	3914304/637	✓	✓							2KJ3523 - ■■■■■■ - ■■ E1
5 340	0.27	420	7 820	-	0.18	2429568/455	✓	✓							2KJ3523 - ■■■■■■ - ■■ D1
4 821	0.30	420	7 820	-	0.22	33744/7	✓	✓							2KJ3523 - ■■■■■■ - ■■ C1
4 537	0.32	420	7 820	-	0.26	539904/119	✓	✓							2KJ3523 - ■■■■■■ - ■■ B1
3 955	0.37	420	7 820	-	0.29	359936/91	✓	✓							2KJ3523 - ■■■■■■ - ■■ A1
K.49-Z19															
3 866	0.38	420	7 820	-	0.02	150784/39	✓	✓							2KJ3522 - ■■■■■■ - ■■ G2
3 424	0.42	420	7 820	-	0.03	222528/65	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ F2
2 975	0.49	420	7 820	-	0.04	193344/65	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ E2
2 704	0.54	420	7 820	-	0.05	386688/143	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ D2
2 301	0.63	420	7 820	-	0.07	149568/65	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ C2
2 092	0.69	420	7 820	-	0.08	299136/143	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ B2
1 824	0.79	420	7 820	-	0.09	1824/1	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ A2
1 633	0.89	420	7 820	-	0.12	233472/143	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ W1
1 450	1.0	420	7 820	-	0.15	18848/13	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ V1
1 338	1.1	420	7 820	-	0.18	226176/169	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ U1
1 163	1.2	420	7 820	-	0.20	105792/91	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ T1
1 010	1.4	420	7 820	-	0.21	65664/65	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ S1
912	1.6	420	7 820	-	0.27	912/1	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ R1
858	1.7	420	7 820	-	0.32	14592/17	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ Q1
748	1.9	420	7 820	-	0.36	9728/13	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ P1
690	2.1	420	7 820	-	0.19	188480/273	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ N1
600	2.4	420	7 820	-	0.22	88160/147	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ M1
521	2.8	420	7 820	-	0.23	3648/7	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ L1
470	3.1	420	7 820	-	0.30	9880/21	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ K1
443	3.3	420	7 820	-	0.35	158080/357	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ J1
437	3.3	420	7 820	-	0.27	24453/56	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ H1
411	3.5	420	7 820	-	0.32	48906/119	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ G1
358	4.1	420	7 820	-	0.37	2508/7	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ F1
330.56	4.4	420	7 820	-	0.20	32395/98	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ E1
287.15	5.0	420	7 820	-	0.23	393965/1372	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ D1
249.52	5.8	420	7 820	-	0.24	24453/98	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ C1
225.26	6.4	420	7 820	-	0.31	176605/784	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ B1
212.01	6.8	420	7 820	-	0.37	176605/833	✓	✓	✓						2KJ3522 - ■■■■■■ - ■■ A1

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SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10 ⁻⁴ kgm ²	-	63	71	80	90	100	112	132	160	
K.69-D19															
9 641	0.15	600	10 800	-	0.08	67488/7	✓	✓							2KJ3525 - ■■■■■■ - ■■ J1
8 630	0.17	600	10 800	-	0.11	8638464/1001	✓	✓							2KJ3525 - ■■■■■■ - ■■ H1
7 663	0.19	600	10 800	-	0.13	697376/91	✓	✓							2KJ3525 - ■■■■■■ - ■■ G1
7 074	0.20	600	10 800	-	0.16	8368512/1183	✓	✓							2KJ3525 - ■■■■■■ - ■■ F1
6 145	0.24	600	10 800	-	0.17	3914304/637	✓	✓							2KJ3525 - ■■■■■■ - ■■ E1
5 340	0.27	600	10 800	-	0.18	2429568/455	✓	✓							2KJ3525 - ■■■■■■ - ■■ D1
4 821	0.30	600	10 800	-	0.22	33744/7	✓	✓							2KJ3525 - ■■■■■■ - ■■ C1
4 537	0.32	600	10 800	-	0.26	539904/119	✓	✓							2KJ3525 - ■■■■■■ - ■■ B1
3 955	0.37	600	10 800	-	0.29	359936/91	✓	✓							2KJ3525 - ■■■■■■ - ■■ A1
K.69-Z19															
3 866	0.38	600	10 800	-	0.02	150784/39	✓	✓							2KJ3524 - ■■■■■■ - ■■ F2
3 424	0.42	600	10 800	-	0.03	222528/65	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ E2
2 975	0.49	600	10 800	-	0.04	193344/65	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ D2
2 704	0.54	600	10 800	-	0.05	386688/143	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ C2
2 301	0.63	600	10 800	-	0.07	149568/65	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ B2
2 092	0.69	600	10 800	-	0.08	299136/143	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ A2
1 824	0.79	600	10 800	-	0.10	1824/1	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ W1
1 633	0.89	600	10 800	-	0.13	233472/143	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ V1
1 450	1.0	600	10 800	-	0.15	18848/13	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ U1
1 338	1.1	600	10 800	-	0.18	226176/169	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ T1
1 163	1.2	600	10 800	-	0.21	105792/91	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ S1
1 010	1.4	600	10 800	-	0.21	65664/65	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ R1
912	1.6	600	10 800	-	0.27	912/1	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ Q1
858	1.7	600	10 800	-	0.32	14592/17	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ P1
748	1.9	600	10 800	-	0.37	9728/13	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ N1
690	2.1	600	10 800	-	0.20	188480/273	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ M1
600	2.4	600	10 800	-	0.23	88160/147	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ L1
521	2.8	600	10 800	-	0.24	3648/7	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ K1
470	3.1	600	10 800	-	0.31	9880/21	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ J1
443	3.3	600	10 800	-	0.37	158080/357	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ H1
419	3.5	600	10 800	-	0.38	147136/351	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ G1
387	3.7	600	10 800	-	0.22	2850760/7371	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ F1
335.96	4.3	600	10 800	-	0.25	1333420/3969	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ E1
291.94	5.0	600	10 800	-	0.27	18392/63	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ D1
263.55	5.5	600	10 800	-	0.35	149435/567	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ C1
248.05	5.8	600	10 800	-	0.41	2390960/9639	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ B1
216.25	6.7	600	10 800	-	0.48	367840/1701	✓	✓	✓						2KJ3524 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm^2	-	63	71	80	90	100	112	132	160	
K.79-D19															
9 522	0.15	820	13 900	-	0.13	1485365/156	✓	✓							2KJ3527 - ■■■■■■ - ■■ G1
8 789	0.16	820	13 900	-	0.16	1485365/169	✓	✓							2KJ3527 - ■■■■■■ - ■■ F1
7 635	0.19	820	13 900	-	0.17	198505/26	✓	✓							2KJ3527 - ■■■■■■ - ■■ E1
6 634	0.22	820	13 900	-	0.18	86247/13	✓	✓							2KJ3527 - ■■■■■■ - ■■ D1
5 989	0.24	820	13 900	-	0.22	47915/8	✓	✓							2KJ3527 - ■■■■■■ - ■■ C1
5 637	0.26	820	13 900	-	0.26	95830/17	✓	✓							2KJ3527 - ■■■■■■ - ■■ B1
4 914	0.30	820	13 900	-	0.29	191660/39	✓	✓							2KJ3527 - ■■■■■■ - ■■ A1
K.79-Z19															
4 804	0.30	820	13 900	-	0.02	562030/117	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ F2
4 254	0.34	820	13 900	-	0.03	110593/26	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ E2
3 696	0.39	820	13 900	-	0.04	96089/26	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ D2
3 360	0.43	820	13 900	-	0.05	480445/143	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ C2
2 859	0.51	820	13 900	-	0.07	74333/26	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ B2
2 599	0.56	820	13 900	-	0.08	371665/143	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ A2
2 266	0.64	820	13 900	-	0.10	9065/4	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ W1
2 029	0.71	820	13 900	-	0.13	290080/143	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ V1
1 801	0.81	820	13 900	-	0.15	281015/156	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ U1
1 663	0.87	820	13 900	-	0.18	281015/169	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ T1
1 444	1.0	820	13 900	-	0.21	37555/26	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ S1
1 255	1.2	820	13 900	-	0.21	16317/13	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ R1
1 133	1.3	820	13 900	-	0.27	9065/8	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ Q1
1 066	1.4	820	13 900	-	0.32	18130/17	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ P1
930	1.6	820	13 900	-	0.37	36260/39	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ N1
858	1.7	820	13 900	-	0.20	200725/234	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ M1
745	1.9	820	13 900	-	0.23	26825/36	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ L1
648	2.2	820	13 900	-	0.24	1295/2	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ K1
585	2.5	820	13 900	-	0.31	84175/144	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ J1
550	2.6	820	13 900	-	0.37	84175/153	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ H1
521	2.8	820	13 900	-	0.38	1096865/2106	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ G1
481	3.0	820	13 900	-	0.22	24287725/50544	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ F1
417	3.5	820	13 900	-	0.25	3245825/7776	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ E1
363	4.0	820	13 900	-	0.27	156695/432	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ D1
327.46	4.4	820	13 900	-	0.35	10185175/31104	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ C1
308.19	4.7	820	13 900	-	0.41	10185175/33048	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ B1
268.68	5.4	820	13 900	-	0.48	783475/2916	✓	✓	✓						2KJ3526 - ■■■■■■ - ■■ A1

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SIMOGEAR geared motors

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Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10 ⁻⁴ kgm ²	-	63	71	80	90	100	112	132	160	
K.89-D39															
9 761	0.15	1 600	18 100	-	0.17	1577036825/161568	✓	✓	✓	✓	✓	✓			2KJ3530 - ■■■■■■ - ■■ E1
9 010	0.16	1 600	18 100	-	0.21	121310525/13464	✓	✓	✓	✓	✓	✓			2KJ3530 - ■■■■■■ - ■■ D1
7 888	0.18	1 600	18 100	-	0.25	6436885/816	✓	✓	✓	✓	✓	✓			2KJ3530 - ■■■■■■ - ■■ C1
6 916	0.21	1 600	18 100	-	0.23	279360809/40392	✓	✓	✓	✓	✓	✓			2KJ3530 - ■■■■■■ - ■■ B1
6 275	0.23	1 600	18 100	-	0.33	225290975/35904	✓	✓	✓	✓	✓	✓			2KJ3530 - ■■■■■■ - ■■ A1
K.89-Z39															
6 101	0.24	1 600	18 100	-	0.06	86972795/14256	✓	✓							2KJ3528 - ■■■■■■ - ■■ F2
5 425	0.27	1 600	18 100	-	0.07	8592493/1584	✓	✓	✓	✓					2KJ3528 - ■■■■■■ - ■■ E2
4 763	0.30	1 600	18 100	-	0.08	209573/44	✓	✓	✓	✓					2KJ3528 - ■■■■■■ - ■■ D2
4 330	0.33	1 600	18 100	-	0.10	1047865/242	✓	✓	✓	✓					2KJ3528 - ■■■■■■ - ■■ C2
3 705	0.39	1 600	18 100	-	0.12	1467011/396	✓	✓	✓	✓					2KJ3528 - ■■■■■■ - ■■ B2
3 368	0.43	1 600	18 100	-	0.14	7335055/2178	✓	✓	✓	✓					2KJ3528 - ■■■■■■ - ■■ A2
2 977	0.49	1 600	18 100	-	0.17	1047865/352	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ W1
2 706	0.54	1 600	18 100	-	0.22	5239325/1936	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ V1
2 370	0.61	1 600	18 100	-	0.26	45058195/19008	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ U1
2 188	0.66	1 600	18 100	-	0.31	3466015/1584	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ T1
1 937	0.75	1 600	18 100	-	0.36	6137495/3168	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ S1
1 612	0.90	1 600	18 100	-	0.48	13622245/8448	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ R1
1 518	0.96	1 600	18 100	-	0.56	13622245/8976	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ Q1
1 360	1.1	1 600	18 100	-	0.61	38771005/28512	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ P1
1 158	1.3	1 600	18 100	-	0.79	7335055/6336	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ N1
992	1.5	1 600	18 100	-	1.04	1047865/1056			✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ M1
854	1.7	1 600	18 100	-	1.32	32483815/38016			✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ L1
705	2.1	1 600	18 100	-	0.61	45656975/64768	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ K1
663	2.2	1 600	18 100	-	0.70	45656975/68816	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ J1
594	2.4	1 600	18 100	-	0.79	129946775/218592	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ H1
506	2.9	1 600	18 100	-	1.04	24584525/48576	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ G1
476	3.0	1 600	18 100	-	0.65	84791525/178112	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ F1
448	3.2	1 600	18 100	-	0.75	84791525/189244	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ E1
401	3.6	1 600	18 100	-	0.85	241329725/601128	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ D1
341.78	4.2	1 600	18 100	-	1.12	45656975/133584	✓	✓	✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ C1
292.96	4.9	1 600	18 100	-	1.48	6522425/22264			✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ B1
252.27	5.7	1 600	18 100	-	1.92	202195175/801504			✓	✓	✓	✓			2KJ3528 - ■■■■■■ - ■■ A1

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Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm^2	-	63	71	80	90	100	112	132	160	
K.109-D39															
13 352	0.11	2 900	24 500	-	0.12	57881096/4335	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ G1
11 918	0.12	2 900	24 500	-	0.15	2083719456/174845	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ F1
10 621	0.14	2 900	24 500	-	0.17	101291918/9537	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ E1
9 804	0.15	2 900	24 500	-	0.21	31166744/3179	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ D1
8 583	0.17	2 900	24 500	-	0.25	12403092/1445	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ C1
7 526	0.19	2 900	24 500	-	0.23	1794313976/238425	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ B1
6 828	0.21	2 900	24 500	-	0.33	21705411/3179	✓	✓	✓	✓	✓	✓			2KJ3532 - ■■■■■■ - ■■ A1
K.109-Z39															
6 638	0.22	2 900	24 500	-	0.06	55861988/8415	✓	✓							2KJ3531 - ■■■■■■ - ■■ F2
5 903	0.25	2 900	24 500	-	0.07	27594476/4675	✓	✓	✓	✓					2KJ3531 - ■■■■■■ - ■■ F2
5 183	0.28	2 900	24 500	-	0.08	24229296/4675	✓	✓	✓	✓					2KJ3531 - ■■■■■■ - ■■ E2
4 712	0.31	2 900	24 500	-	0.10	48458592/10285	✓	✓	✓	✓					2KJ3531 - ■■■■■■ - ■■ D2
4 031	0.36	2 900	24 500	-	0.12	18845008/4675	✓	✓	✓	✓					2KJ3531 - ■■■■■■ - ■■ C2
3 665	0.40	2 900	24 500	-	0.14	37690016/10285	✓	✓	✓	✓					2KJ3531 - ■■■■■■ - ■■ B2
3 239	0.45	2 900	24 500	-	0.17	3028662/935	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ A2
2 945	0.49	2 900	24 500	-	0.23	6057324/2057	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ W1
2 579	0.56	2 900	24 500	-	0.26	7235137/2805	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ V1
2 381	0.61	2 900	24 500	-	0.31	2226196/935	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ U1
2 108	0.69	2 900	24 500	-	0.36	1971034/935	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ T1
1 755	0.83	2 900	24 500	-	0.48	6562101/3740	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ S1
1 651	0.88	2 900	24 500	-	0.57	26248404/15895	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ R1
1 480	0.98	2 900	24 500	-	0.62	12451166/8415	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ Q1
1 260	1.2	2 900	24 500	-	0.80	1177813/935	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ P1
1 080	1.3	2 900	24 500	-	1.05	1009554/935			✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ N1
930	1.6	2 900	24 500	-	1.34	5216029/5610			✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ M1
767	1.9	2 900	24 500	-	0.63	13196313/17204	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ L1
722	2.0	2 900	24 500	-	0.73	52785252/73117	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ K1
647	2.2	2 900	24 500	-	0.83	8346386/12903	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ J1
551	2.6	2 900	24 500	-	1.09	2368569/4301	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ H1
519	2.8	2 900	24 500	-	1.40	88672493/170775			✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ G1
428	3.4	2 900	24 500	-	0.73	24926369/58190	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ F1
403	3.6	2 900	24 500	-	0.84	11730056/29095	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ E1
361	4.0	2 900	24 500	-	0.97	283777124/785565	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ D1
307.54	4.7	2 900	24 500	-	1.28	26843782/87285	✓	✓	✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ C1
263.61	5.5	2 900	24 500	-	1.70	7669652/29095			✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ B1
227	6.4	2 900	24 500	-	2.20	59439803/261855			✓	✓	✓	✓			2KJ3531 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10 ⁻⁴ kgm ²	-	63	71	80	90	100	112	132	160	
K.129-D39															
14 490	0.10	4 400	40 000	-	0.09	2494142287/172125	✓	✓	✓	✓					2KJ3534 - ■■■■■■ - ■■ H1
13 173	0.11	4 400	40 000	-	0.10	4988284574/378675	✓	✓	✓	✓					2KJ3534 - ■■■■■■ - ■■ G1
11 550	0.13	4 400	40 000	-	0.12	1192850659/103275	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ F1
10 309	0.14	4 400	40 000	-	0.15	433763876/42075	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ E
9 188	0.16	4 400	40 000	-	0.18	759086783/82620	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ D1
8 481	0.17	4 400	40 000	-	0.21	58391291/6885	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ C1
7 425	0.20	4 400	40 000	-	0.25	170407237/22950	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ B1
6 510	0.22	4 400	40 000	-	0.23	3361670039/516375	✓	✓	✓	✓	✓	✓			2KJ3534 - ■■■■■■ - ■■ A1
K.129-Z39															
5 743	0.25	4 400	37 600	-	0.06	209316289/36450	✓	✓							2KJ3533 - ■■■■■■ - ■■ A2
5 106	0.28	4 400	37 600	-	0.07	103397203/20250	✓	✓	✓	✓					2KJ3533 - ■■■■■■ - ■■ X1
4 483	0.32	4 400	37 600	-	0.09	5043766/1125	✓	✓	✓	✓					2KJ3533 - ■■■■■■ - ■■ W1
4 076	0.36	4 400	37 600	-	0.11	10087532/2475	✓	✓	✓	✓					2KJ3533 - ■■■■■■ - ■■ V1
3 487	0.42	4 400	37 600	-	0.13	35306362/10125	✓	✓	✓	✓					2KJ3533 - ■■■■■■ - ■■ U1
3 170	0.46	4 400	37 600	-	0.15	70612724/22275	✓	✓	✓	✓					2KJ3533 - ■■■■■■ - ■■ T1
2 802	0.52	4 400	37 600	-	0.18	2521883/900	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ S1
2 547	0.57	4 400	37 600	-	0.24	2521883/990	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ R1
2 231	0.65	4 400	37 600	-	0.28	108440969/48600	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ Q1
2 060	0.70	4 400	37 600	-	0.33	8341613/4050	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ P1
1 824	0.79	4 400	37 600	-	0.39	14771029/8100	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ N1
1 518	0.96	4 400	37 600	-	0.53	32784479/21600	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ M1
1 429	1.0	4 400	37 600	-	0.61	32784479/22950	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ L1
1 280	1.1	4 400	37 600	-	0.68	93309671/72900	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ K1
1 090	1.3	4 400	37 600	-	0.88	17653181/16200	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ J1
934	1.6	4 400	37 600	-	1.16	2521883/2700			✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ H1
804	1.8	4 400	37 600	-	1.48	78178373/97200			✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ G1
664	2.2	4 400	37 600	-	0.85	21976409/33120	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ F1
625	2.3	4 400	37 600	-	0.98	21976409/35190	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ E1
560	2.6	4 400	37 600	-	1.13	62548241/111780	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ D1
476	3.0	4 400	37 600	-	1.51	11833451/24840	✓	✓	✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ C1
408	3.6	4 400	37 600	-	2.00	1690493/4140			✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ B1
352	4.1	4 400	37 600	-	2.60	52405283/149040			✓	✓	✓	✓			2KJ3533 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm^2	-	63	71	80	90	100	112	132	160	
K.149-D49															
13 575	0.11	8 000	65 000	-	0.12	23891273/1760	✓	✓	✓	✓					2KJ3536 - ■■■■■■ - ■■ L1
12 341	0.12	8 000	65 000	-	0.14	23891273/1936	✓	✓	✓	✓					2KJ3536 - ■■■■■■ - ■■ K1
10 908	0.13	8 000	65 000	-	0.17	30717351/2816	✓	✓	✓	✓	✓	✓			2KJ3536 - ■■■■■■ - ■■ J1
9 917	0.15	8 000	65 000	-	0.22	153586755/15488	✓	✓	✓	✓	✓	✓			2KJ3536 - ■■■■■■ - ■■ H1
8 686	0.17	8 000	65 000	-	0.26	146760677/16896	✓	✓	✓	✓	✓	✓			2KJ3536 - ■■■■■■ - ■■ G1
8 018	0.18	8 000	65 000	-	0.31	146760677/18304	✓	✓	✓	✓	✓	✓			2KJ3536 - ■■■■■■ - ■■ F1
7 099	0.20	8 000	65 000	-	0.37	19990657/2816	✓	✓	✓	✓	✓	✓	✓		2KJ3536 - ■■■■■■ - ■■ E1
5 909	0.25	8 000	65 000	-	0.50	133108521/22528	✓	✓	✓	✓	✓	✓	✓		2KJ3536 - ■■■■■■ - ■■ D1
5 561	0.26	8 000	65 000	-	0.59	7829913/1408	✓	✓	✓	✓	✓	✓	✓		2KJ3536 - ■■■■■■ - ■■ C1
4 983	0.29	8 000	65 000	-	0.66	126282443/25344	✓	✓	✓	✓	✓	✓	✓		2KJ3536 - ■■■■■■ - ■■ B1
4 242	0.34	8 000	65 000	-	0.86	23891273/5632	✓	✓	✓	✓	✓	✓	✓		2KJ3536 - ■■■■■■ - ■■ A1
K.149-Z49															
4 149	0.35	8 000	65 000	-	0.18	58423197/14080	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ B2
3 772	0.38	8 000	65 000	-	0.22	58423197/15488	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ A2
3 208	0.45	8 000	65 000	-	0.28	9034515/2816	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ X1
2 917	0.5	8 000	65 000	-	0.34	45172575/15488	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ W1
2 602	0.56	8 000	65 000	-	0.39	14655991/5632	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ V1
2 333	0.62	8 000	65 000	-	0.47	9034515/3872	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ U1
2 103	0.69	8 000	65 000	-	0.55	11845253/5632	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ T1
1 941	0.75	8 000	65 000	-	0.66	35535759/18304	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ S1
1 772	0.82	8 000	65 000	-	0.78	2495247/1408	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ R1
1 470	0.99	8 000	65 000	-	1.00	3011505/2048	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ Q1
1 384	1.0	8 000	65 000	-	1.16	3011505/2176	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ P1
1 307	1.1	8 000	65 000	-	1.31	1003835/768	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ N1
1 112	1.3	8 000	65 000	-	1.62	7829913/7040	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ M1
953	1.5	8 000	65 000	-	2.00	29512749/30976	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ L1
838	1.7	8 000	65 000	-	2.50	9436049/11264	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ K1
707	2.1	8 000	65 000	-	3.20	497553/704	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ J1
616	2.4	8 000	65 000	-	4.20	5420709/8800	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ H1
608	2.4	8 000	65 000	-	1.81	826413/1360	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ G1
574	2.5	8 000	65 000	-	2.00	275471/480	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ F1
488	3.0	8 000	65 000	-	2.60	10743369/22000	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ E1
418	3.5	8 000	65 000	-	3.40	40494237/96800	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ D1
368	3.9	8 000	65 000	-	4.30	12947137/35200	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ C1
310.31	4.7	8 000	65 000	-	5.70	682689/2200	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ B1
270.46	5.4	8 000	65 000	-	7.50	7437717/27500	✓	✓	✓	✓	✓	✓	✓		2KJ3535 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm ²	-	63	71	80	90	100	112	132	160	
K.169-D49															
14 931	0.10	13 000	70 000	-	0.22	315340973/21120	✓	✓	✓	✓	✓	✓			2KJ3538 - ■■■■■■ - ■■ H1
13 078	0.11	13 000	70 000	-	0.26	13559661839/1036800	✓	✓	✓	✓	✓	✓			2KJ3538 - ■■■■■■ - ■■ G1
12 072	0.12	13 000	70 000	-	0.31	13559661839/1123200	✓	✓	✓	✓	✓	✓			2KJ3538 - ■■■■■■ - ■■ F1
10 689	0.14	13 000	70 000	-	0.38	12928979893/1209600	✓	✓	✓	✓	✓	✓	✓		2KJ3538 - ■■■■■■ - ■■ E
8 896	0.16	13 000	70 000	-	0.51	4099432649/460800	✓	✓	✓	✓	✓	✓	✓		2KJ3538 - ■■■■■■ - ■■ D1
8 373	0.17	13 000	70 000	-	0.59	241143097/28800	✓	✓	✓	✓	✓	✓	✓		2KJ3538 - ■■■■■■ - ■■ C1
7 502	0.19	13 000	70 000	-	0.66	11667616001/1555200	✓	✓	✓	✓	✓	✓	✓		2KJ3538 - ■■■■■■ - ■■ B1
6 387	0.23	13 000	70 000	-	0.86	2207386811/345600	✓	✓	✓	✓	✓	✓	✓		2KJ3538 - ■■■■■■ - ■■ A1
K.169-Z49															
6 248	0.23	13 000	70 000	-	0.19	1799298493/288000	✓	✓	✓	✓					2KJ3537 - ■■■■■■ - ■■ C2
5 680	0.26	13 000	70 000	-	0.23	1799298493/316800	✓	✓	✓	✓					2KJ3537 - ■■■■■■ - ■■ B2
4 831	0.30	13 000	70 000	-	0.28	18549469/3840	✓	✓	✓	✓					2KJ3537 - ■■■■■■ - ■■ A2
4 391	0.33	13 000	70 000	-	0.34	18549469/4224	✓	✓	✓	✓					2KJ3537 - ■■■■■■ - ■■ X1
3 918	0.37	13 000	70 000	-	0.40	1354111237/345600	✓	✓	✓	✓	✓	✓			2KJ3537 - ■■■■■■ - ■■ W1
3 513	0.41	13 000	70 000	-	0.48	18549469/5280	✓	✓	✓	✓	✓	✓			2KJ3537 - ■■■■■■ - ■■ V1
3 167	0.46	13 000	70 000	-	0.57	1094418671/345600	✓	✓	✓	✓	✓	✓			2KJ3537 - ■■■■■■ - ■■ U1
2 923	0.50	13 000	70 000	-	0.67	1094418671/374400	✓	✓	✓	✓	✓	✓			2KJ3537 - ■■■■■■ - ■■ T1
2 668	0.54	13 000	70 000	-	0.80	537934601/201600	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ S1
2 214	0.65	13 000	70 000	-	1.03	204044159/92160	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ R1
2 084	0.70	13 000	70 000	-	1.19	204044159/97920	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ Q1
1 968	0.74	13 000	70 000	-	1.35	204044159/103680	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ P1
1 675	0.87	13 000	70 000	-	1.67	241143097/144000	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ N1
1 435	1.0	13 000	70 000	-	2.10	908923981/633600			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ M1
1 261	1.1	13 000	70 000	-	2.60	871825043/691200			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ L1
1 064	1.4	13 000	70 000	-	3.30	352439911/331200			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ K1
927	1.6	13 000	70 000	-	4.40	18549469/20000			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ J1
915	1.6	13 000	70 000	-	1.98	279967567/306000	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ H1
864	1.7	13 000	70 000	-	2.20	279967567/324000	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ G1
735	2.0	13 000	70 000	-	2.90	330870761/450000	✓	✓	✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ F1
630	2.3	13 000	70 000	-	3.80	1247128253/1980000			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ E1
554	2.6	13 000	70 000	-	4.70	1196225059/2160000			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ D1
467	3.1	13 000	70 000	-	6.30	483580343/1035000			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ C1
416	3.5	13 000	70 000	-	6.90	25840171/62100			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ B1
363	4.0	13 000	70 000	-	9.10	1360009/3750			✓	✓	✓	✓	✓		2KJ3537 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

SIMOGEAR geared motors

Bevel geared motors

Transmission ratios and torques for very low speeds

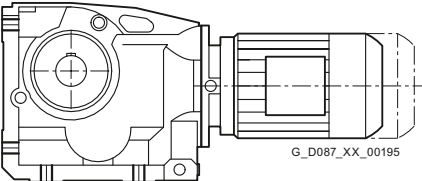
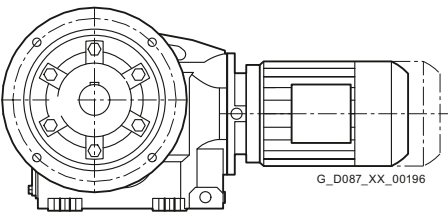
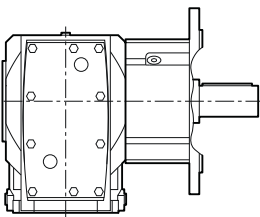
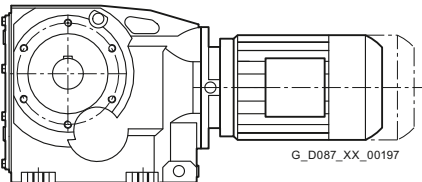
Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	$\varphi^{1)}$	J_G	R_{ex}	Motor frame size								Article No.
	rpm	Nm	N	'	10^{-4} kgm ²	-	63	71	80	90	100	112	132	160	
K.189-D69															
13 345	0.11	19 500	104 000	-	0.26	840736/63	✓	✓	✓	✓	✓	✓			2KJ3541 - ■■■■■■ - ■■ G1
12 318	0.12	19 500	104 000	-	0.32	258688/21	✓	✓	✓	✓	✓	✓			2KJ3541 - ■■■■■■ - ■■ F1
10 907	0.13	19 500	104 000	-	0.38	1603264/147	✓	✓	✓	✓	✓	✓	✓		2KJ3541 - ■■■■■■ - ■■ E1
9 078	0.16	19 500	104 000	-	0.52	63544/7	✓	✓	✓	✓	✓	✓	✓		2KJ3541 - ■■■■■■ - ■■ D
8 544	0.17	19 500	104 000	-	0.61	1016704/119	✓	✓	✓	✓	✓	✓	✓		2KJ3541 - ■■■■■■ - ■■ C1
7 655	0.19	19 500	104 000	-	0.67	1446848/189	✓	✓	✓	✓	✓	✓	✓		2KJ3541 - ■■■■■■ - ■■ B1
6 517	0.22	19 500	104 000	-	0.89	19552/3	✓	✓	✓	✓	✓	✓	✓		2KJ3541 - ■■■■■■ - ■■ A1
K.189-Z69															
6 375	0.23	19 500	104 000	-	0.21	3793088/595	✓	✓	✓	✓					2KJ3540 - ■■■■■■ - ■■ C2
5 795	0.25	19 500	104 000	-	0.26	7586176/1309	✓	✓	✓	✓					2KJ3540 - ■■■■■■ - ■■ B2
4 929	0.29	19 500	104 000	-	0.32	586560/119	✓	✓	✓	✓					2KJ3540 - ■■■■■■ - ■■ A2
4 481	0.32	19 500	104 000	-	0.39	5865600/1309	✓	✓	✓	✓					2KJ3540 - ■■■■■■ - ■■ X1
3 998	0.36	19 500	104 000	-	0.46	1427296/357	✓	✓	✓	✓	✓	✓			2KJ3540 - ■■■■■■ - ■■ W1
3 585	0.40	19 500	104 000	-	0.56	4692480/1309	✓	✓	✓	✓	✓	✓			2KJ3540 - ■■■■■■ - ■■ V1
3 231	0.45	19 500	104 000	-	0.66	1153568/357	✓	✓	✓	✓	✓	✓			2KJ3540 - ■■■■■■ - ■■ U1
2 983	0.49	19 500	104 000	-	0.78	354944/119	✓	✓	✓	✓	✓	✓			2KJ3540 - ■■■■■■ - ■■ T1
2 723	0.53	19 500	104 000	-	0.93	2268032/833	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ S1
2 259	0.64	19 500	104 000	-	1.23	268840/119	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ R1
2 126	0.68	19 500	104 000	-	1.41	4301440/2023	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ Q1
2 008	0.72	19 500	104 000	-	1.59	2150720/1071	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ P1
1 709	0.85	19 500	104 000	-	2.0	1016704/595	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ N1
1 464	0.99	19 500	104 000	-	2.5	273728/187			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ M1
1 287	1.1	19 500	104 000	-	3.2	459472/357			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ L1
1 086	1.3	19 500	104 000	-	4.1	2971904/2737			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ K1
946	1.5	19 500	104 000	-	5.5	2815488/2975			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ J1
889	1.6	19 500	104 000	-	3.1	3128320/3519	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ H1
756	1.9	19 500	104 000	-	4.0	16267264/21505	✓	✓	✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ G1
648	2.2	19 500	104 000	-	5.3	30657536/47311			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ F1
570	2.5	19 500	104 000	-	6.7	7351552/12903			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ E1
481	3.0	19 500	104 000	-	9.1	47550464/98923			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ D1
419	3.5	19 500	104 000	-	12	45047808/107525			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ C1
384	3.8	19 500	104 000	-	11	37948928/98923			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ B1
334.36	4.3	19 500	104 000	-	14	35951616/107525			✓	✓	✓	✓	✓		2KJ3540 - ■■■■■■ - ■■ A1

¹⁾ Only in conjunction with reduced-backlash version

Dimensional drawing overview

Information about dimensional drawings can be found in chapter "Introduction" on page 1/21.

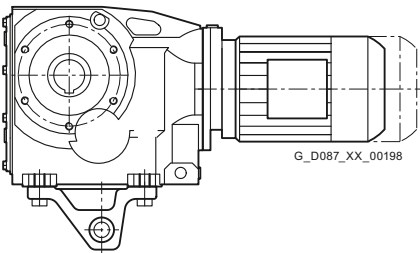
Design	Size	Dimensional drawing on page
Bevel geared motors B and K		
<i>Foot-mounted design</i>		
 G_D087_XX_00195	B..19	5/75
	B..29	5/79
	B..39	5/83
	B..49	5/87
	K..39	5/91
	K..49	5/95
	K..69	5/99
	K..79	5/103
	K..89	5/107
	K..109	5/112
	K..129	5/117
	K..149	5/122
	K..169	5/127
	K..189	5/132
<i>Flange-mounted design</i>		
 G_D087_XX_00196	B.F.19	5/76
	B.F.29	5/80
	B.F.39	5/84
	B.F.49	5/88
	K.F.39	5/92
	K.F.49	5/96
	K.F.69	5/100
	K.F.79	5/104
	K.F.89	5/108
	K.F.109	5/113
	K.F.129	5/118
	K.F.149	5/123
	K.F.169	5/128
	K.F.189	5/133
<i>Flange-mounted design with VLplus reinforced bearing system</i>		
	K.F.89	5/109
	K.F.109	5/114
	K.F.129	5/119
	K.F.149	5/124
	K.F.169	5/129
<i>Housing flange design</i>		
 G_D087_XX_00197	B.Z.19	5/77
	B.Z.29	5/81
	B.Z.39	5/85
	B.Z.49	5/89
	K.Z.39	5/93
	K.Z.49	5/97
	K.Z.69	5/101
	K.Z.79	5/105
	K.Z.89	5/110
	K.Z.109	5/115
	K.Z.129	5/120
	K.Z.149	5/125
	K.Z.169	5/130
	K.Z.189	5/134

SIMOGEAR geared motors

Bevel geared motors

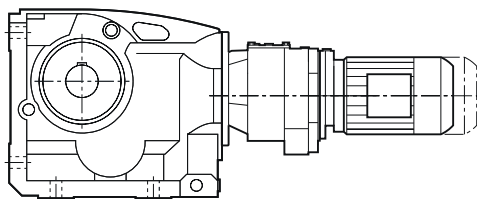
Dimensions

Dimensional drawing overview (continued)

Design	Size	Dimensional drawing on page
Bevel geared motors B and K		
<i>Shaft-mounted design</i>		
	BAD.19	5/78
	BAD.29	5/82
	BAD.39	5/86
	BAD.49	5/90
	KAD.39	5/94
	KAD.49	5/98
	KAD.69	5/102
	KAD.79	5/106
	KAD.89	5/111
	KAD.109	5/116
	KAD.129	5/121
	KAD.149	5/126
	KAD.169	5/131
	KAD.189	5/135

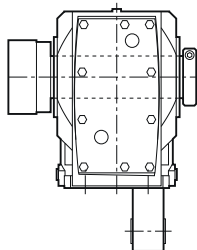
Bevel tandem geared motors

K.39-D/Z19 ... K.189-D/Z69 5/136



Additional versions and options

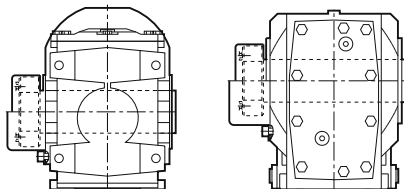
SIMOLOC assembly system



BADR29 ... BADR49 5/137 ... 5/138
KADR39 ... BADR89

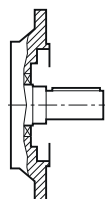
Protection covers

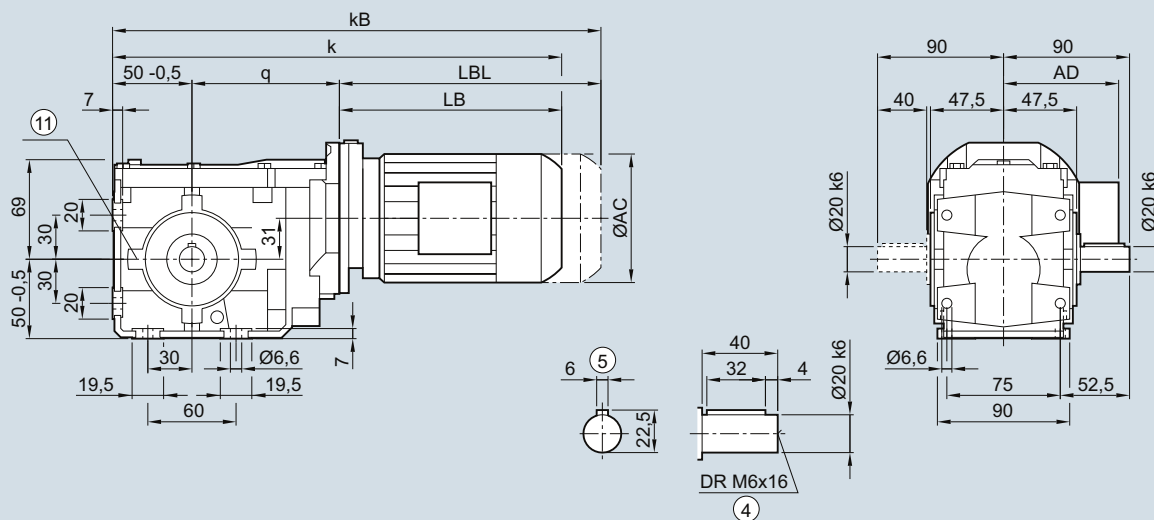
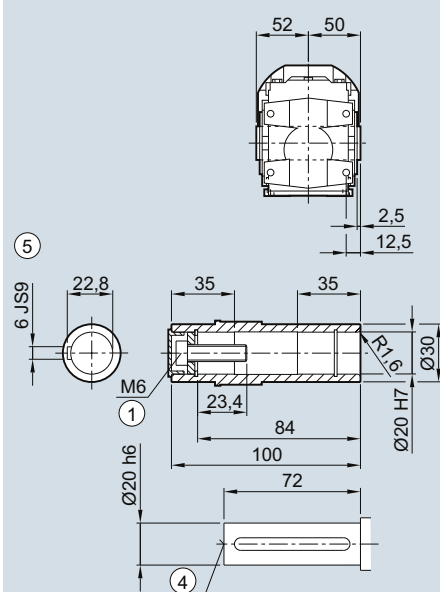
BA.19 ... KA.189 5/139 ... 5/140



Inner contour of the flange design

BF19 ... KF189 5/141
BAF19 ... KAF189



B..19 gearbox in a foot-mounted design
B030, BA030
B19

BA19


Motor	LA 63	71	71Z	LE 80	80Z
q	133.0	141.0	141.0	149.5	149.5
AC	117.8	138.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	134.0	149.2	149.2
k	343.5	375.5	394.5	439.5	474.5
kB	388.0	430.5	449.5	499.5	534.5
LB	160.5	184.5	203.5	240.0	275.0
LBL	205.0	239.5	258.5	300.0	335.0

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885-1

1) AD depends on the motor options, for other dimensions see page 8/42.

⑥ Use bores only for housing flange design

SIMOGEAR geared motors

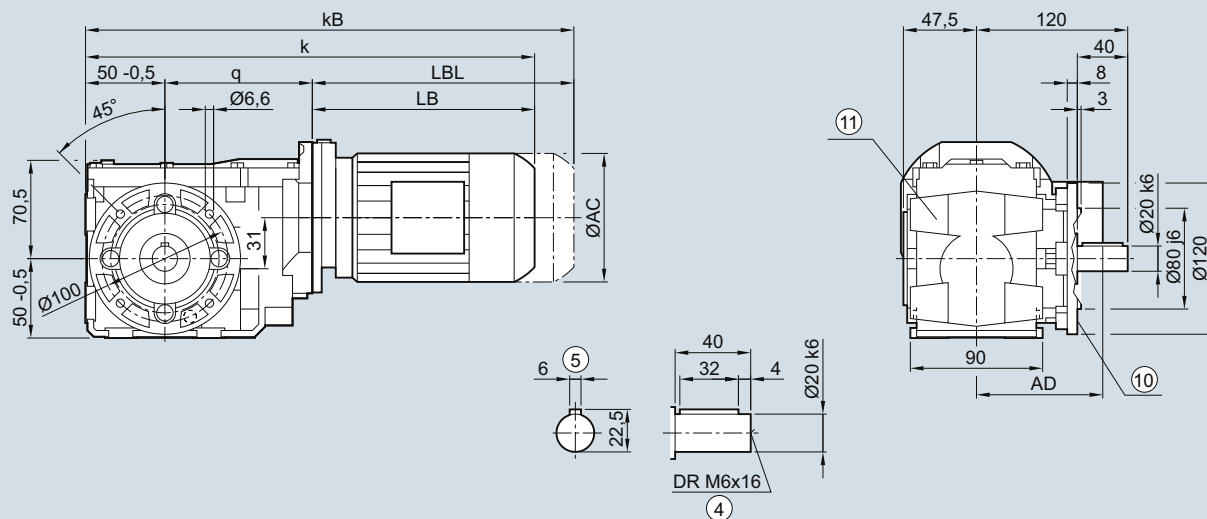
Bevel geared motors

Dimensions

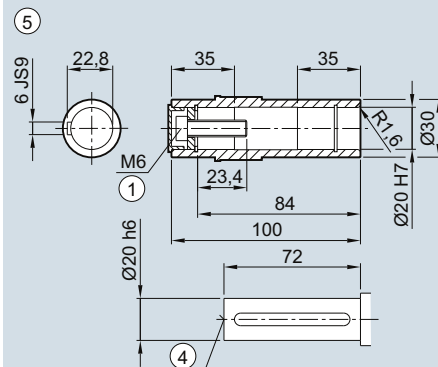
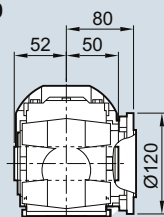
B.F.19 gearbox in a flange-mounted design

BF030, BAF030

BF19



BAF19



Motor	LA 63	71	71Z	LE 80	80Z
q	133.0	141.0	141.0	149.5	149.5
AC	117.8	138.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	134.0	149.2	149.2
k	343.5	375.5	394.5	439.5	474.5
kB	388.0	430.5	449.5	499.5	534.5
LB	160.5	184.5	203.5	240.0	275.0
LBL	205.0	239.5	258.5	300.0	335.0

① ISO 4014

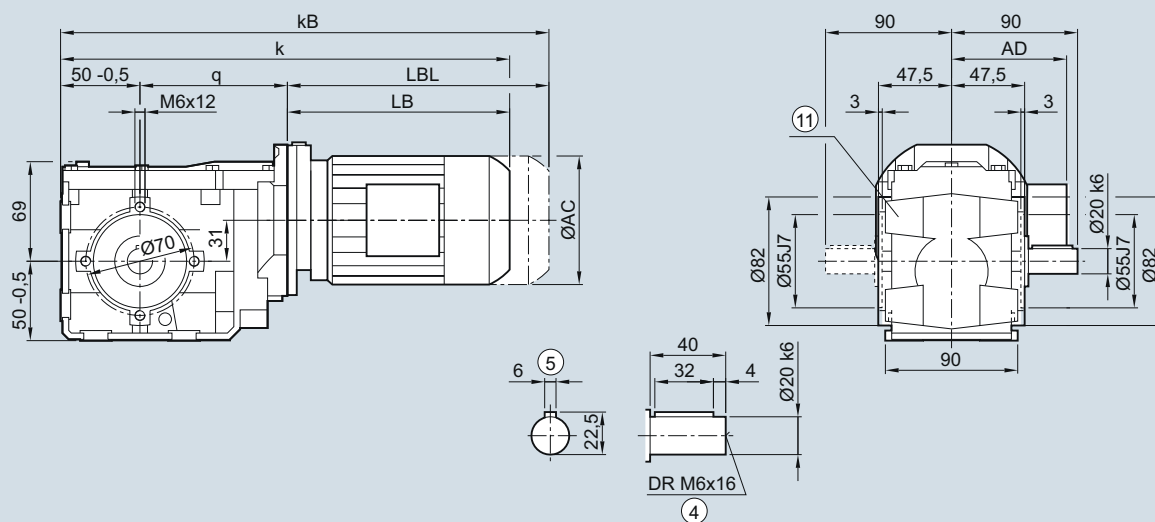
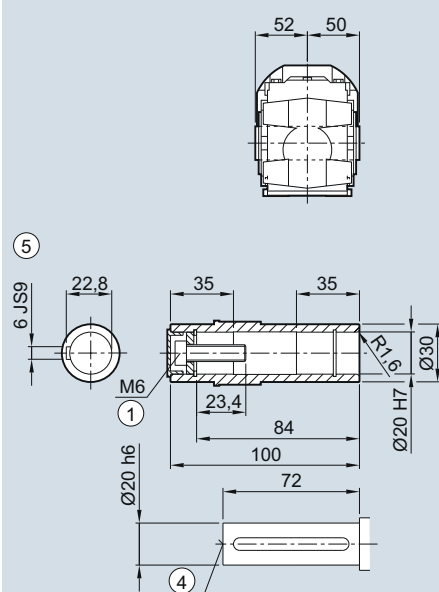
④ DIN 332

⑤ Feather key/keyway DIN 6885-1

⑩ For inner contour see page 5/141

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

B.Z.19 gearbox in a housing flange design
BZ030, BAZ030
BZ19

BAZ19


Motor	LA 63	71	71Z	LE 80	80Z
q	133.0	141.0	141.0	149.5	149.5
AC	117.8	138.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	134.0	149.2	149.2
k	343.5	375.5	394.5	439.5	474.5
kB	388.0	430.5	449.5	499.5	534.5
LB	160.5	184.5	203.5	240.0	275.0
LBL	205.0	239.5	258.5	300.0	335.0

① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885-1

1) AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

SIMOGEAR geared motors

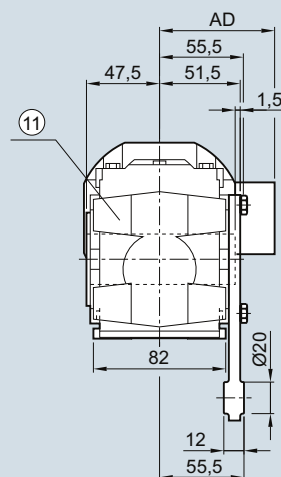
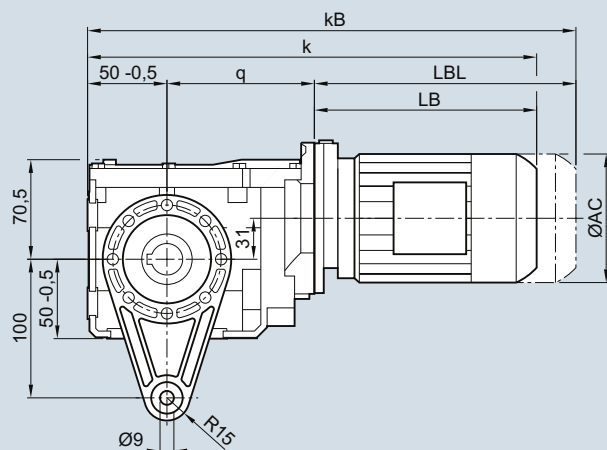
Bevel geared motors

Dimensions

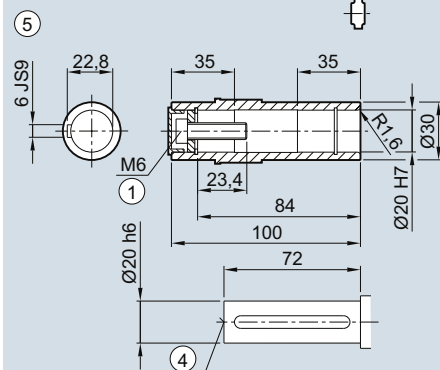
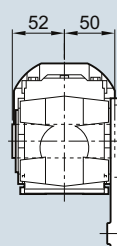
BAD.19 gearbox in a shaft-mounted design

BAD030

BAD19



BAD19



Motor	LA 63	71	71Z	LE 80	80Z
q	133.0	141.0	141.0	149.5	149.5
AC	117.8	138.8	138.8	156.3	156.3
AD ¹⁾	124.0	134.0	134.0	149.2	149.2
k	343.5	375.5	394.5	439.5	474.5
kB	388.0	430.5	449.5	499.5	534.5
LB	160.5	184.5	203.5	240.0	275.0
LBL	205.0	239.5	258.5	300.0	335.0

① ISO 4014

④ DIN 332

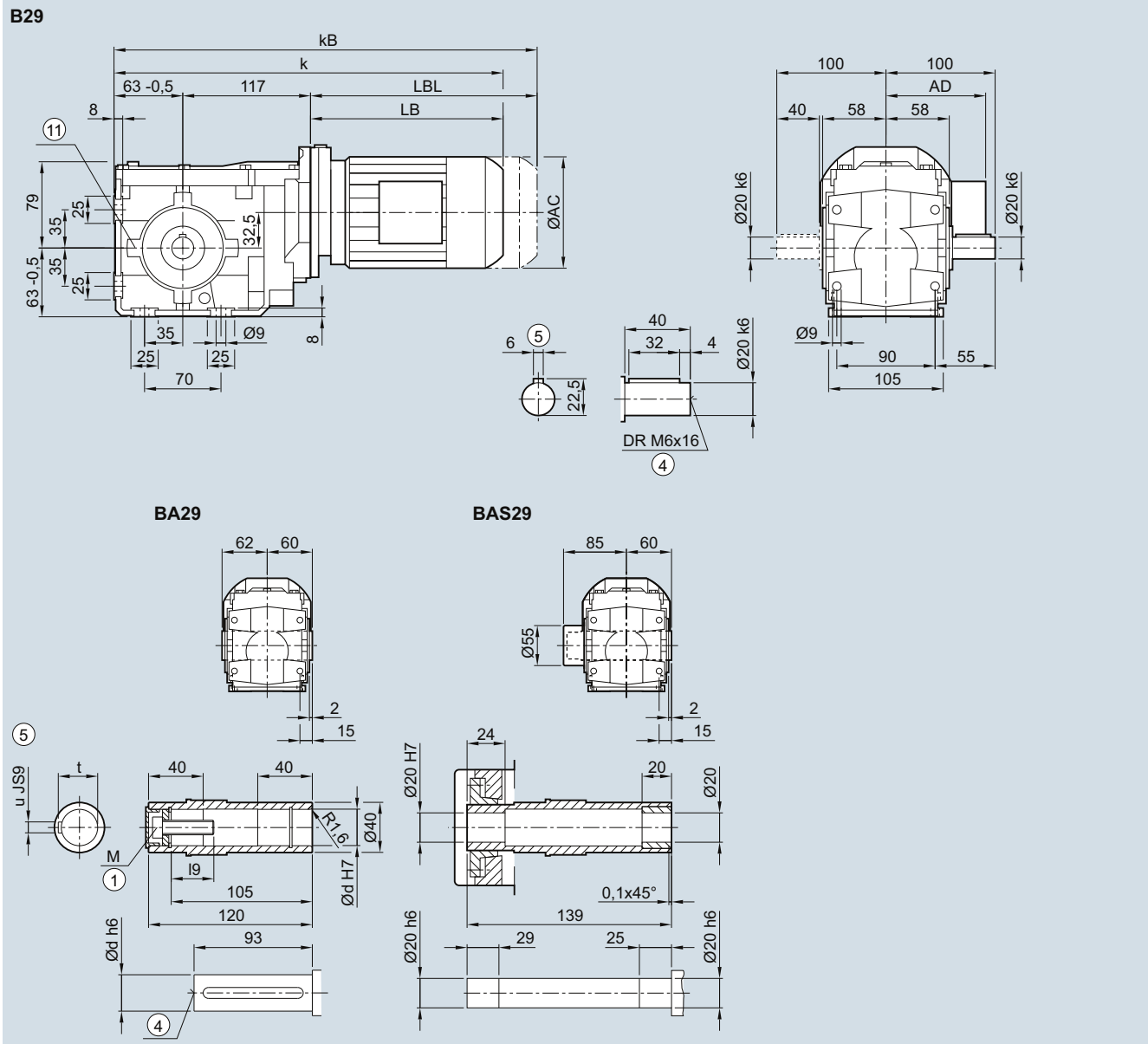
⑤ Feather key/keyway DIN 6885-1

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

B..29 gearbox in a foot-mounted design

B030, BA030, BAS030



Shaft	d	l9		M		t		u	
	20	23.4		M6		22.8		6	
	25	27.6		M10		28.3		8	
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	425.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	480.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	300.0	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

1) AD depends on the motor options, for other dimensions [see page 8/42](#).

⑪ Use bores only for housing flange design

SIMOGEAR geared motors

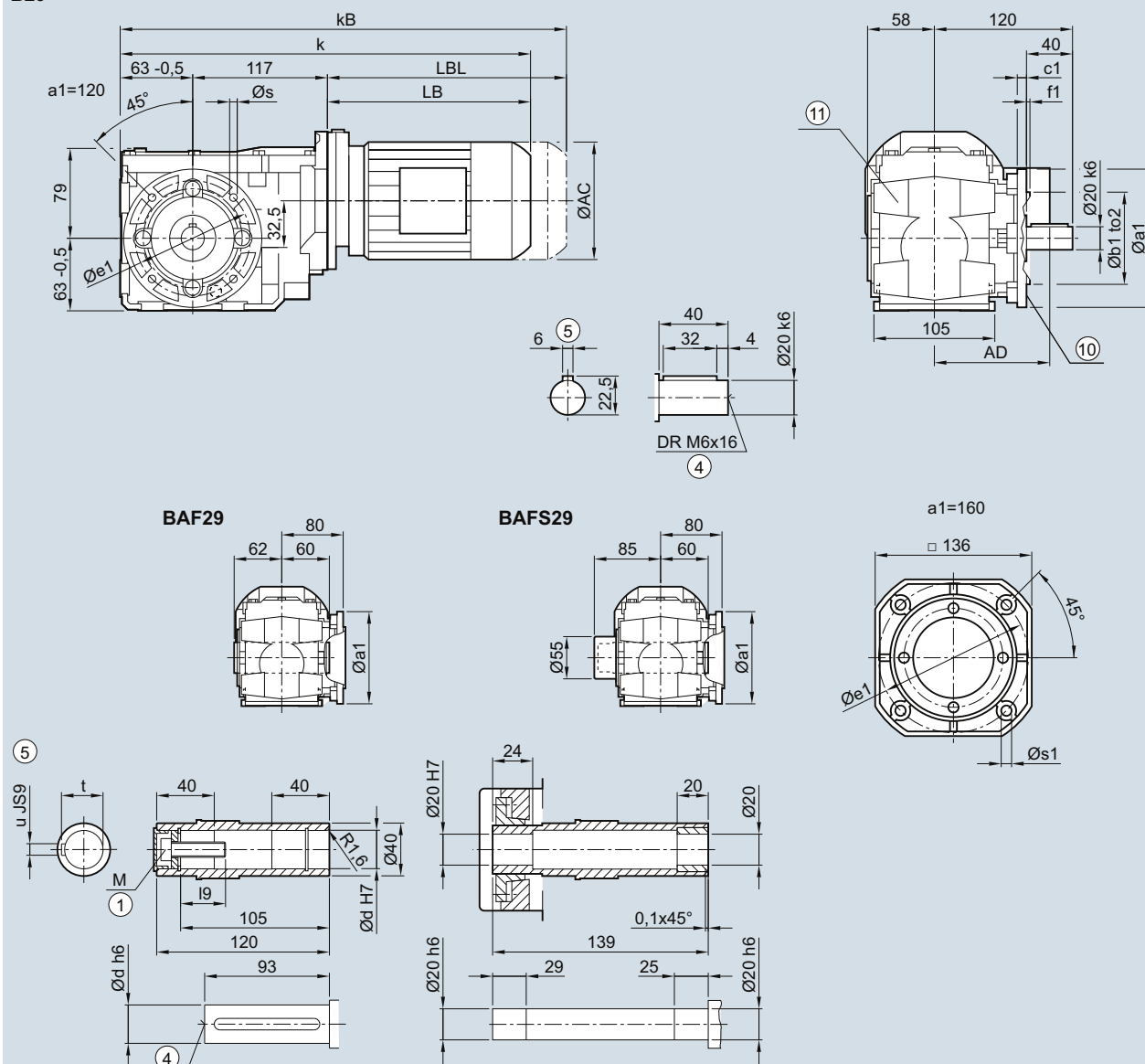
Bevel geared motors

Dimensions

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

BF030, BAF030, BAFS030

B29



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 63	71	71Z	LE 80	80Z	90	90Z	100	100Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	425.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	480.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	300.0	350.0	385.0	421.5	461.5	486.5	521.5

① ISO 4014

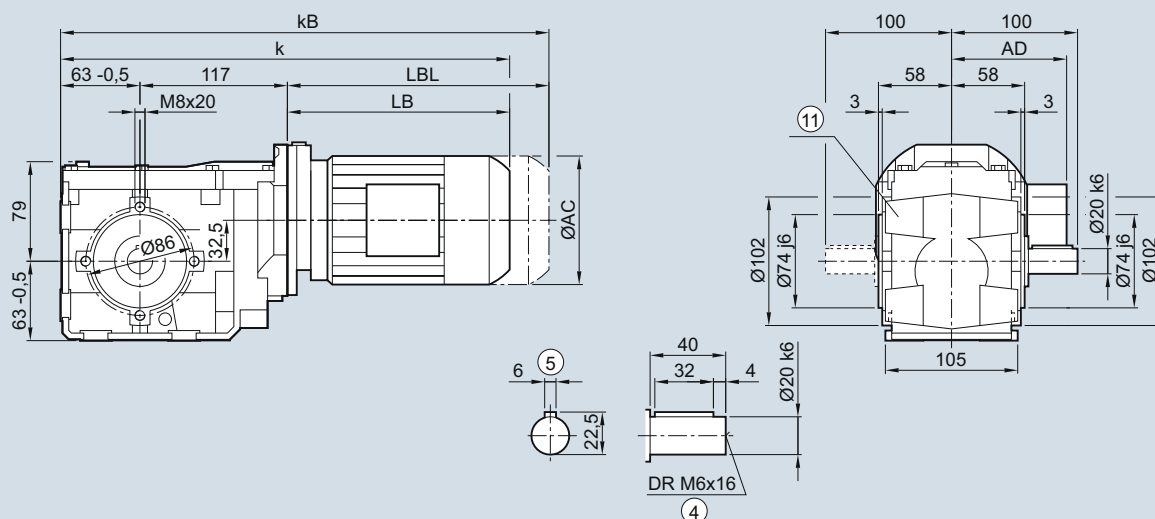
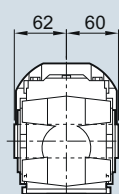
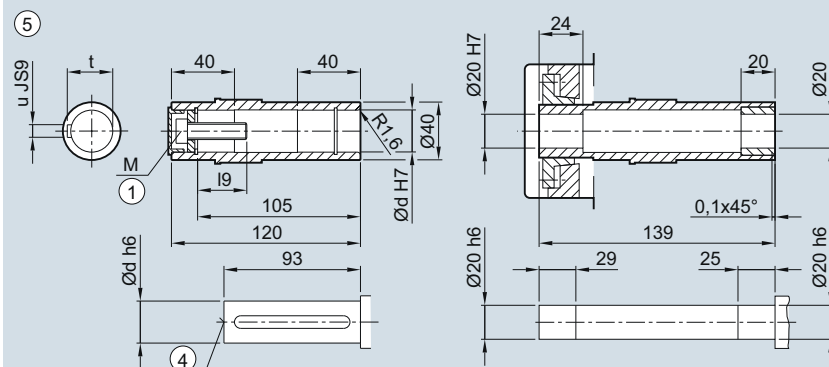
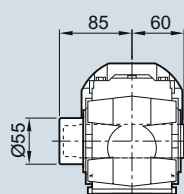
④ DIN 332

⑤ Feather key/keyway DIN 6885-1

⑩ For inner contour see page 5/141

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

B.Z.29 gearbox in a housing flange design
BZ030, BAZ030, BAZS030
BZ29

BAZ29

BAZS29


Shaft	d	l ₉	M	t	u
	20	23.4	M6	22.8	6
	25	27.6	M10	28.3	8

Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5
k	374.0	406.0	425.0	470.0	505.0	531.5	571.5	588.0	623.0
kB	418.5	461.0	480.0	530.0	565.0	601.5	641.5	666.5	701.5
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0
LBL	238.5	281.0	300.0	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

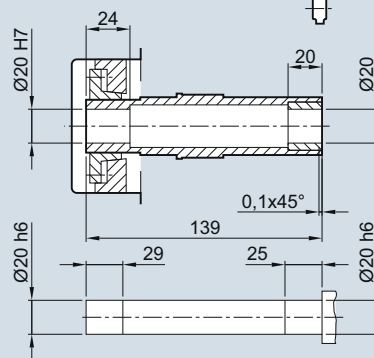
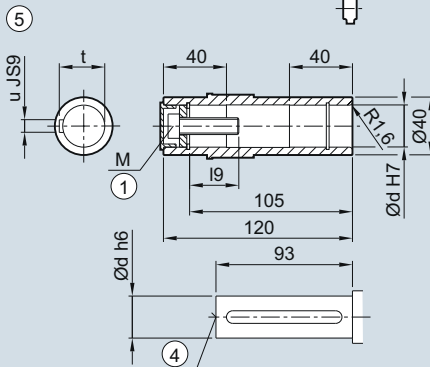
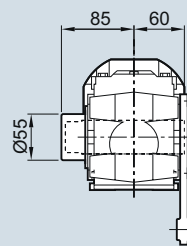
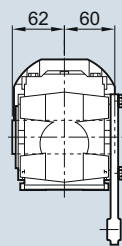
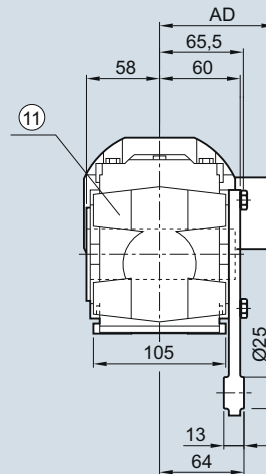
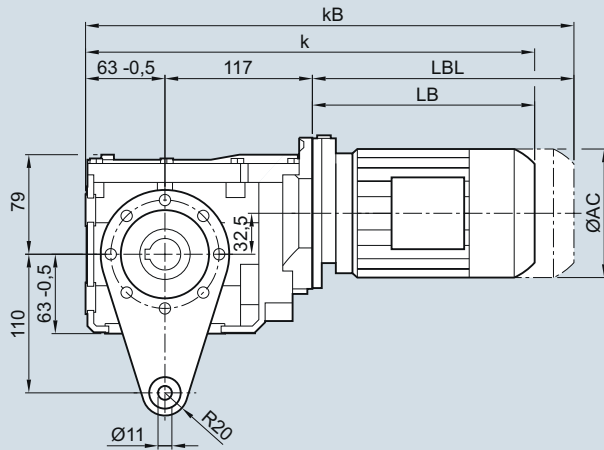
1) AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

Bevel geared motors

BAD.29 gearbox in a shaft-mounted design

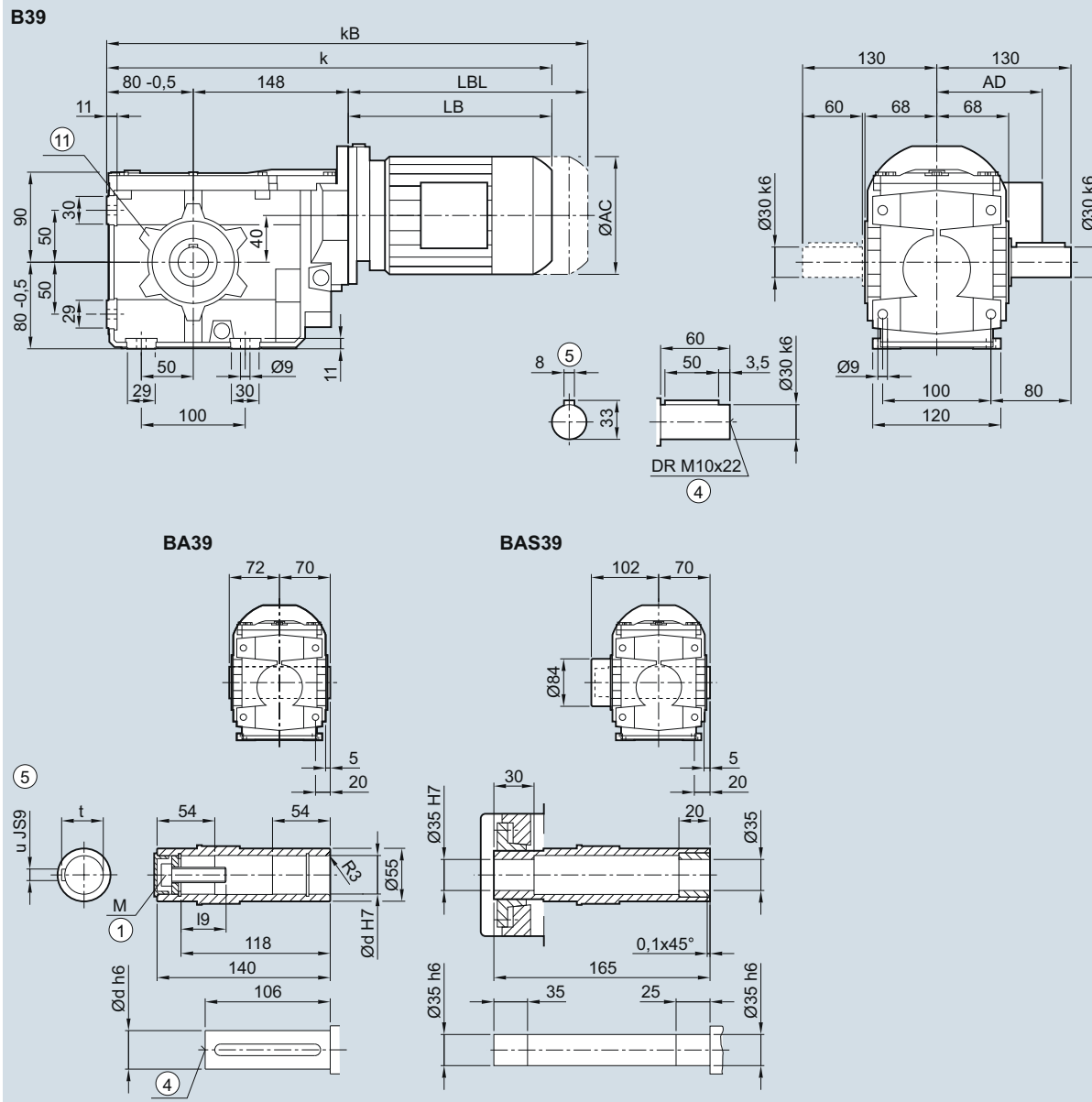
BAD29



⑪ Use bores only for foot-mounted design

B..39 gearbox in a foot-mounted design

B030, BA030, BAS030



Shaft	d	l9		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 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	473.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	528.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	300.0	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

1) AD depends on the motor options, for other dimensions [see page 8/42](#).

⑪ Use bores only for housing flange design

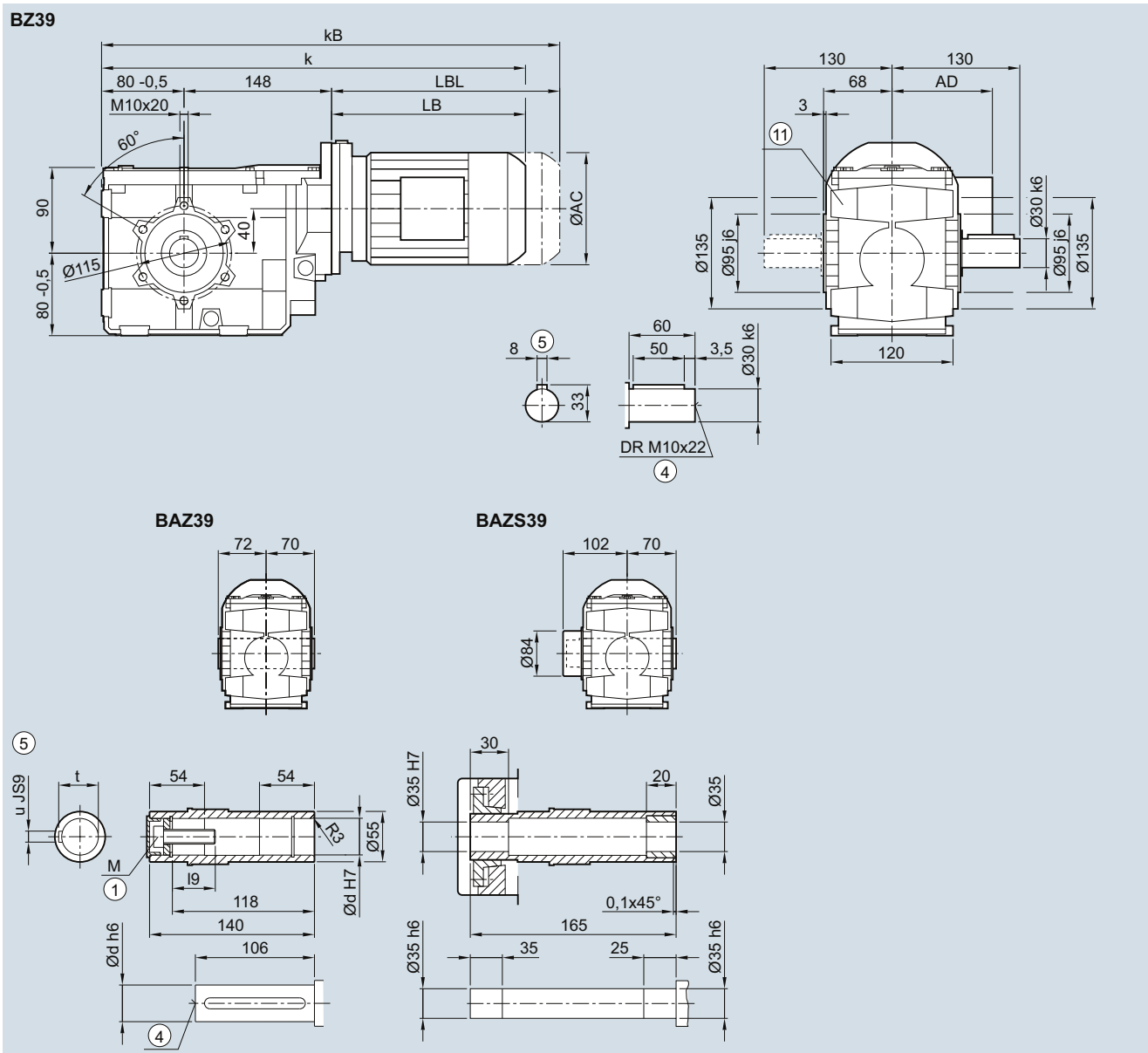
SIMOGEAR geared motors

Bevel geared motors

Dimensions

B.Z.39 gearbox in a housing flange design

BZ030, BAZ030, BAZS030



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 63	LA71	71Z	LE LE80	LE80Z	LE90	LE90Z	LE100	LE100Z	LE112	LE112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	473.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	528.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	300.0	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

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

SIMOGEAR geared motors

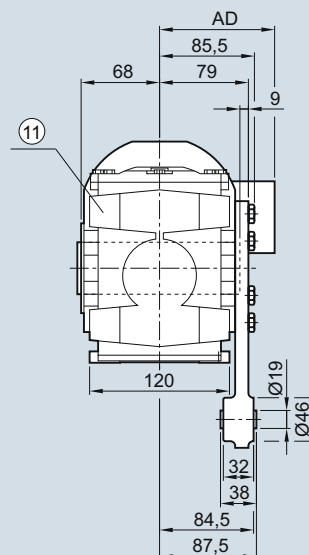
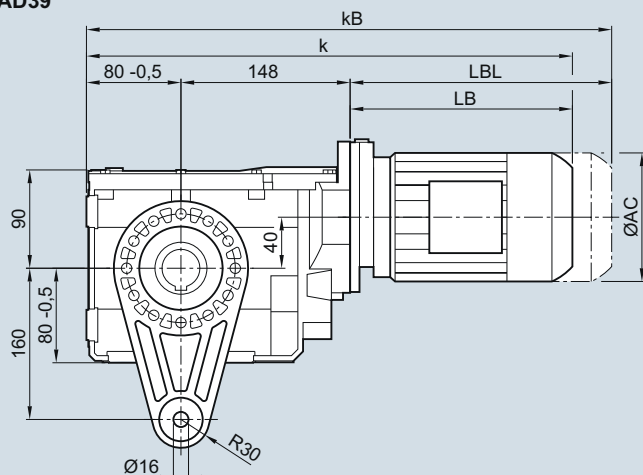
Bevel geared motors

Dimensions

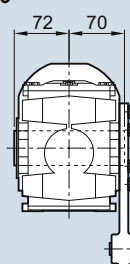
BAD.39 gearbox in a shaft-mounted design

BAD030, BADS030

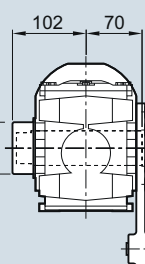
BAD39



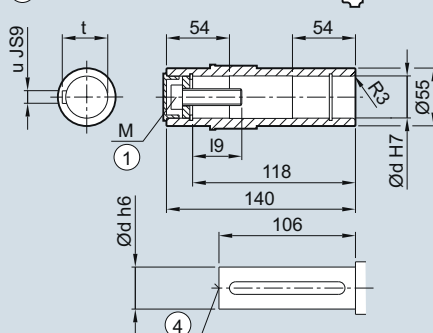
BAD39



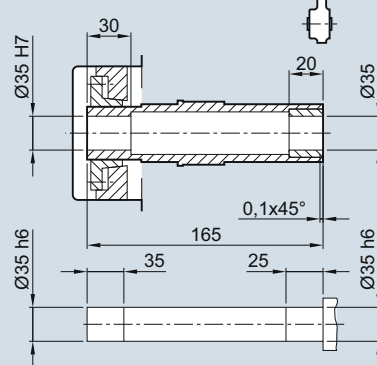
BADS39



⑤



④



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 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	473.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	528.0	578.0	613.0	649.5	689.5	714.5	749.5	719.0	744.0
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	300.0	350.0	385.0	421.5	461.5	486.5	521.5	491.0	516.0

① ISO 4014

④ DIN 332

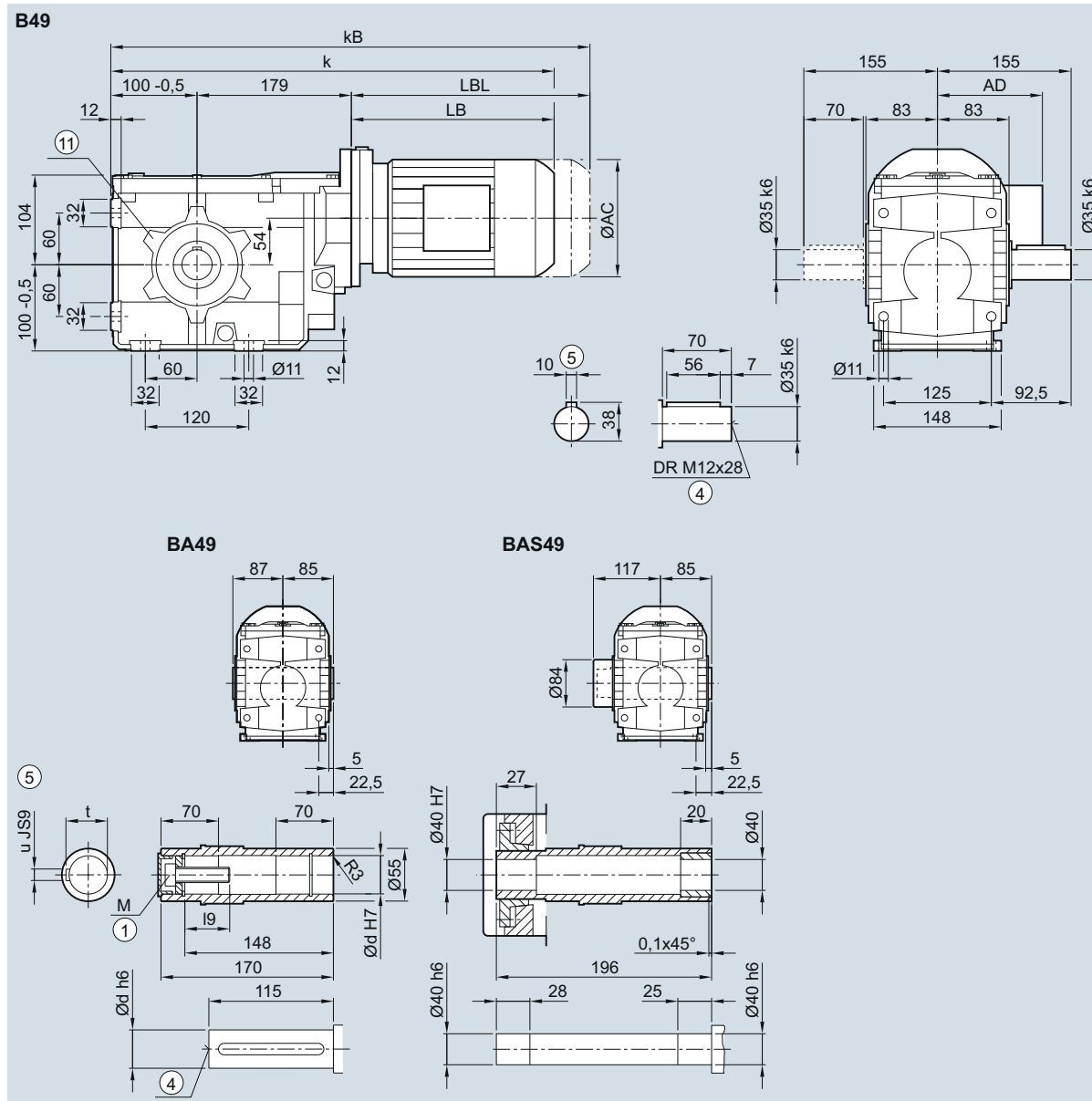
⑤ Feather key/keyway DIN 6885-1

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

B..49 gearbox in a foot-mounted design

B030, BA030, BAS030



Shaft	d	I9		M		t		u					
	35	57		M12		38.3		10					
	40	67.75		M16		43.3		12					
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	514.5	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	569.5	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	235.5	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	290.5	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

1) AD depends on the motor options, for other dimensions [see page 8/42](#).

⑪ Use bores only for housing flange design

SIMOGEAR geared motors

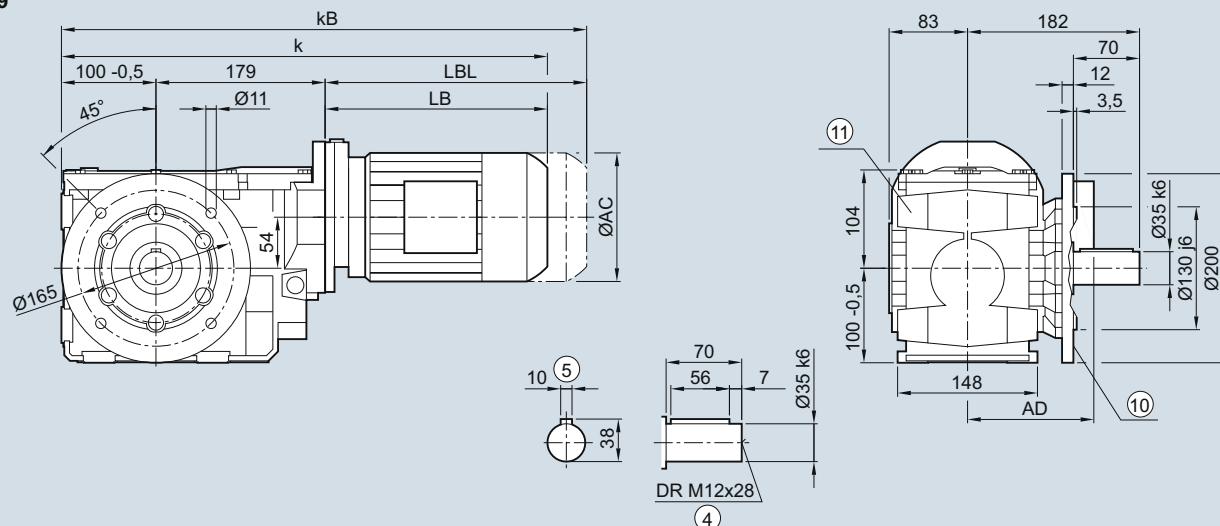
Bevel geared motors

Dimensions

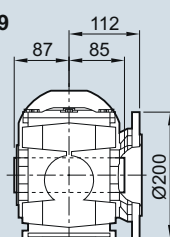
B.F.49 gearbox in a flange-mounted design

BF030, BAF030, BAFS030

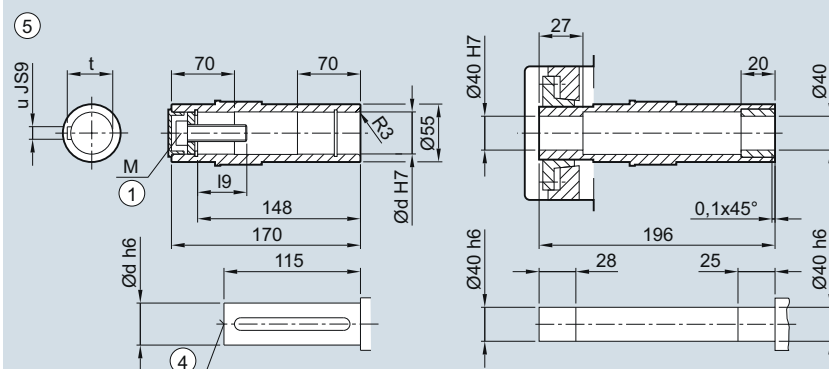
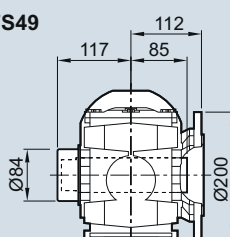
BF49



BAF49



BAFS49



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

Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	514.5	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	569.5	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	235.5	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	290.5	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

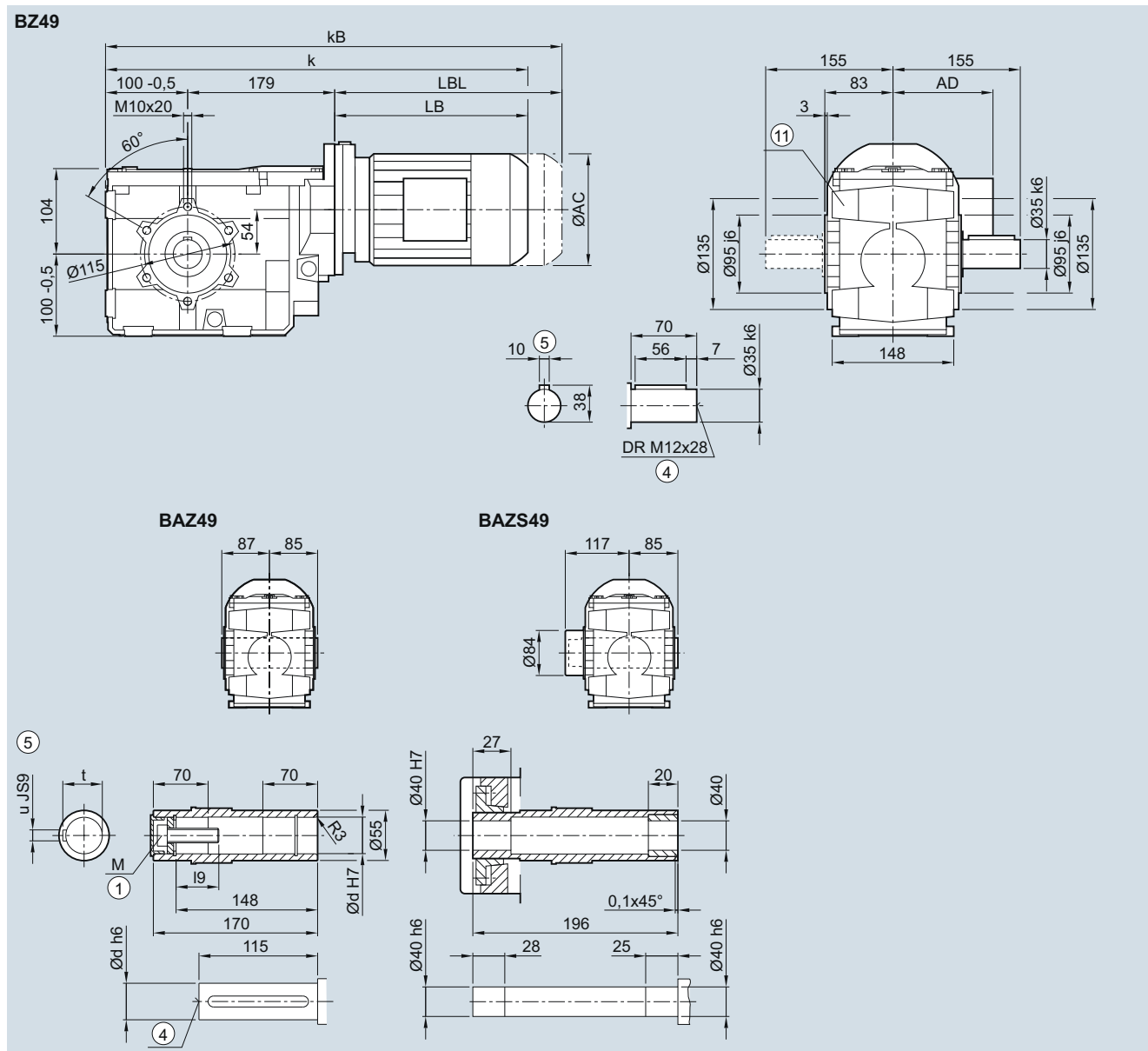
⑩ For inner contour see page 5/141

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

B.Z.49 gearbox 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 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	
AC	117.8	138.8	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	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	514.5	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	569.5	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	235.5	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	290.5	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

1) AD depends on the motor options, for other dimensions [see page 8/42](#).

⑪ Use bores only for foot-mounted design

SIMOGEAR geared motors

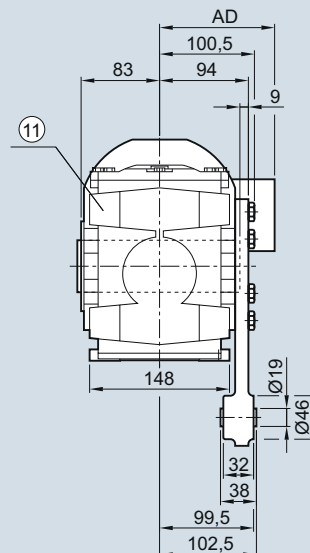
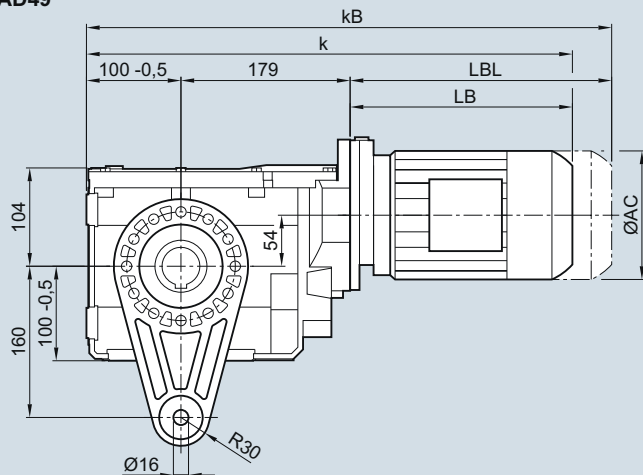
Bevel geared motors

Dimensions

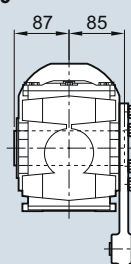
BAD.49 gearbox in a shaft-mounted design

BAD030, BADS030

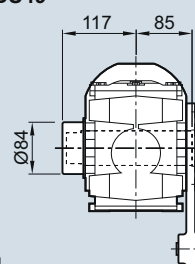
BAD49



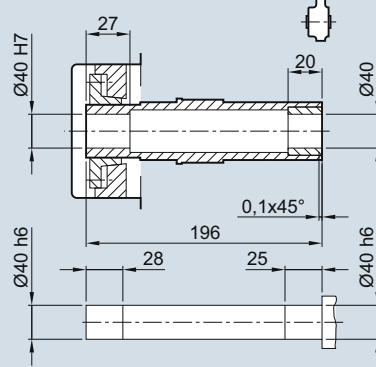
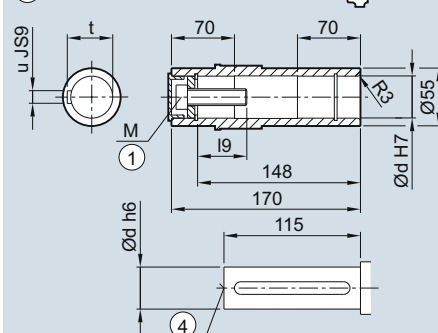
BAD49



BADS49



⑤



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

Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	514.5	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	569.5	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	235.5	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	290.5	340.5	375.5	412.0	452.0	477.0	512.0	481.5	516.0	566.0	616.0

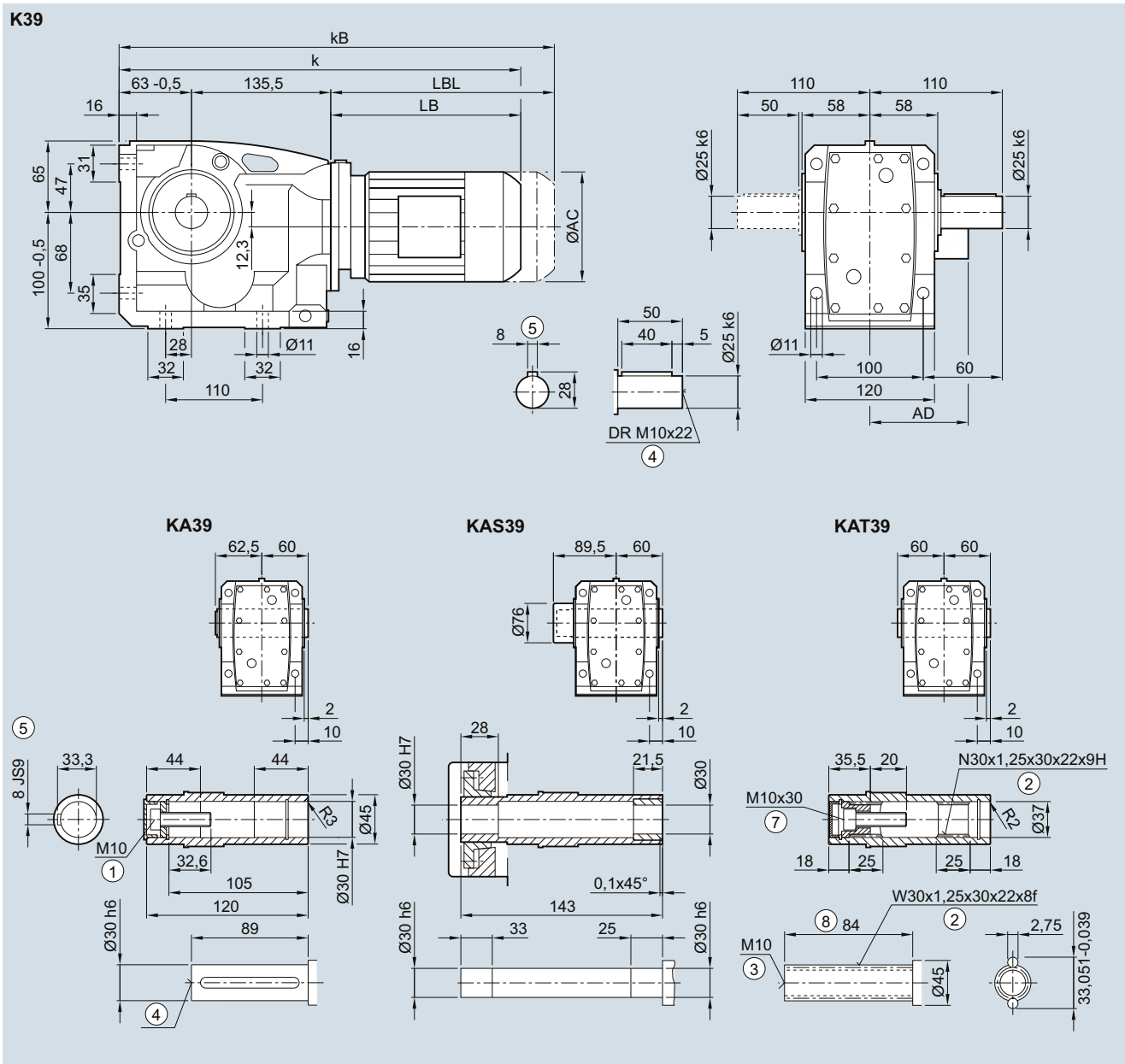
① ISO 4014

④ DIN 332

⑤ Feather key/keyway DIN 6885-1

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑩ Use bores only for foot-mounted design

K..39 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030


Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	392.0	424.0	443.0	488.0	523.0	549.5	589.5	606.0	641.0	616.0	641.0
kB	436.5	479.0	498.0	548.0	583.0	619.5	659.5	684.5	719.5	689.0	714.0
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	300.0	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

1) AD depends on the motor options, for other dimensions see page 8/42.

Bevel geared motors

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

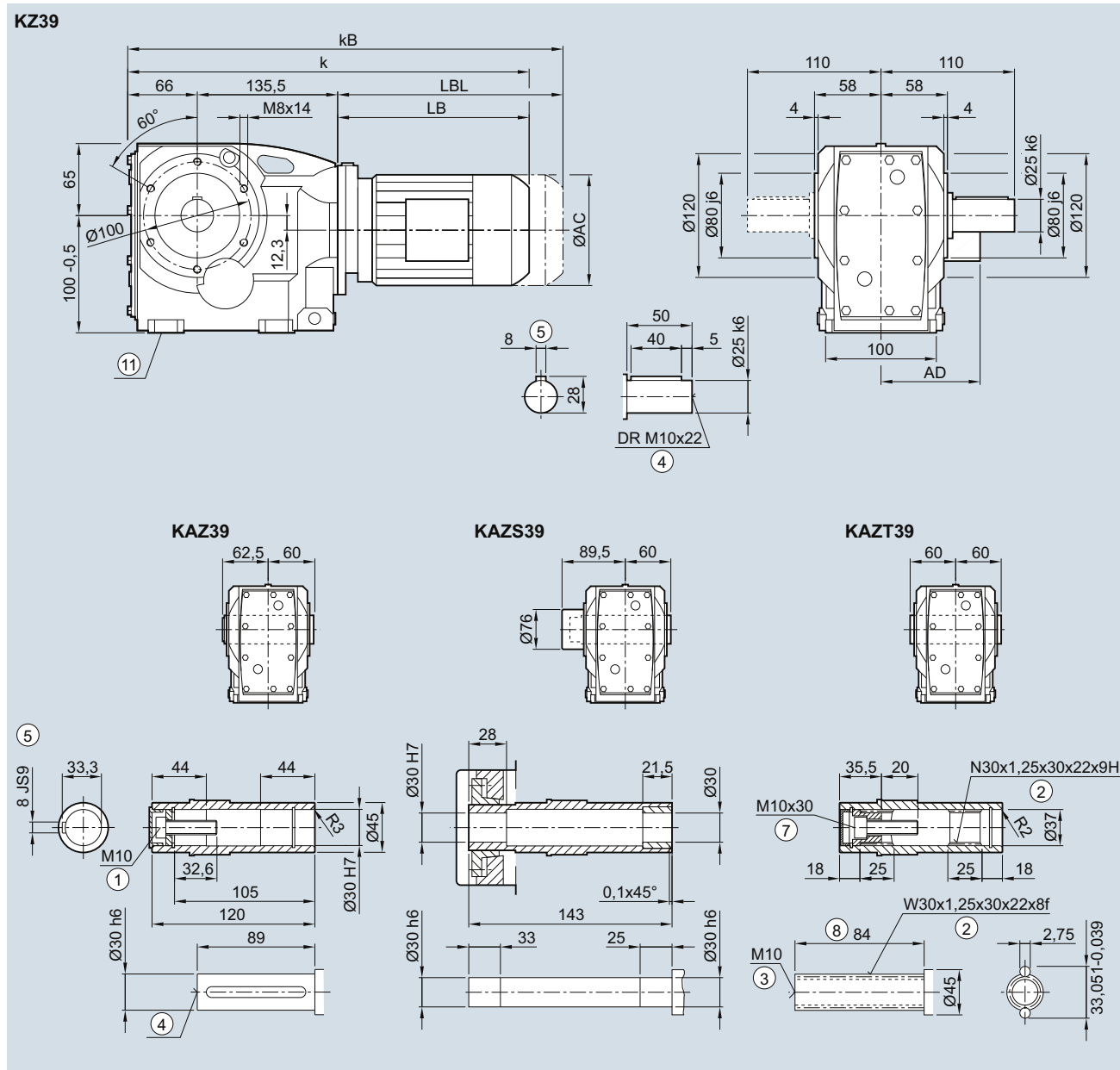
KF030, KAF030, KAFS030, KAFT030



¹⁾ AD depends on the motor options, for other dimensions [see page 8/42](#).

K.Z.39 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030



Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	395.0	427.0	446.0	491.0	526.0	552.5	592.5	609.0	644.0	619.0	644.0
kB	439.5	482.0	501.0	551.0	586.0	622.5	662.5	687.5	722.5	692.0	717.0
LB	194.0	226.0	245.0	290.0	325.0	351.5	391.5	408.0	443.0	418.0	443.0
LBL	238.5	281.0	300.0	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 6885-1 ⑦ ISO 4762

⑧ Without locating shoulder +1 mm

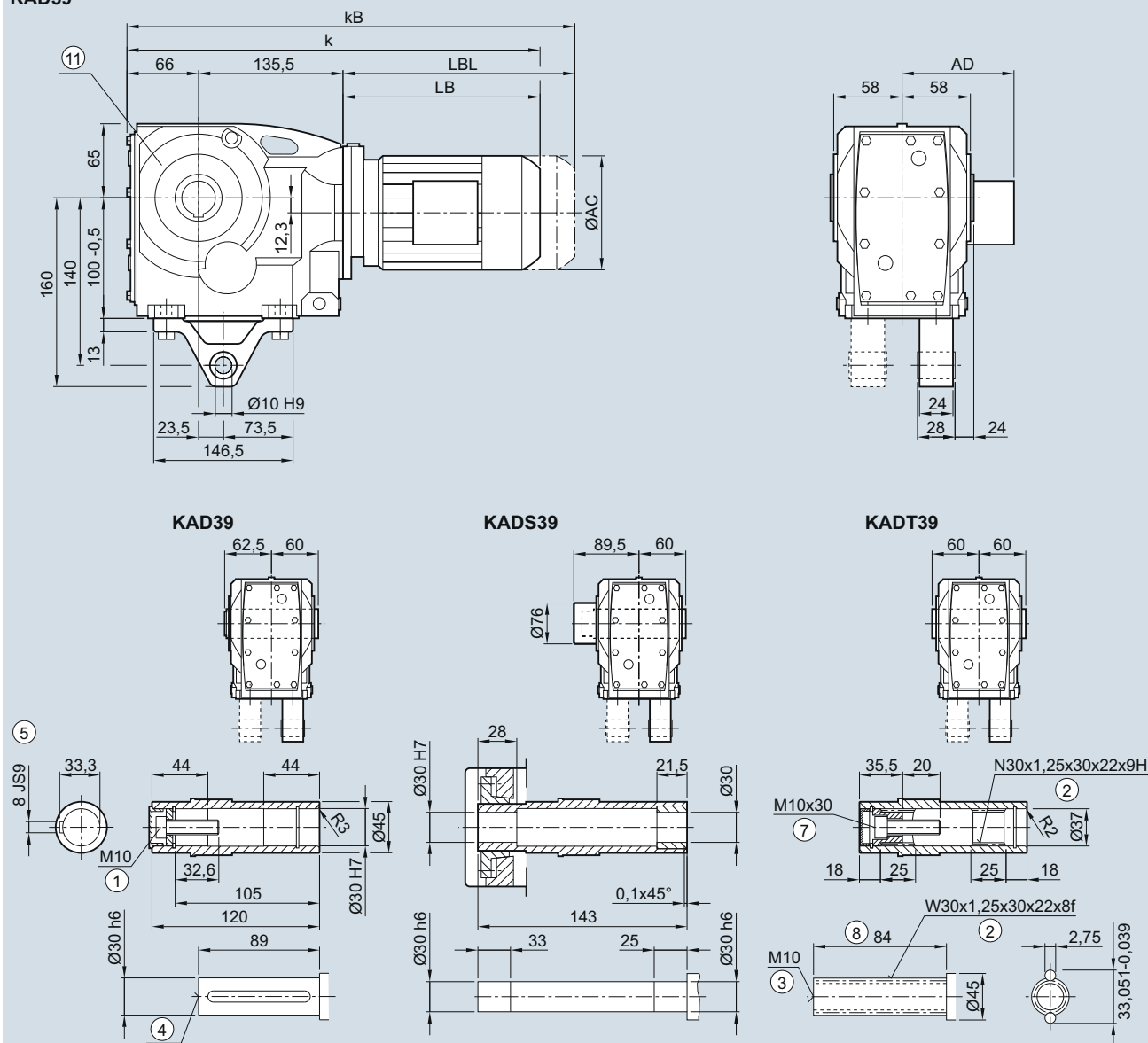
⑪ Use bores only for foot-mounted design

1) AD depends on the motor options, for other dimensions see page 8/42.

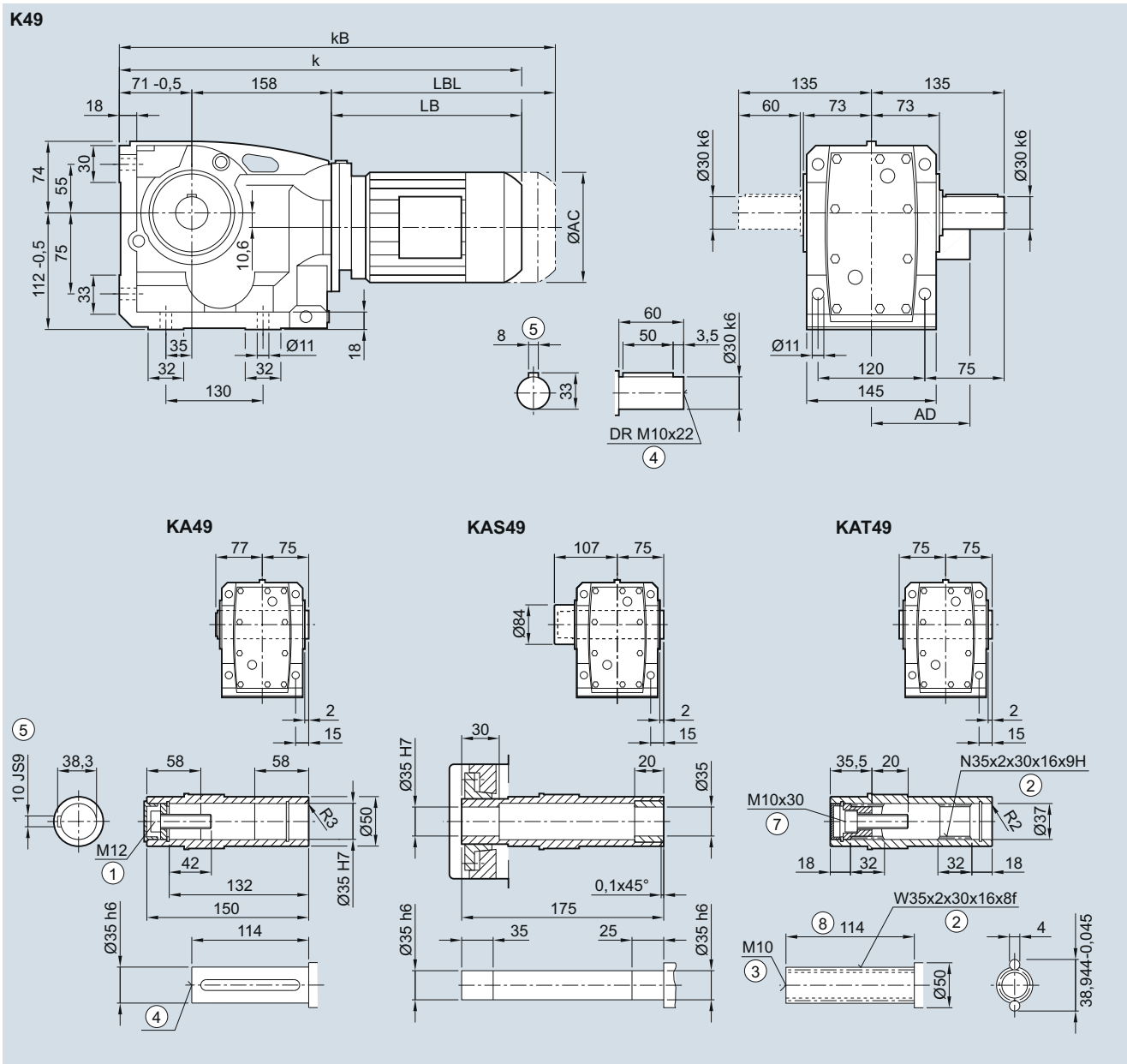
Bevel geared motors

KAD.39 gearbox in a shaft-mounted design

KAD39



① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ Use bores only for housing flange design 1) AD depends on the motor options, for other dimensions [see page 8/42](#).

K..49 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030


Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	464.5	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	519.5	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

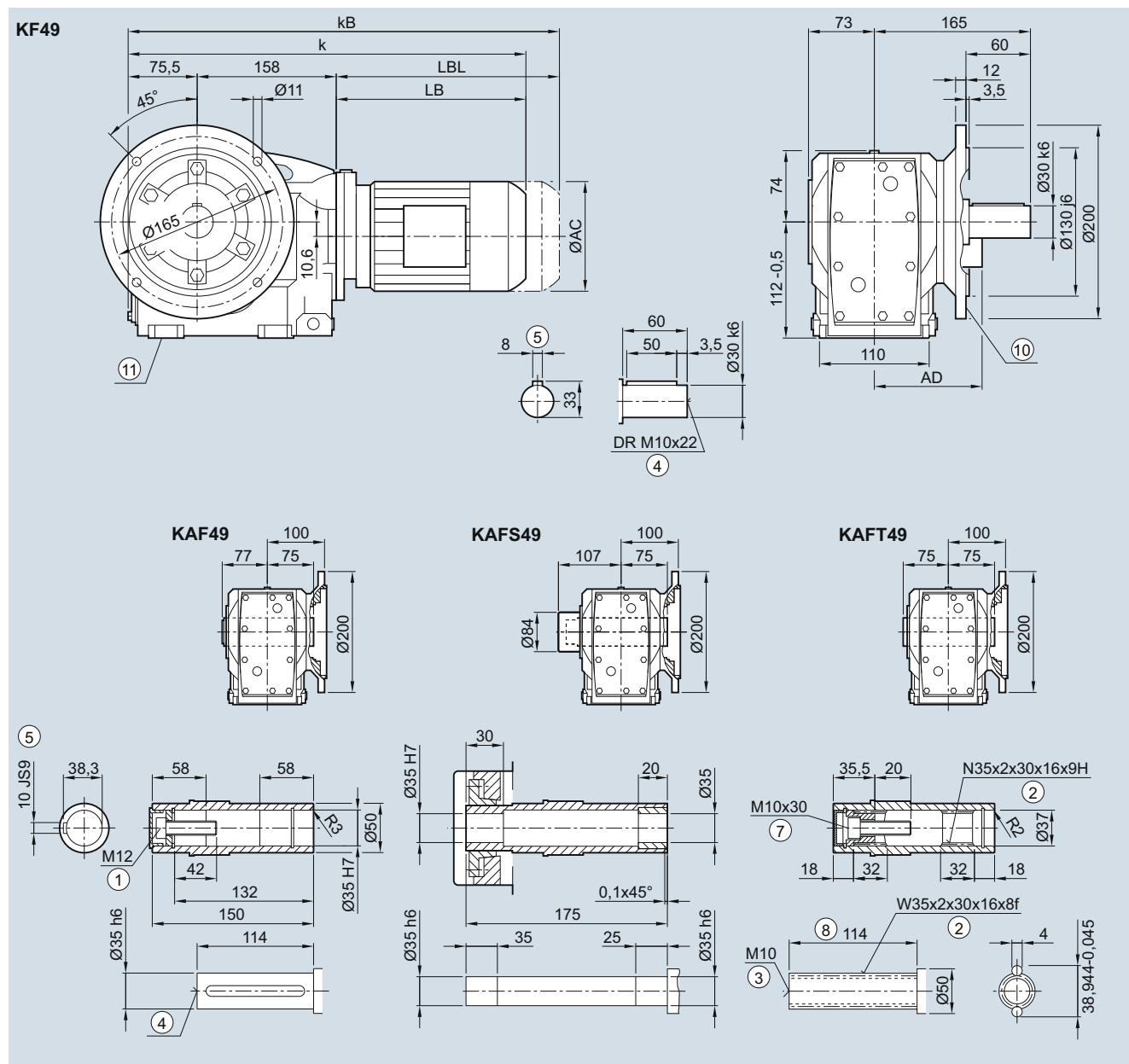
SIMOGEAR geared motors

Bevel geared motors

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	469.0	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	524.0	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

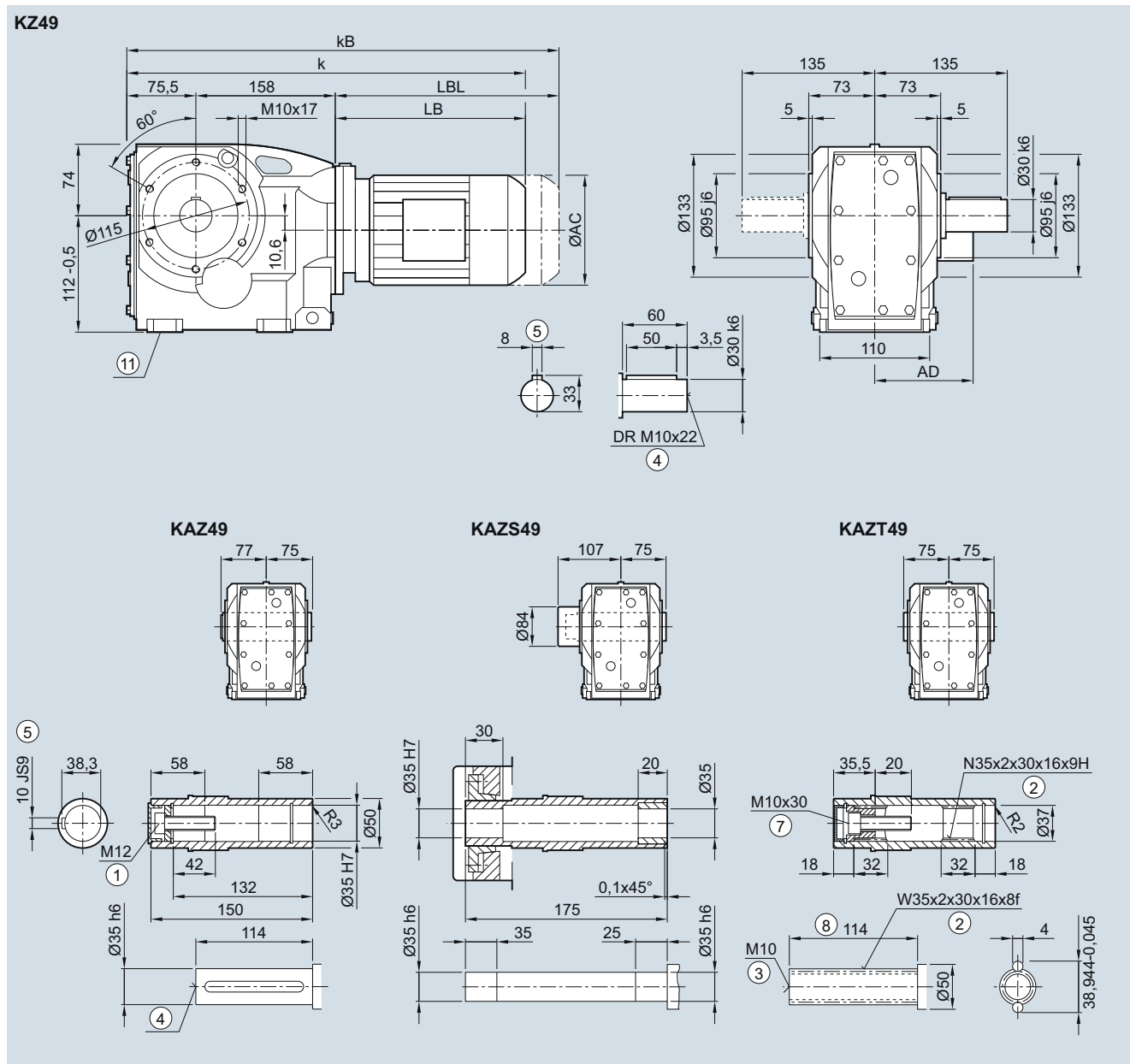
⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K.Z.49 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030



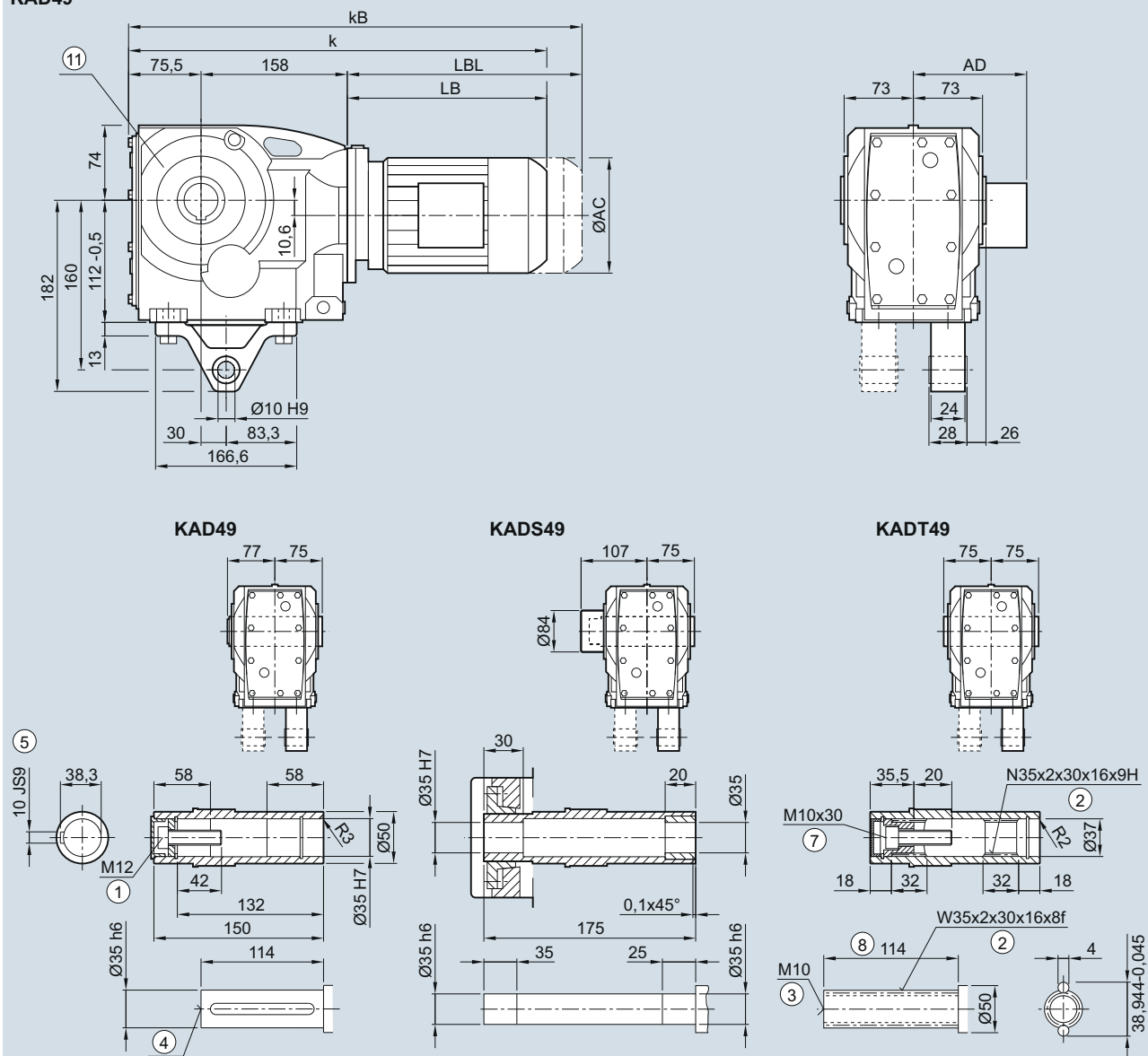
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	418.0	450.0	469.0	514.0	549.0	575.5	615.5	632.0	667.0	642.0	676.5	695.0	745.0
kB	462.5	505.0	524.0	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ Use bores only for foot-mounted design ⑪ AD depends on the motor options, for other dimensions [see page 8/42](#).

Bevel geared motors

KAD.49 gearbox in a shaft-mounted design

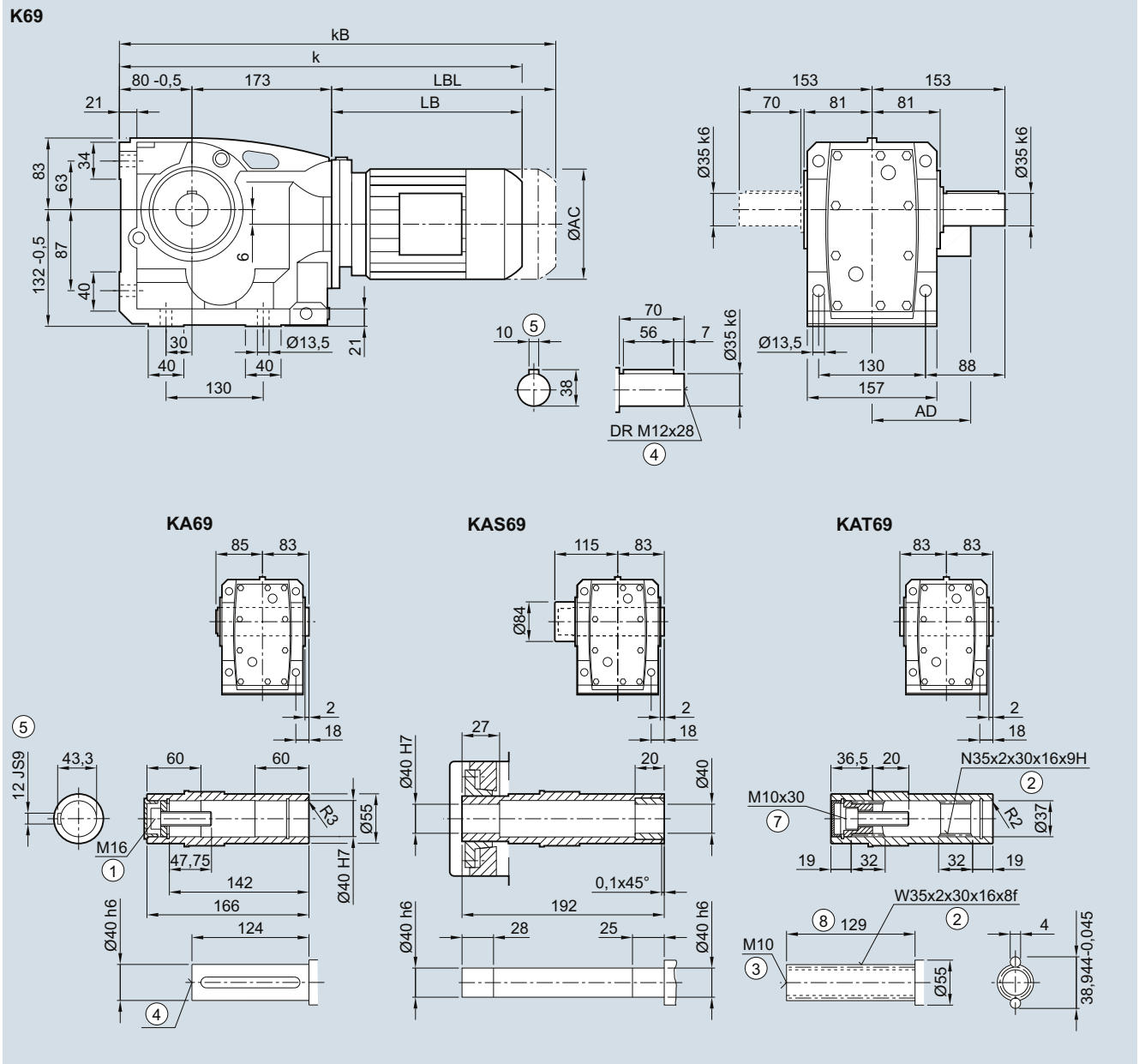
KAD49



① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ Use bores only for housing flange design 1) AD depends on the motor options, for other dimensions [see page 8/42](#).

K..69 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030



Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	488.5	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	543.5	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

1) AD depends on the motor options, for other dimensions see page 8/42.

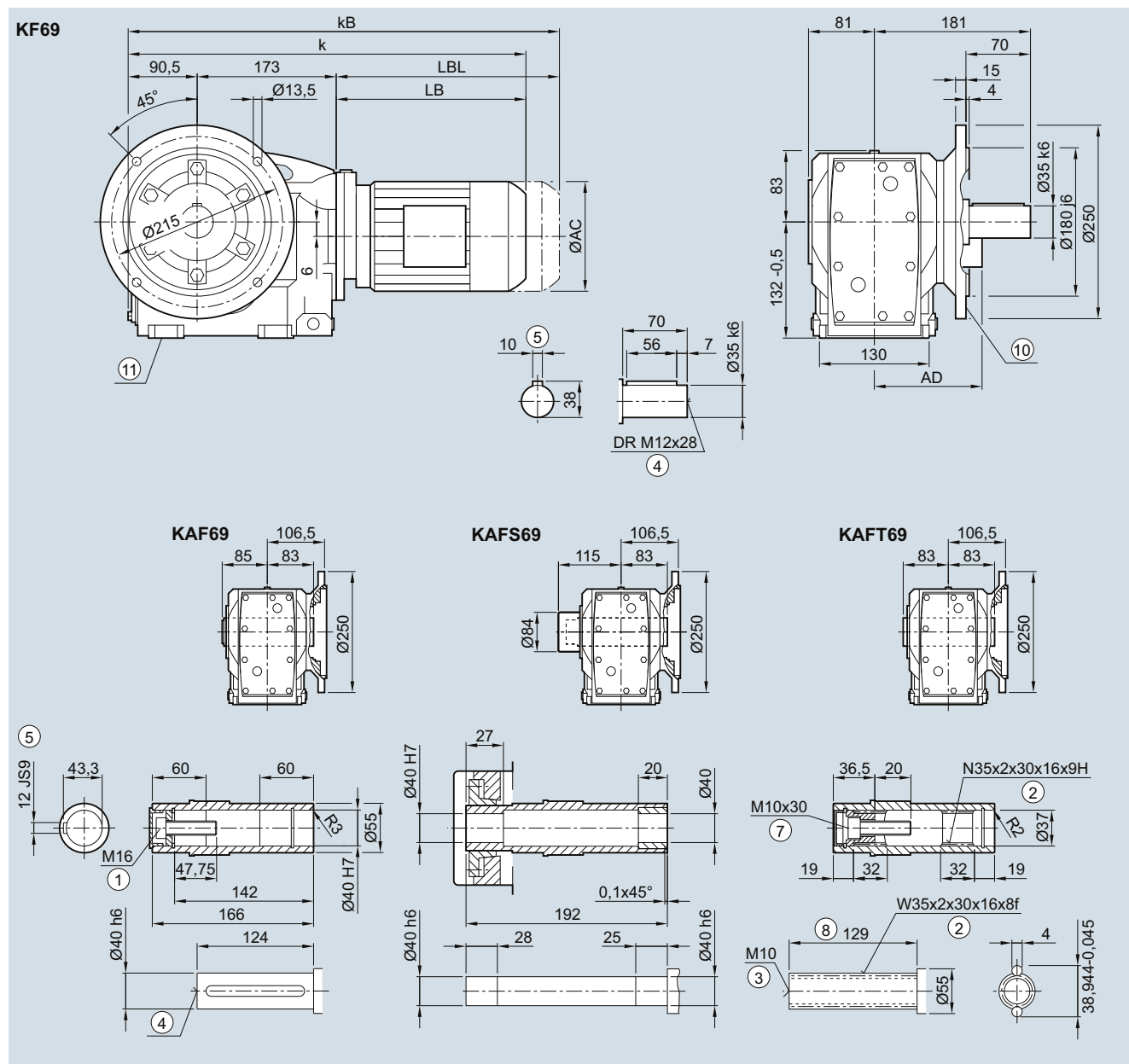
SIMOGEAR geared motors

Bevel geared motors

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



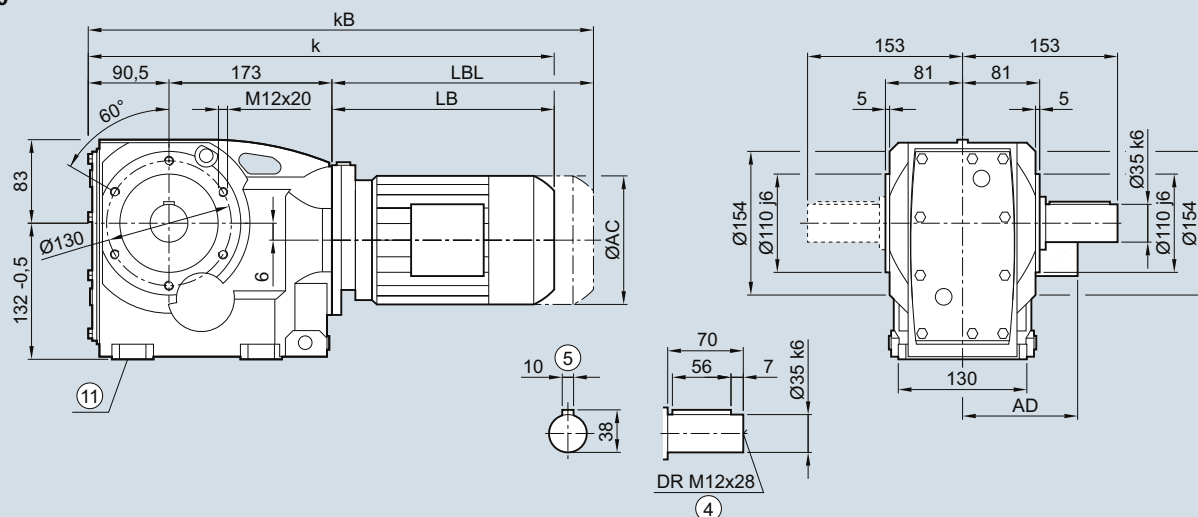
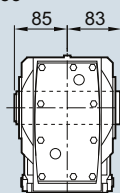
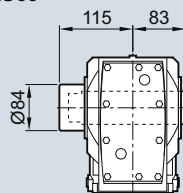
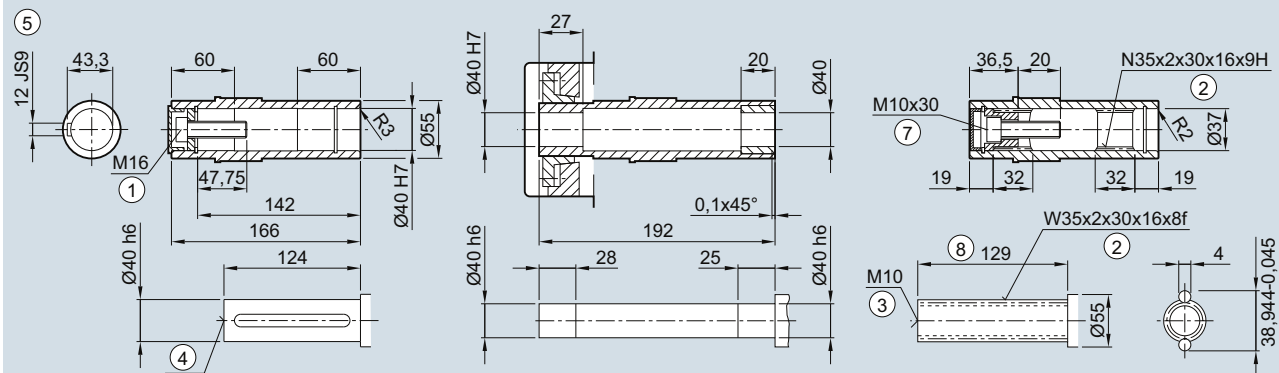
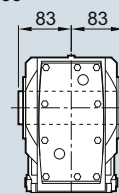
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	499.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	775.0
kB	492.5	535.0	554.0	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K.Z.69 gearbox in a housing flange design
KZ030, KAZ030, KAZS030, KAZT030
KZ69

KAZ69

KAZS69

KAZT69


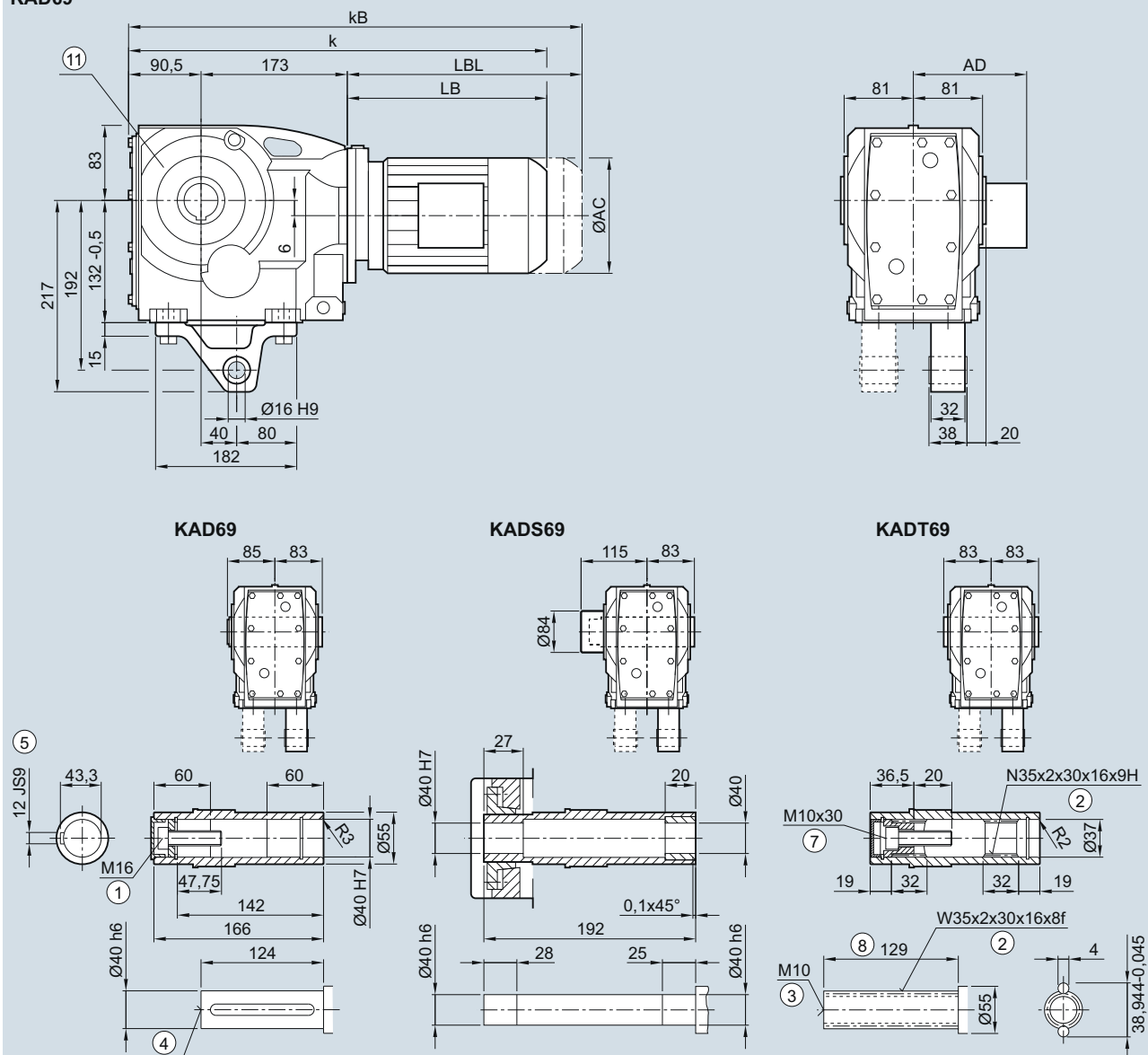
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	499.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	775.0
kB	492.5	535.0	554.0	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	235.5	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	290.5	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 6885-1 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm
 ⑧ Use bores only for foot-mounted design ⑨ AD depends on the motor options, for other dimensions see page 8/42.

Bevel geared motors

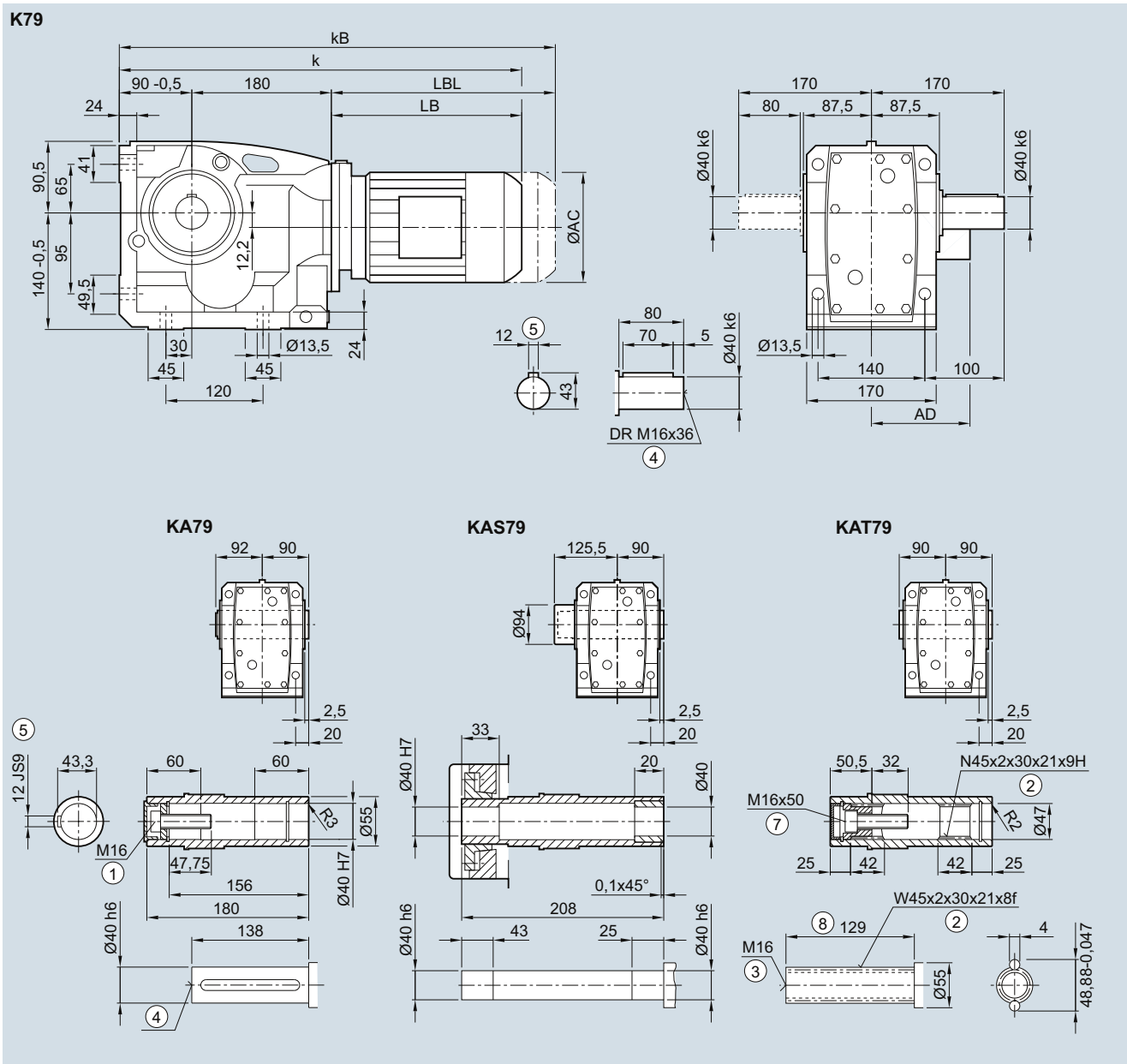
KAD.69 gearbox in a shaft-mounted design

KAD69



Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	499.0	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	554.0	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ Use bores only for housing flange design ⑪ AD depends on the motor options, for other dimensions [see page 8/42](#).

K..79 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030


Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	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	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	505.5	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	560.5	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	235.5	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	290.5	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 6885-1 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

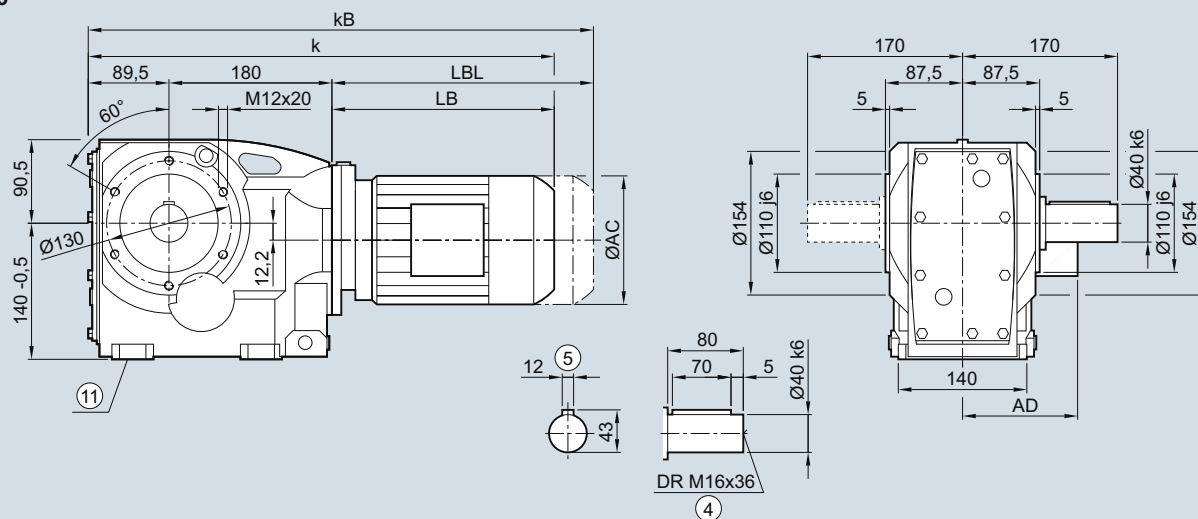
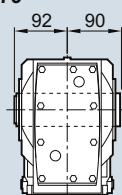
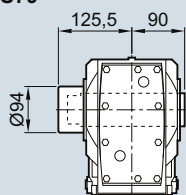
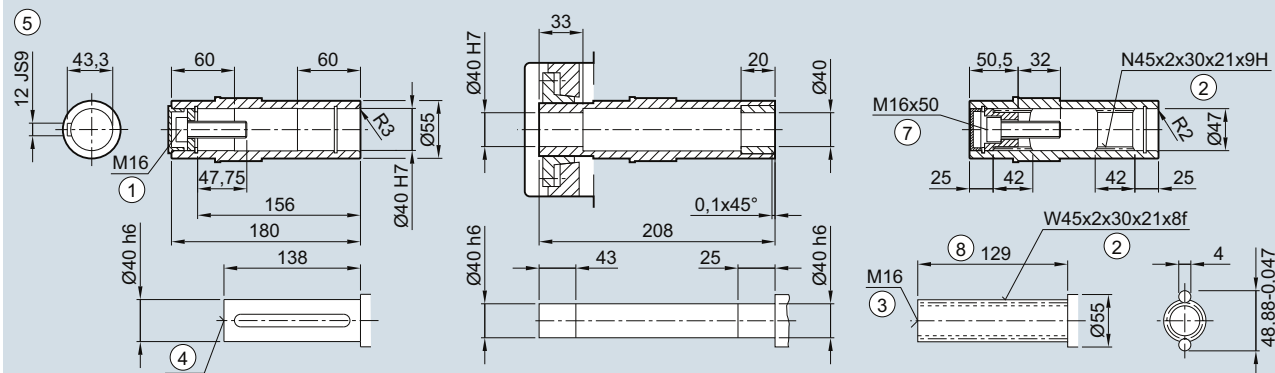
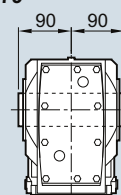
Bevel geared motors

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

KF030, KAF030, KAFS030, KAFT030



¹⁾ AD depends on the motor options, for other dimensions [see page 8/42](#).

K.Z.79 gearbox in a housing flange design
KZ030, KAZ030, KAZS030, KAZT030
KZ79

KAZ79

KAZS79

KAZT79


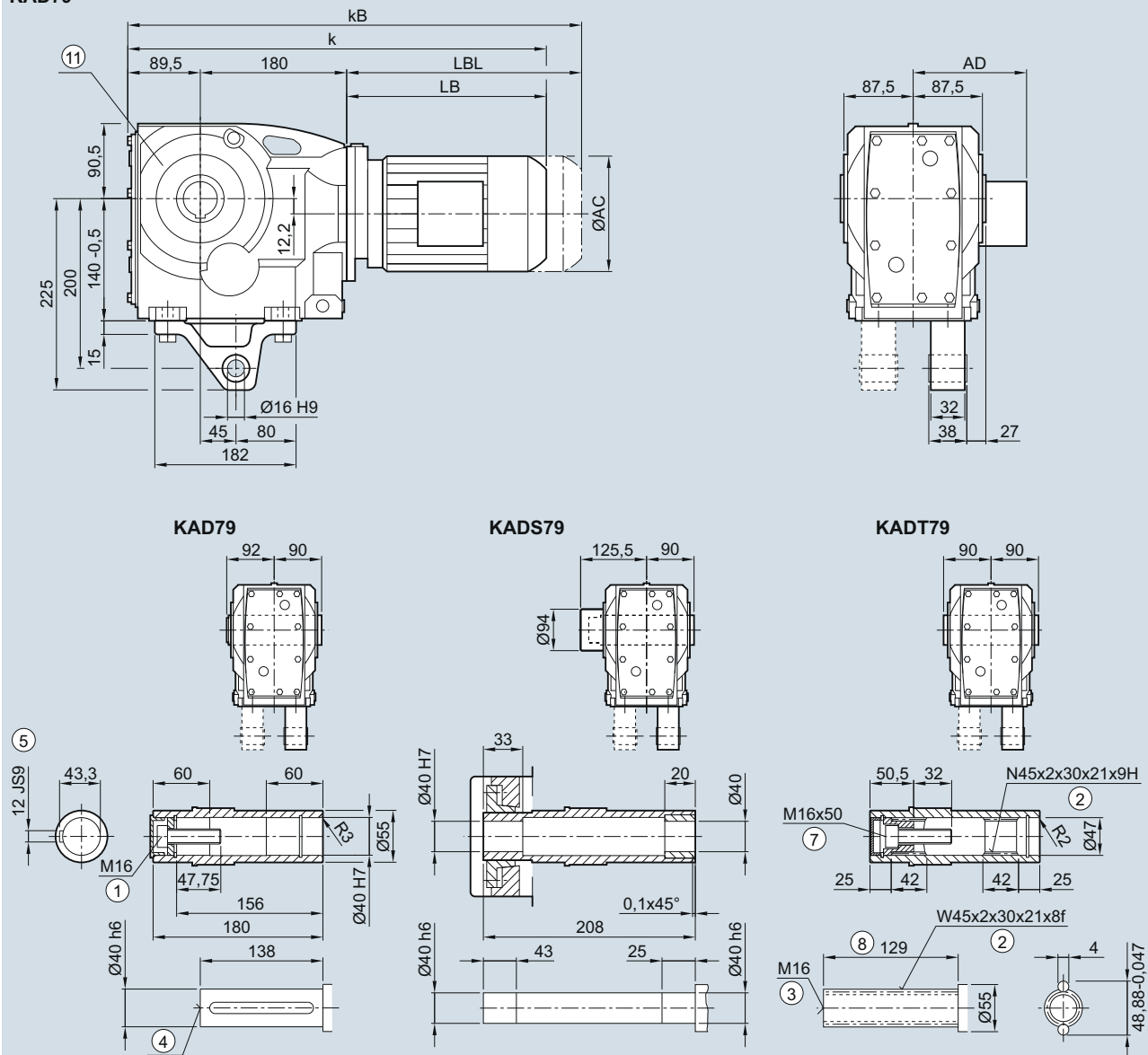
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD ¹⁾	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.0	486.0	505.0	550.0	585.0	611.5	651.5	668.0	703.0	678.5	712.5	731.0	781.0
kB	498.5	541.0	560.0	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	235.5	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	290.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for foot-mounted design
 1) AD depends on the motor options, for other dimensions see page 8/42.

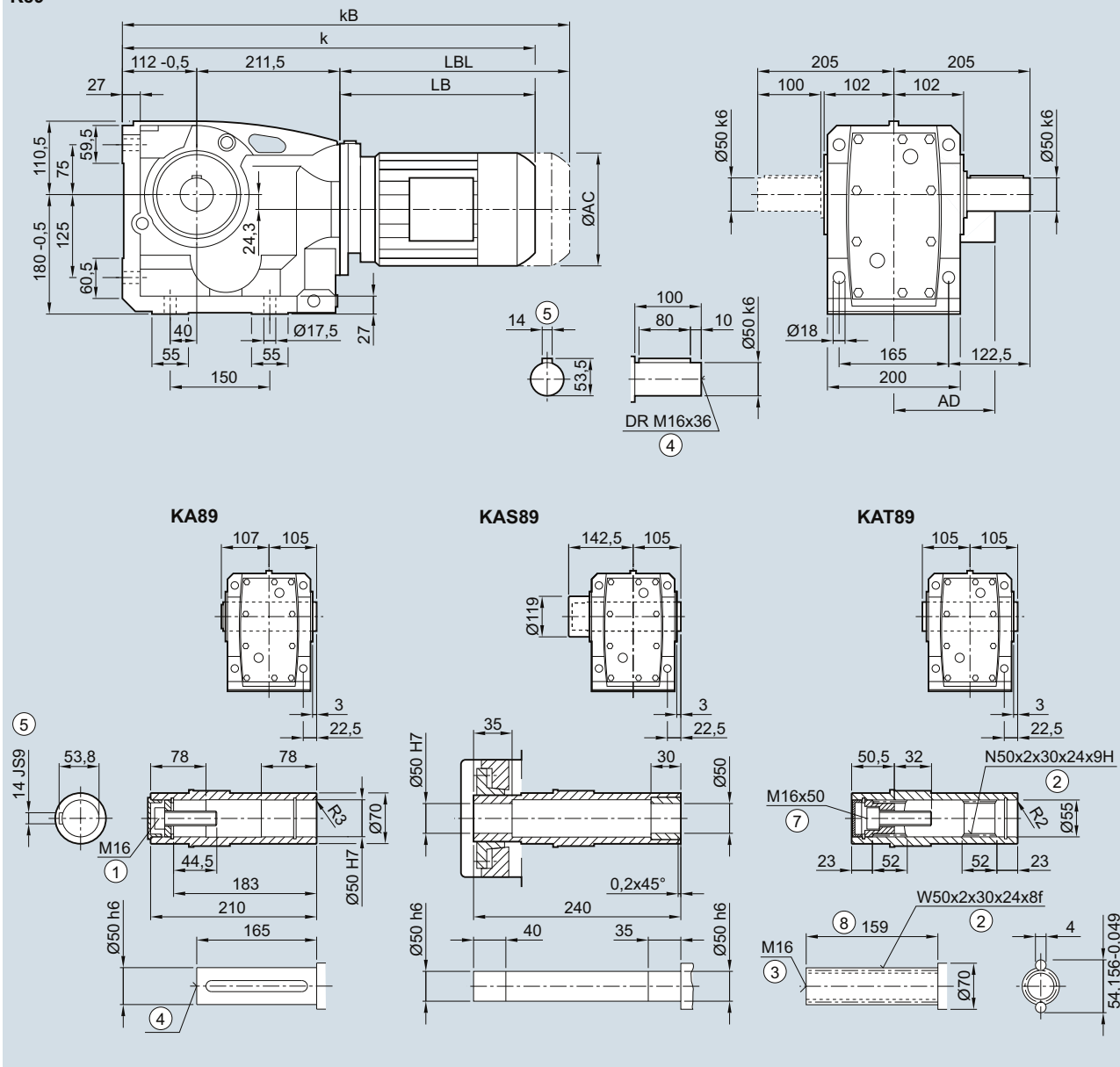
Bevel geared motors

KAD.79 gearbox in a shaft-mounted design

KAD79



① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ Use bores only for housing flange design 1) AD depends on the motor options, for other dimensions [see page 8/42](#).

K..89 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030
K89


Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	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	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	557.0	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	612.0	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	233.5	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	288.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

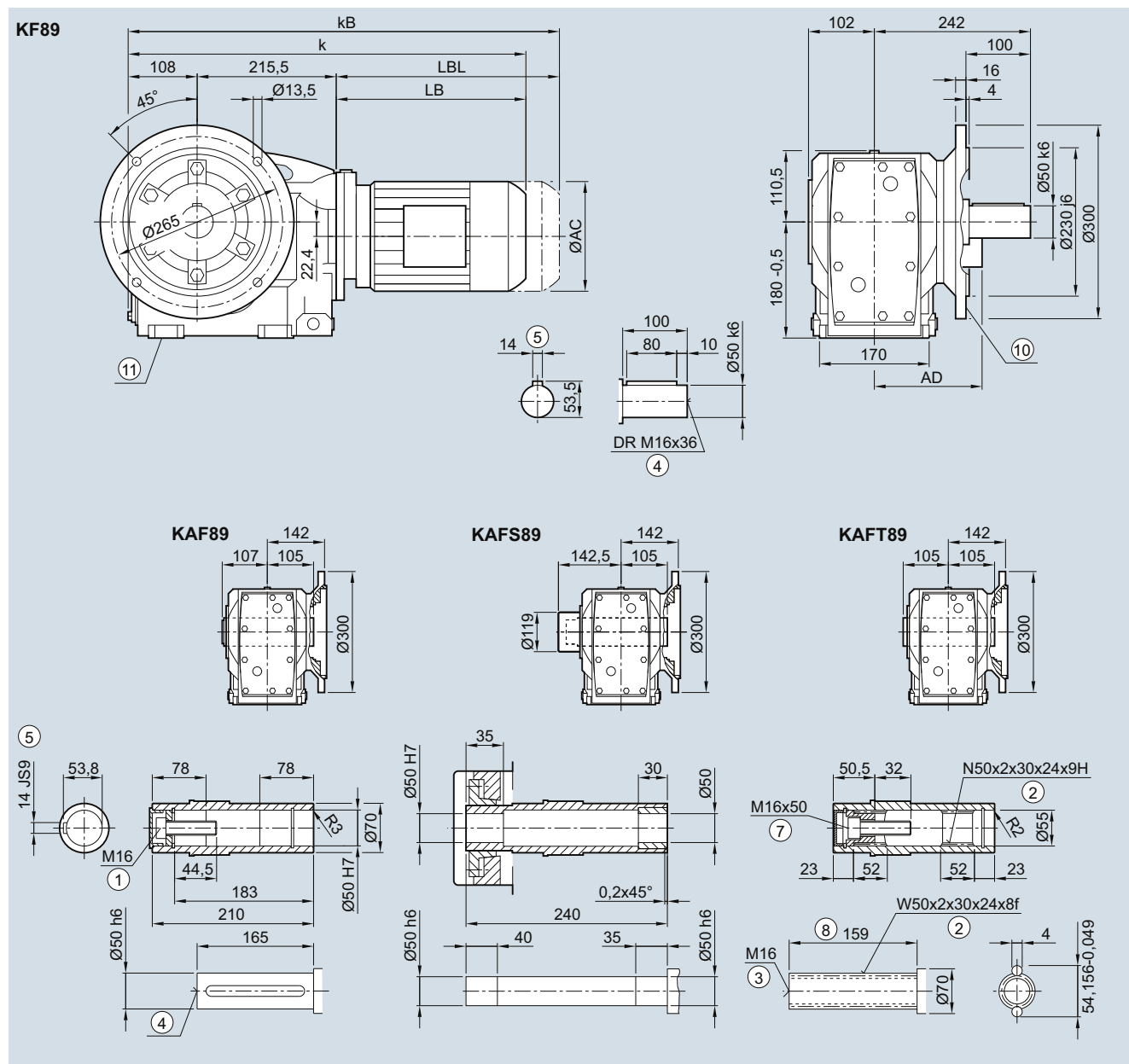
SIMOGEAR geared motors

Bevel geared motors

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	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	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	557.0	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	612.0	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	233.5	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	288.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

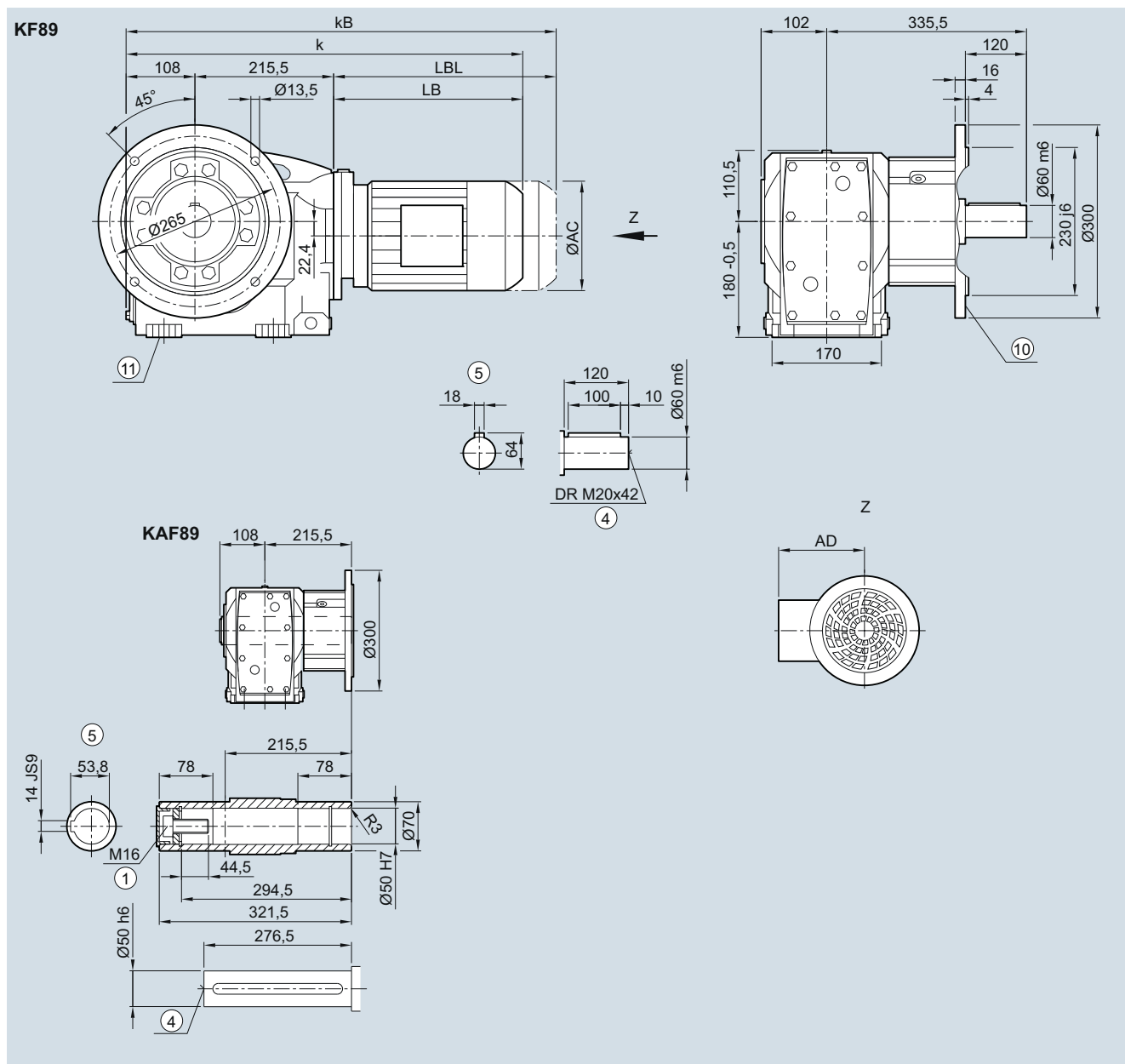
SIMOGEAR geared motors

Bevel geared motors

Dimensions

K.F.89 gearbox in a flange-mounted design with VLplus reinforced bearing system (G30)

KF040, KAF040



Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	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	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	557.0	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	612.0	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	233.5	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	288.5	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 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1

⑥ Use bores only for foot-mounted design

⑦ For inner contour see page 5/141

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

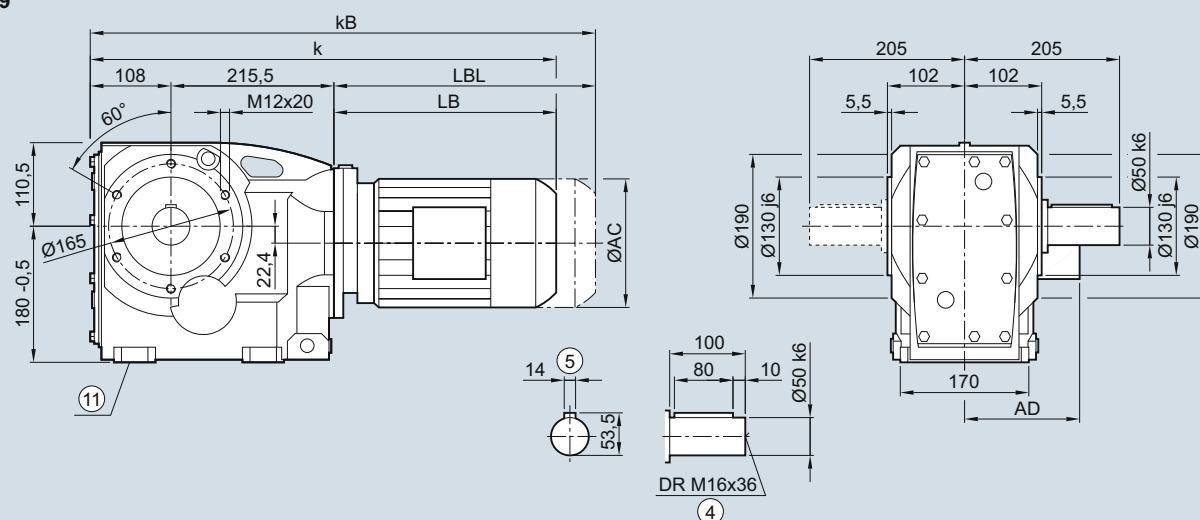
Bevel geared motors

Dimensions

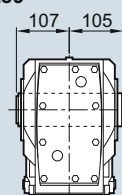
K.Z.89 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

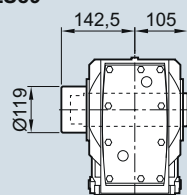
KZ89



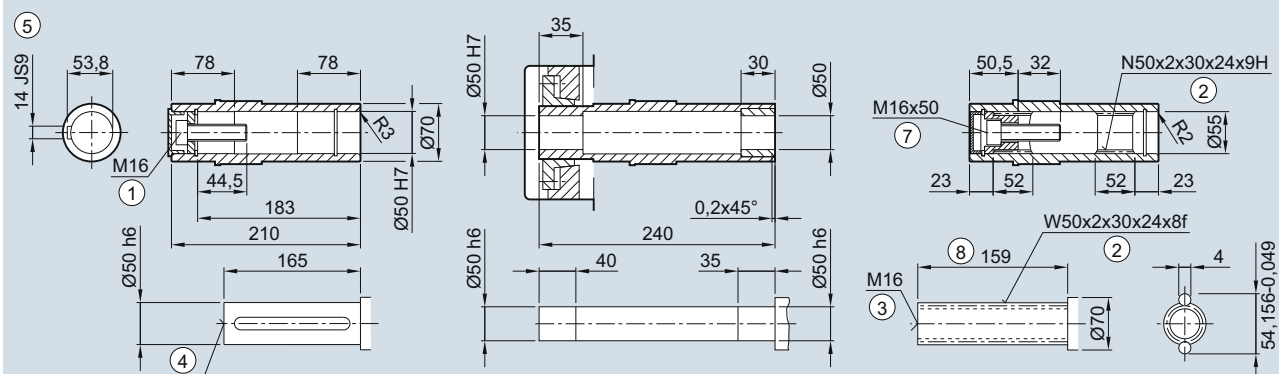
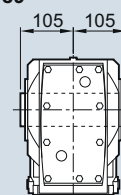
KAZ89



KAZS89

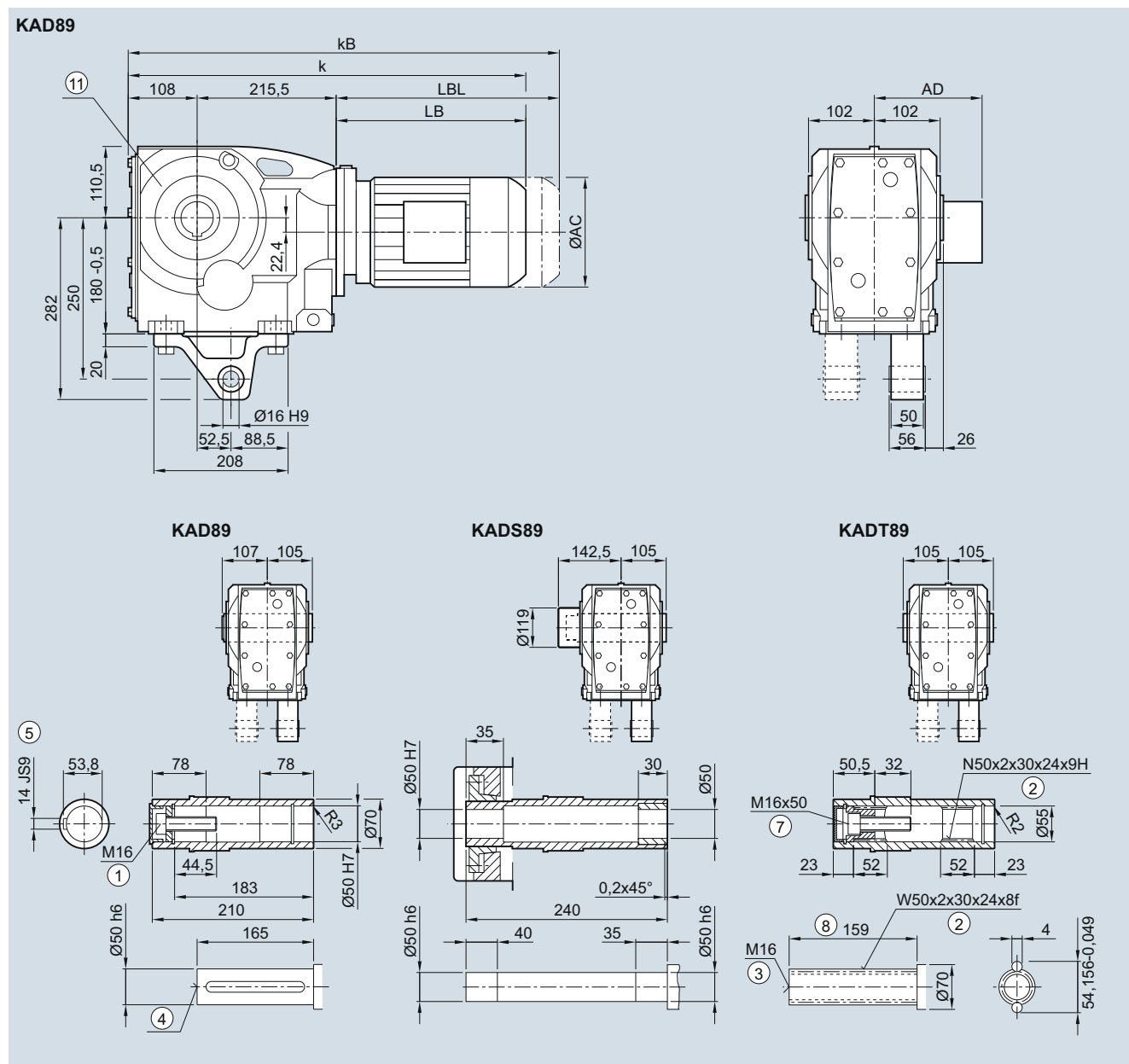


KAZT89



Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	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	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	557.0	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	612.0	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	233.5	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	288.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for foot-mounted design
 1) AD depends on the motor options, for other dimensions see page 8/42.

KAD.89 gearbox in a shaft-mounted design
KAD031, KADS031, KADT031


Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	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	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	557.0	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	612.0	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	233.5	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	288.5	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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for housing flange design
 1) AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

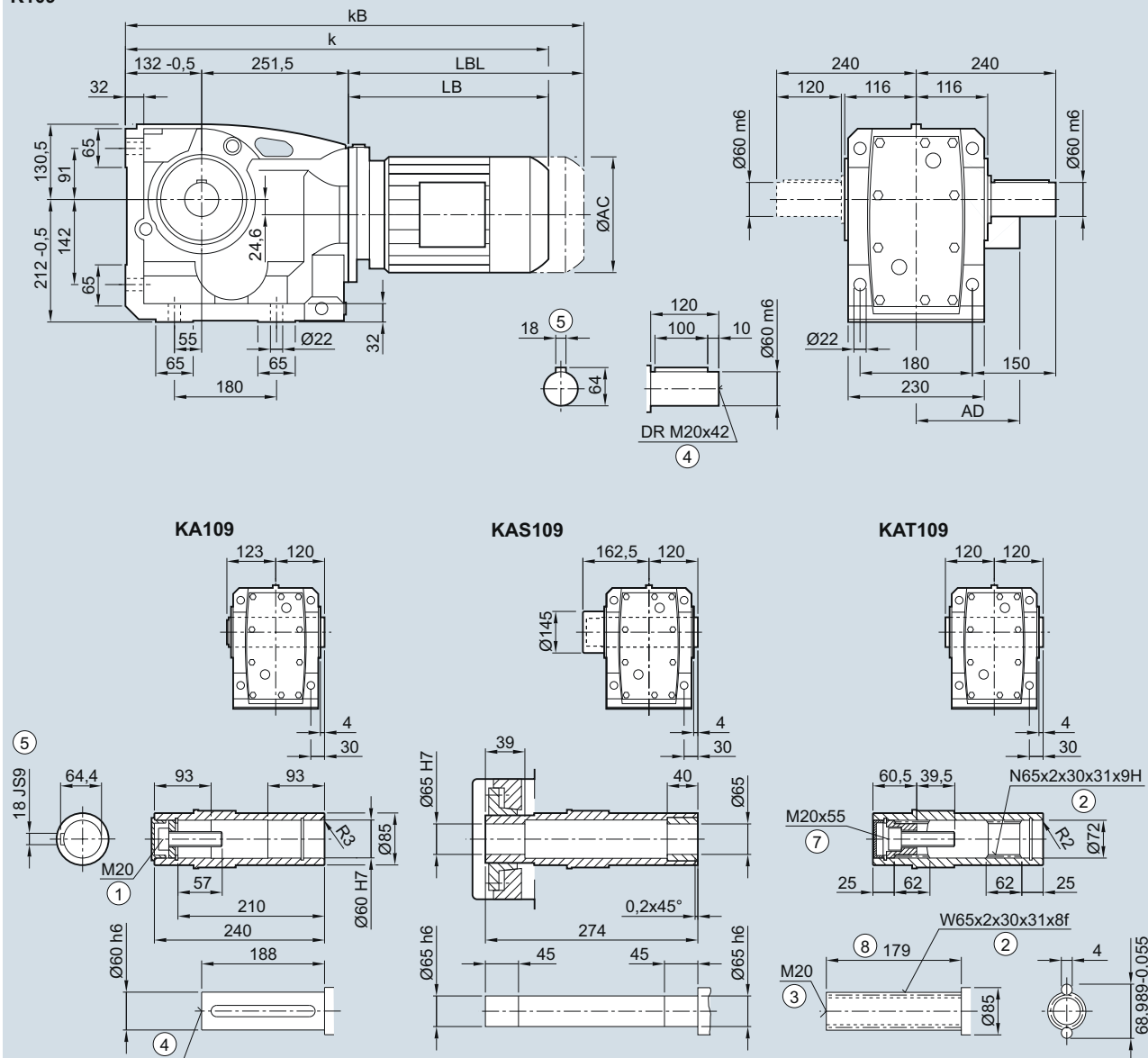
Bevel geared motors

Dimensions

K..109 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

K109



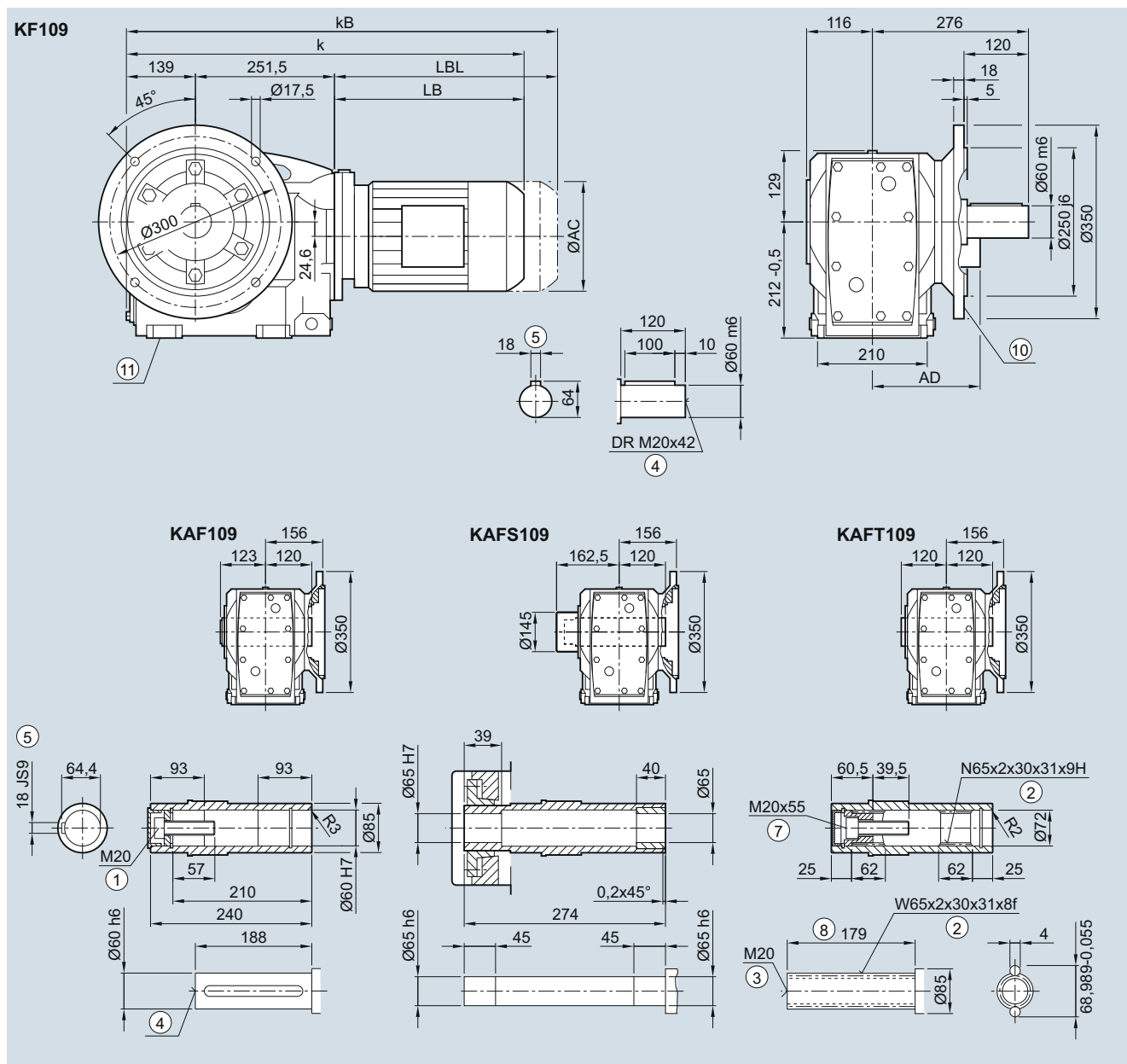
Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	645.0	680.0	706.5	746.5	759.0	794.0	769.0	794.0	822.0	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 6885-1 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

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

KF030, KAF030, KAFS030, KAFT030



Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

⑧ Without locating shoulder +1 mm

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

⑪ Use bores only for foot-mounted design

Bevel geared motors

K.F.109 gearbox in a flange-mounted design with VLplus reinforced bearing system (G30)

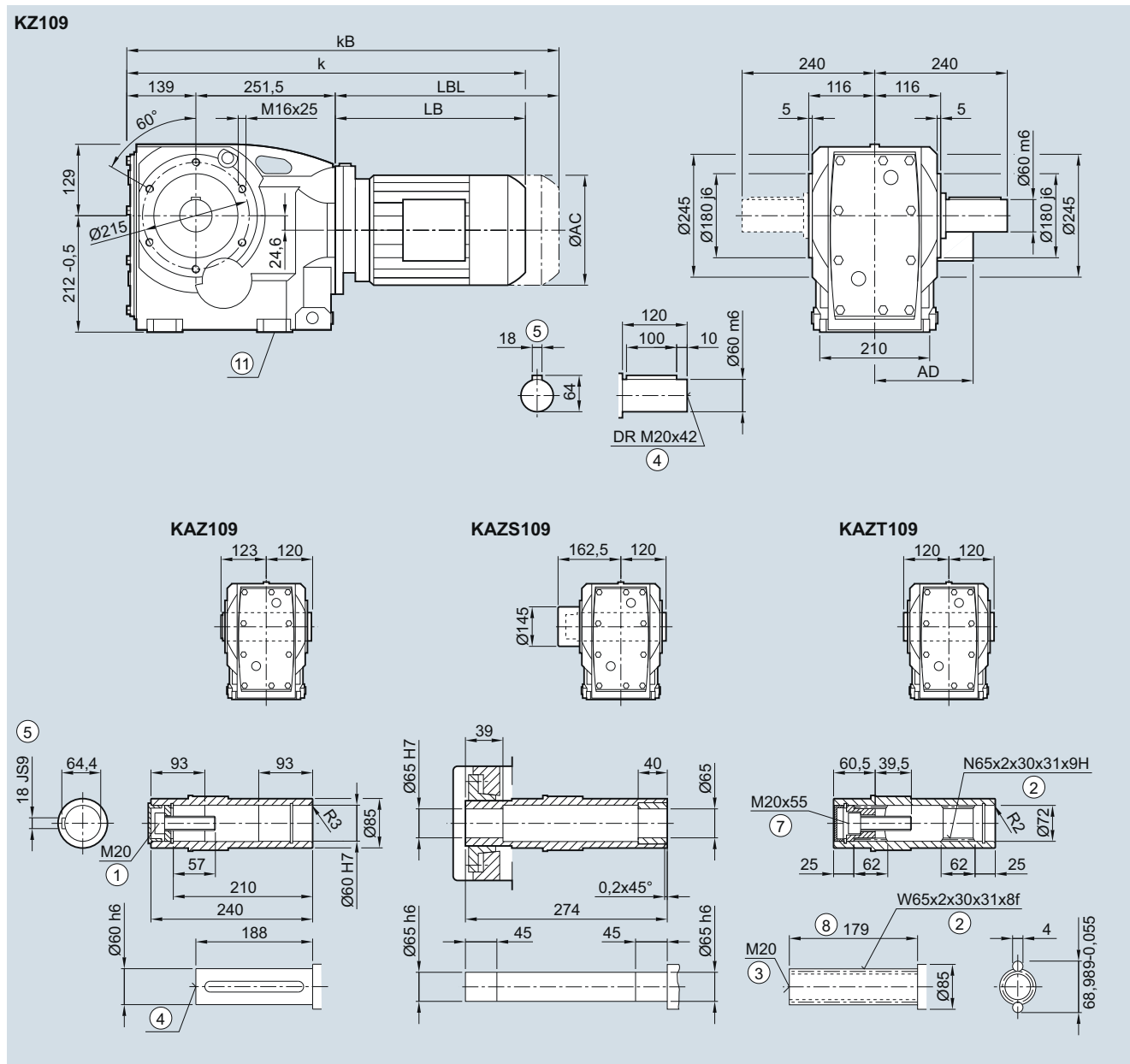
Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD ¹⁾	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0	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

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K.Z.109 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030



Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
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 6885-1 ⑦ ISO 4762

⑧ Without locating shoulder +1 mm

⑪ Use bores only for foot-mounted design

1) AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

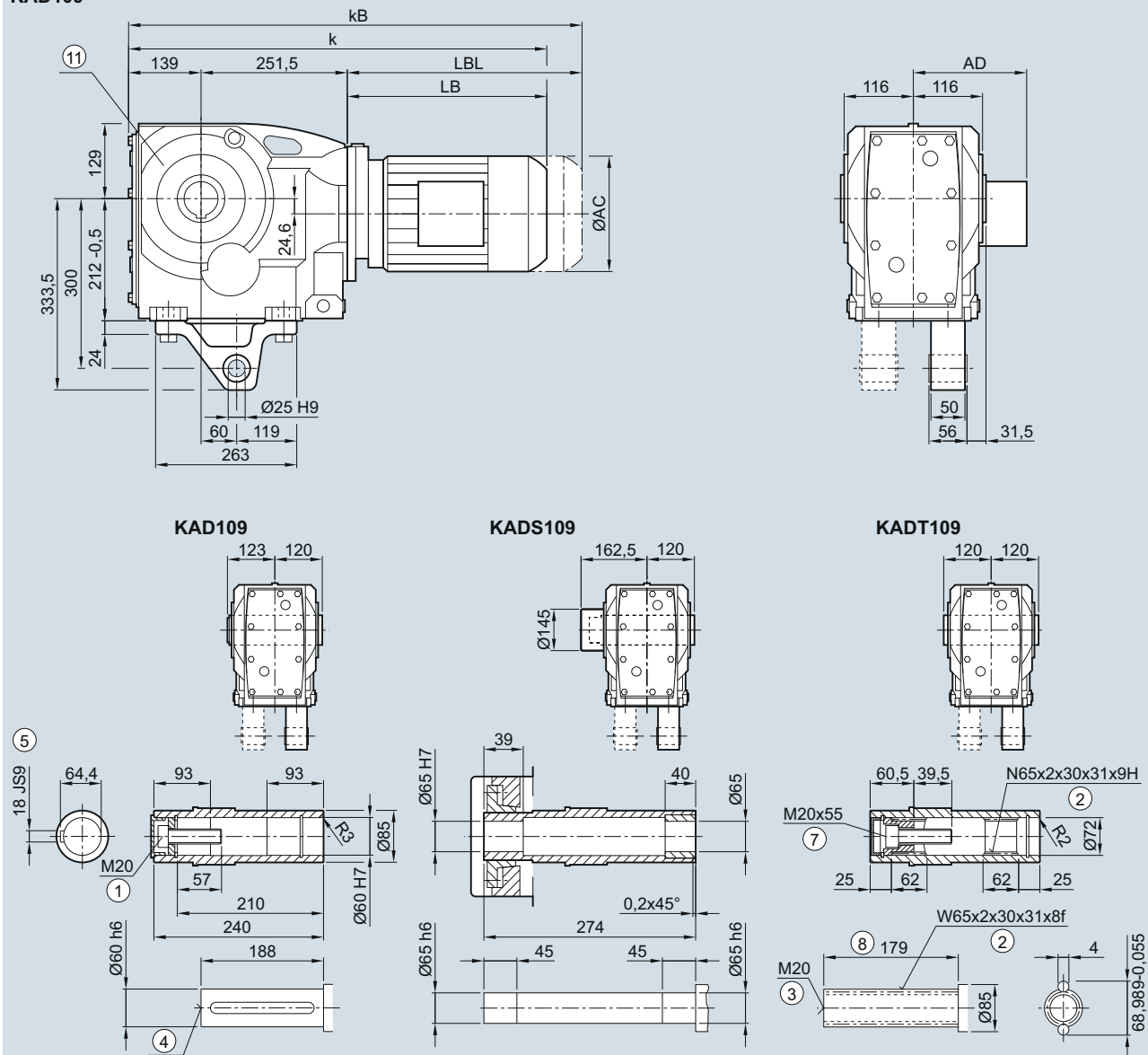
Bevel geared motors

Dimensions

KAD.109 gearbox in a shaft-mounted design

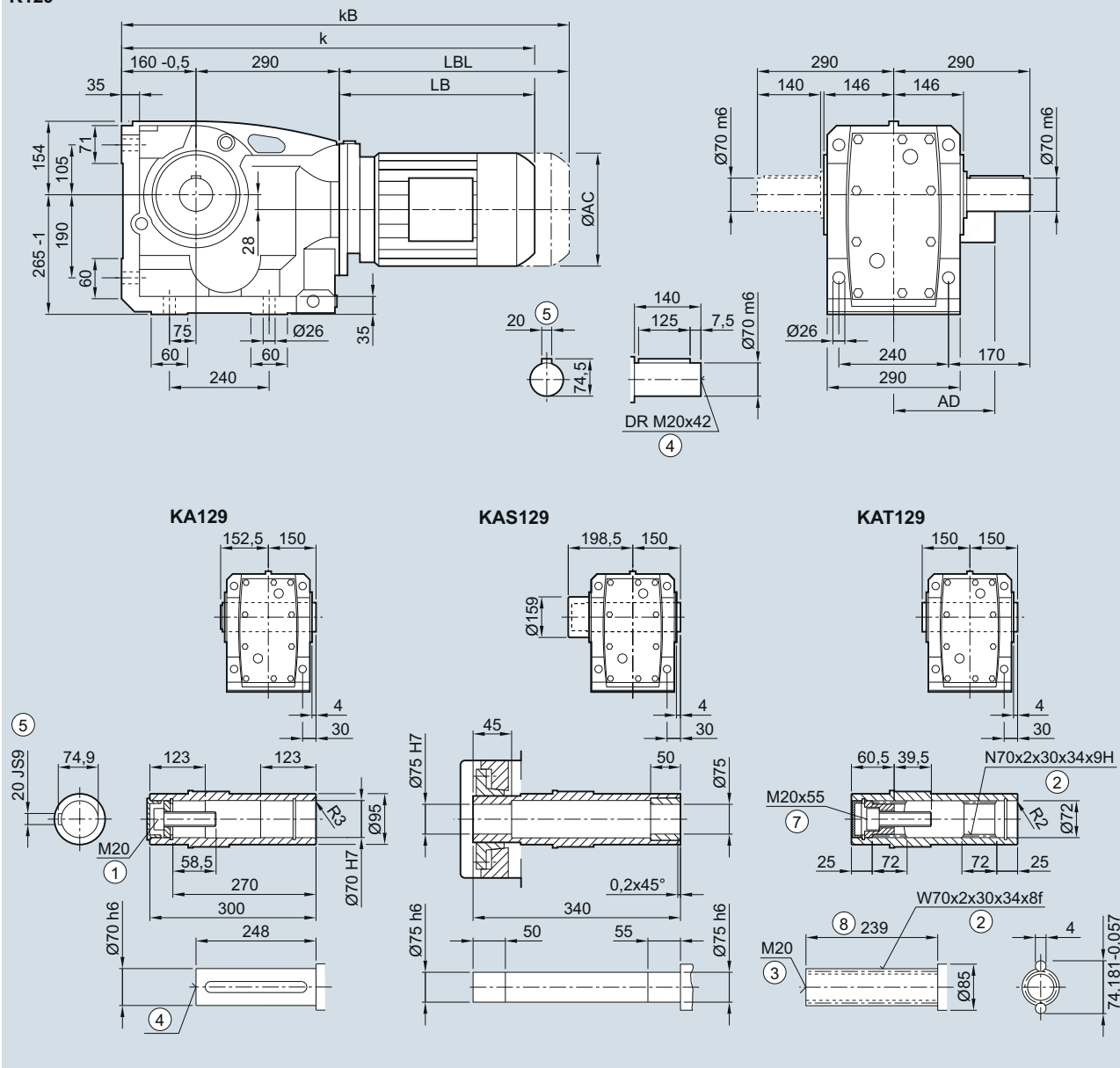
KAD030, KADS030, KADT030

KAD109



Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
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 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for housing flange design ⑩ AD depends on the motor options, for other dimensions see page 8/42.

K..129 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030
K129


Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y
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	382.0	382.0
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	1 376.0	1 436.0
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	926	986

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm

1) AD depends on the motor options, for other dimensions see page 8/42.

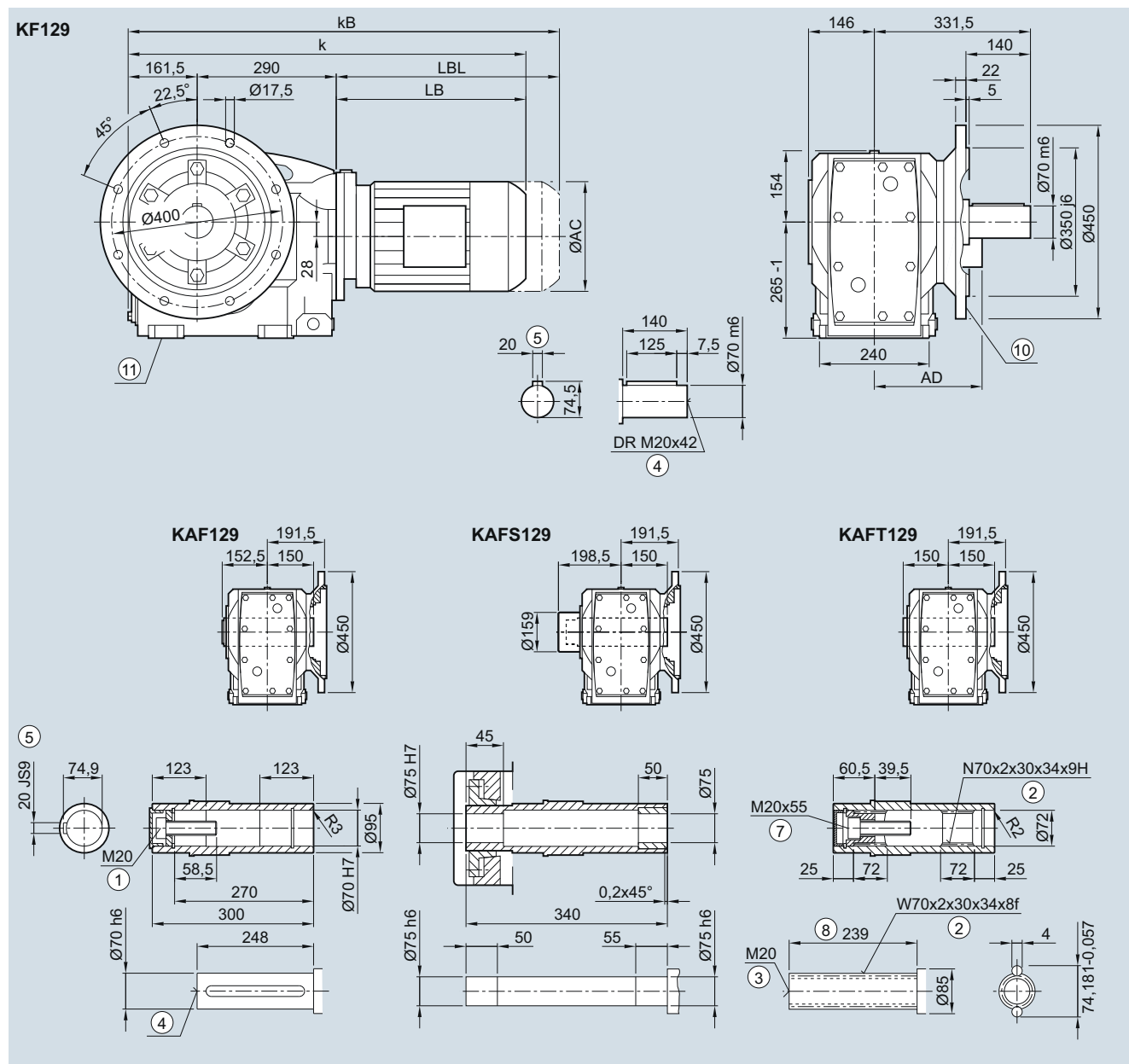
SIMOGEAR geared motors

Bevel geared motors

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y
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	382.0	382.0
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
k _B	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	1 377.5	1 437.5
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	926.0	986.0

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

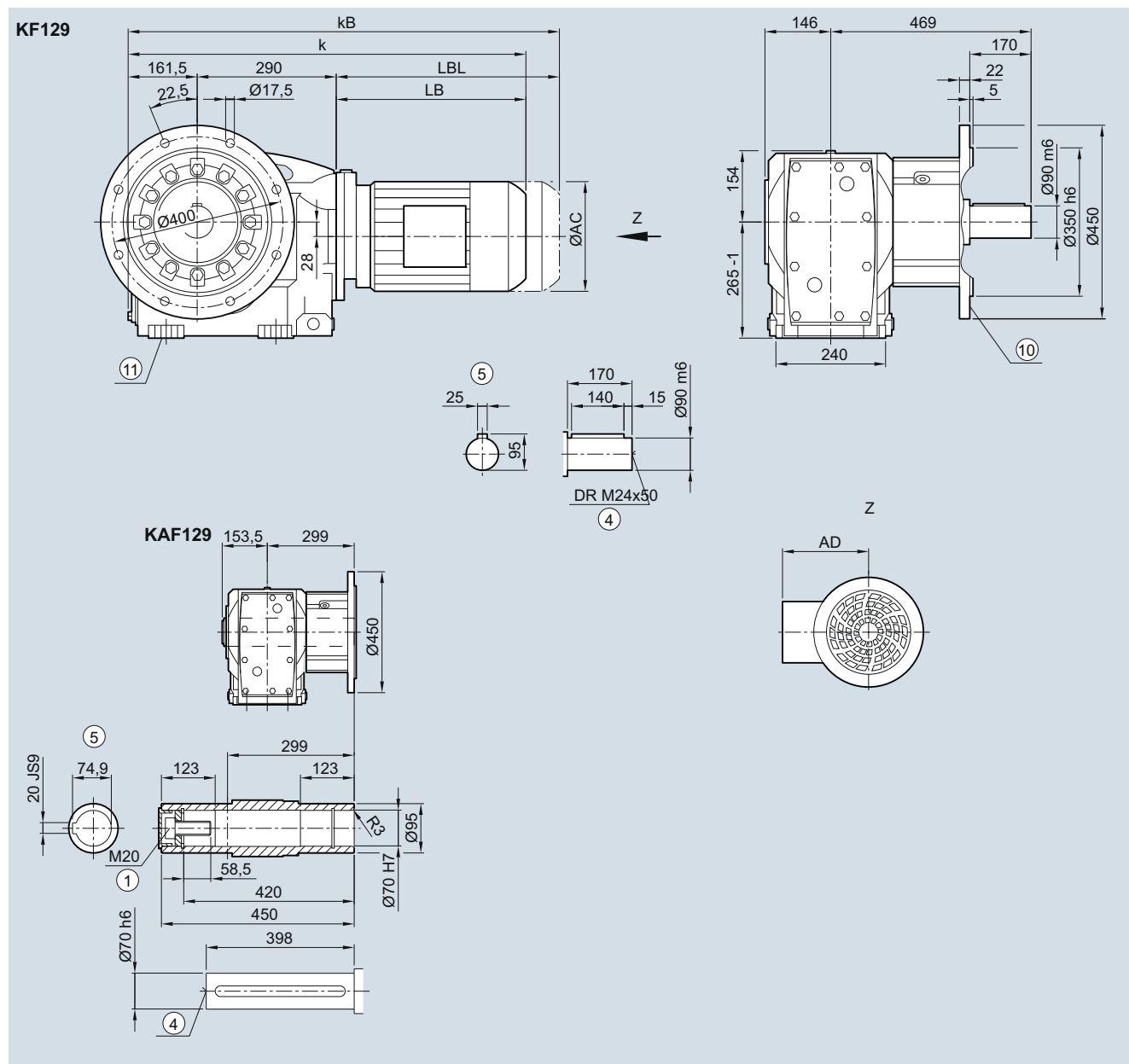
⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K.F.129 gearbox in a flange-mounted design with VLplus reinforced bearing system (G30)

KF040, KAF040



Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y
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	382.0	382.0
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	1 377.5	1 437.5
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	926.0	986.0

① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1

⑪ Use bores only for foot-mounted design

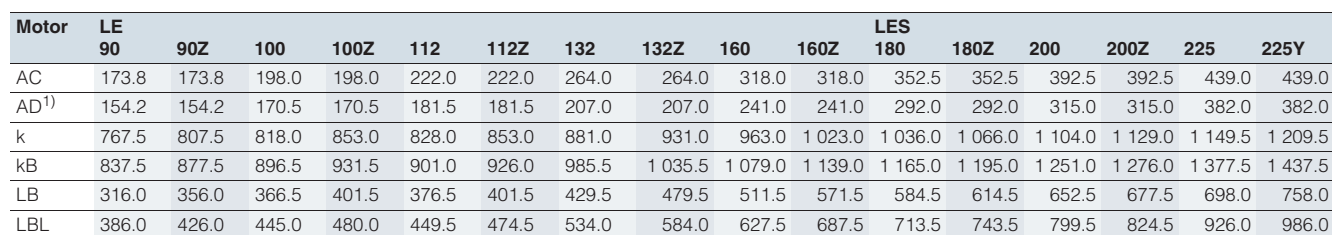
⑩ For inner contour see page 5/141

1) AD depends on the motor options, for other dimensions see page 8/42.

Bevel geared motors

K.Z.129 gearbox in a housing flange design

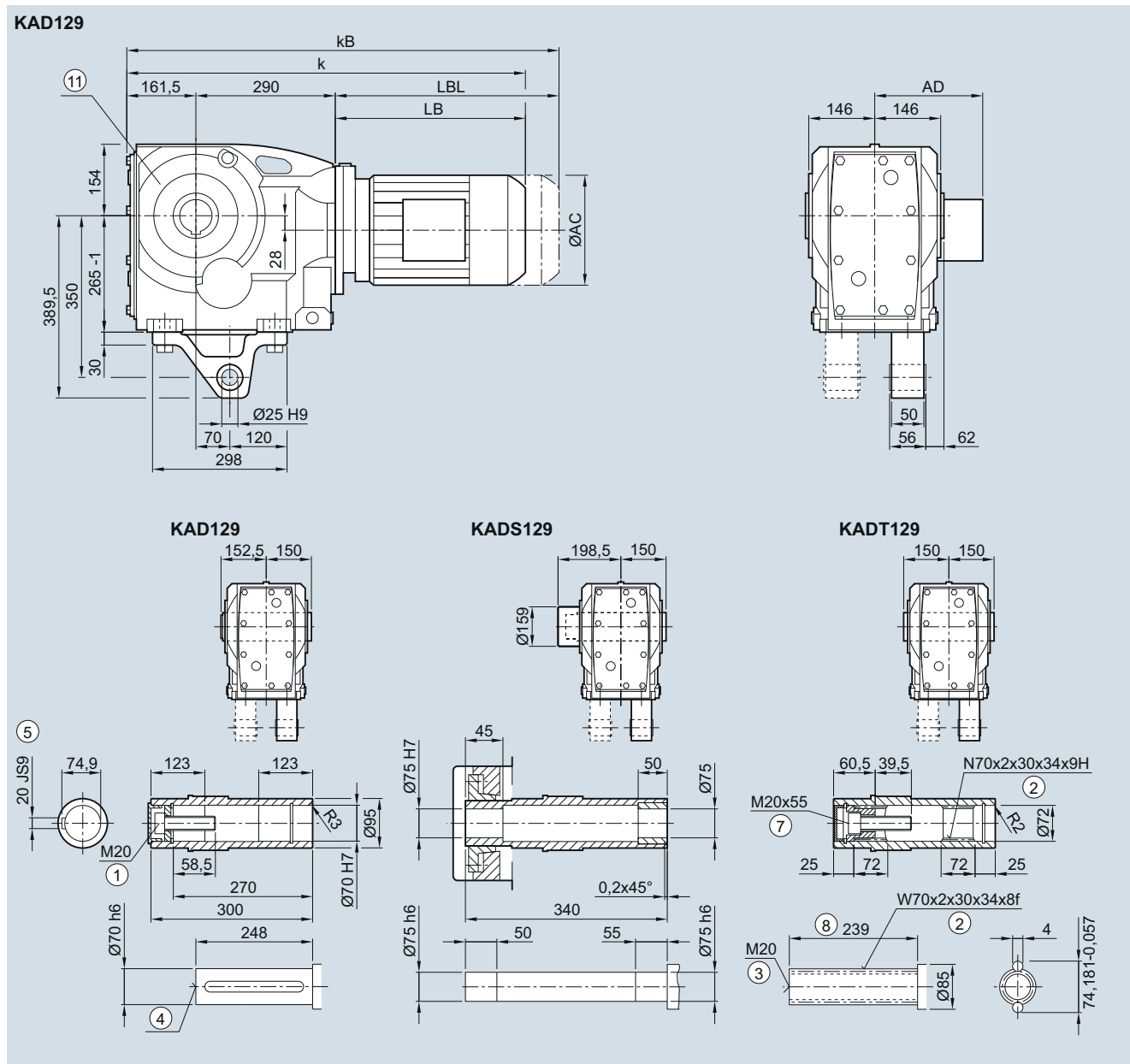
KZ129



5/120

KAD.129 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030



Motor	LE											LES					
	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y	
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	382.0	382.0	
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	1 377.5	1 437.5	
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	926.0	986.0	

① ISO 4014 ② DIN 5480 ③ DIN 332-D
⑪ Use bores only for housing flange design

⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

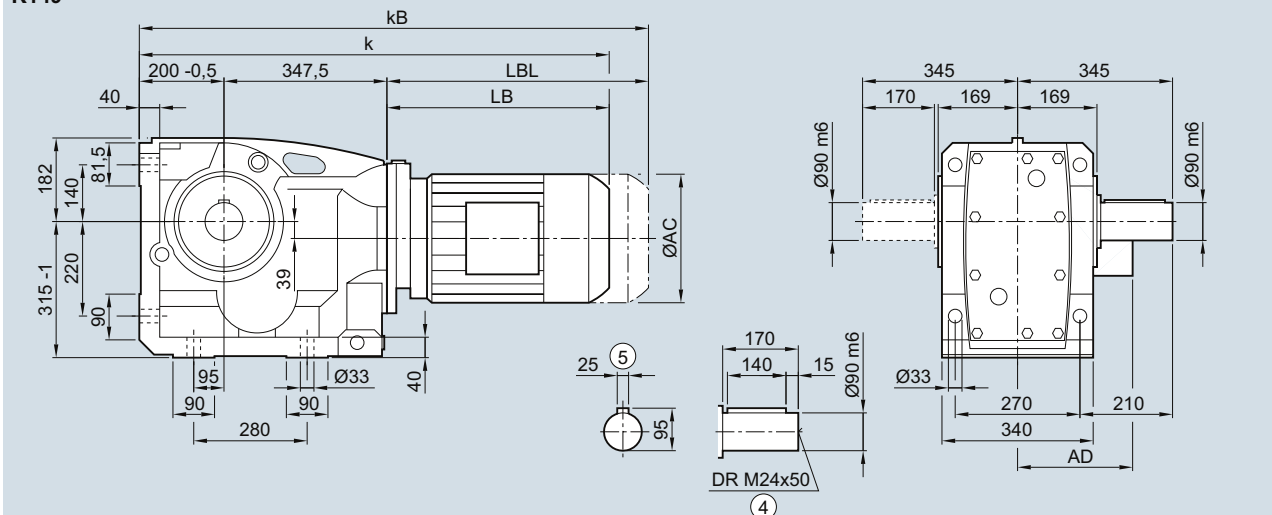
Bevel geared motors

Dimensions

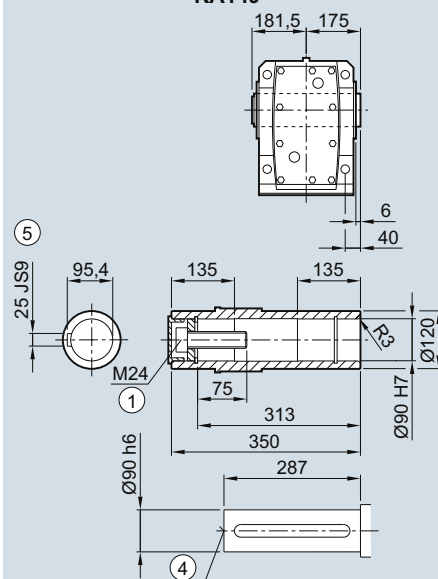
K..149 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

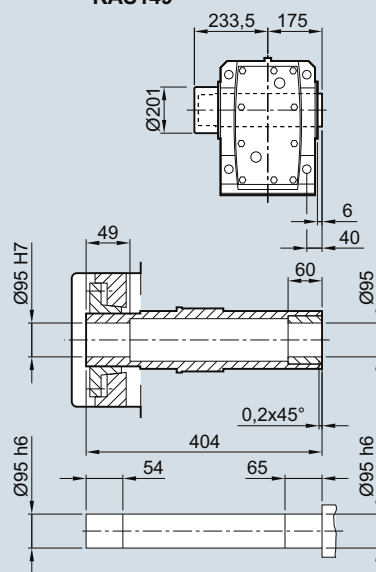
K149



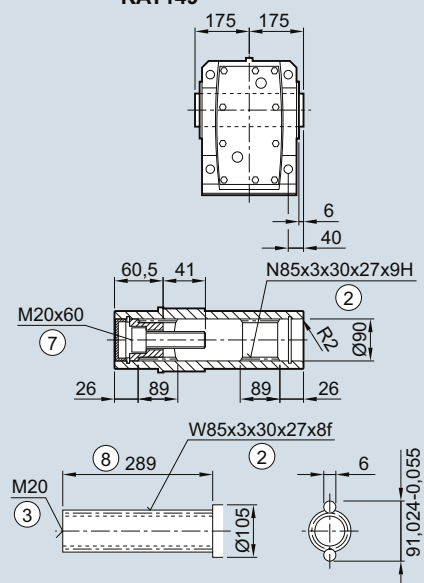
KA149



KAS149



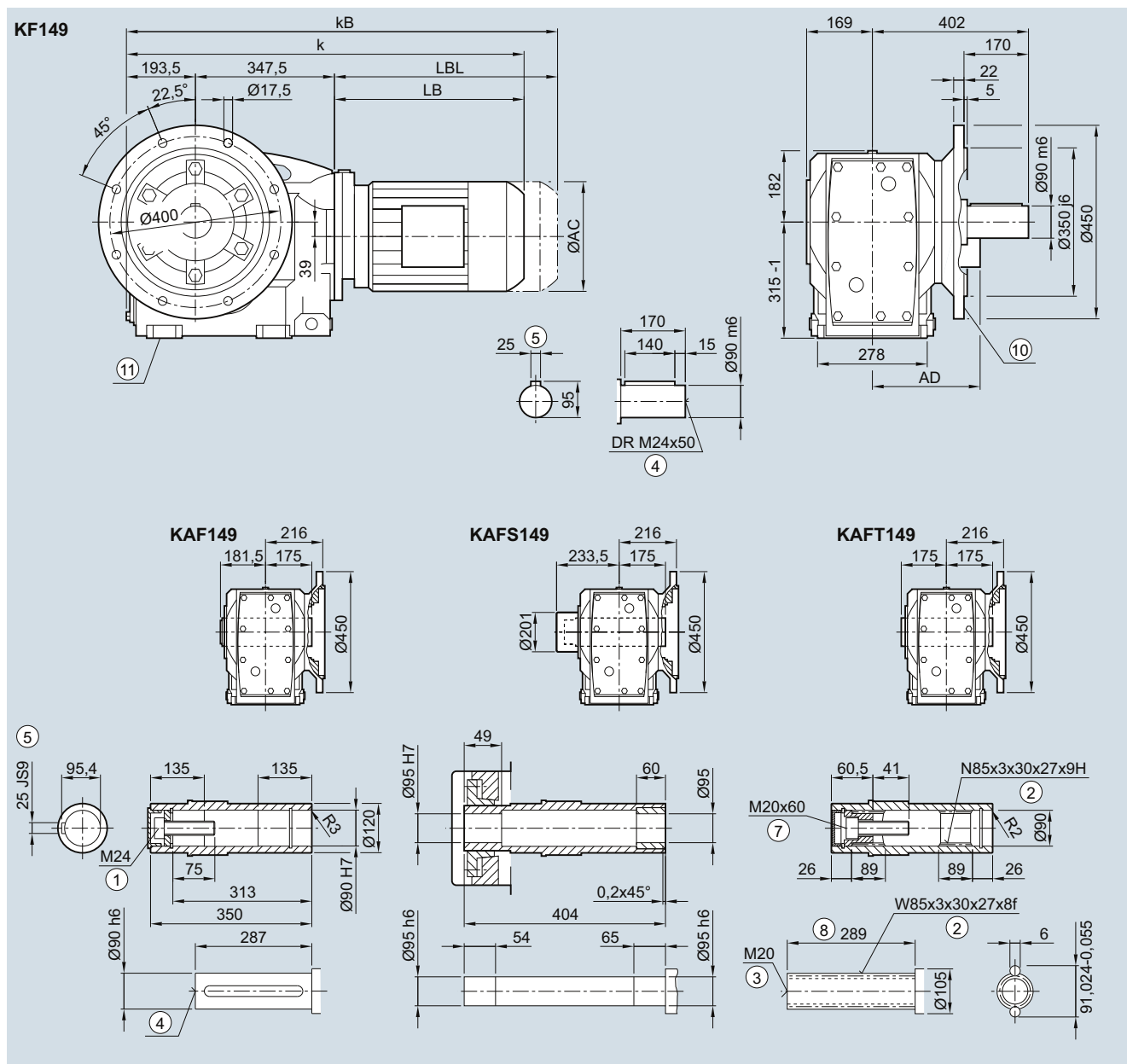
KAT149



Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
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	382.0	382.0	457.5
k	856.5	896.5	905.0	940.0	915.0	940.0	966.0	1 016.0	1 048.0	1 108.0	1 121.0	1 151.0	1 189.0	1 214.0	1 234.5	1 294.5	1 346.0
kB	926.5	966.5	983.5	1 018.5	988.0	1 013.0	1 070.5	1 120.5	1 164.0	1 224.0	1 250.0	1 280.0	1 336.0	1 361.0	1 462.5	1 522.5	1 571.0
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	687.0	747.0	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	915.0	975.0	1 023.5

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

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K.F.149 gearbox in a flange-mounted design
KF030, KAF030, KAFS030, KAFT030


Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
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	382.0	382.0	457.5
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1 009.5	1 041.5	1 101.5	1 114.5	1 144.5	1 182.5	1 207.5	1 228.0	1 288.0	1 339.5
kB	920.0	960.0	977.0	1 012.0	981.5	1 006.5	1 064.0	1 114.0	1 157.5	1 217.5	1 243.5	1 273.5	1 329.5	1 354.5	1 456.0	1 516.0	1 564.5
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	687.0	747.0	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	915.0	975.0	1 023.5

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

 ⑩ For inner contour [see page 5/141](#)

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions [see page 8/42](#).

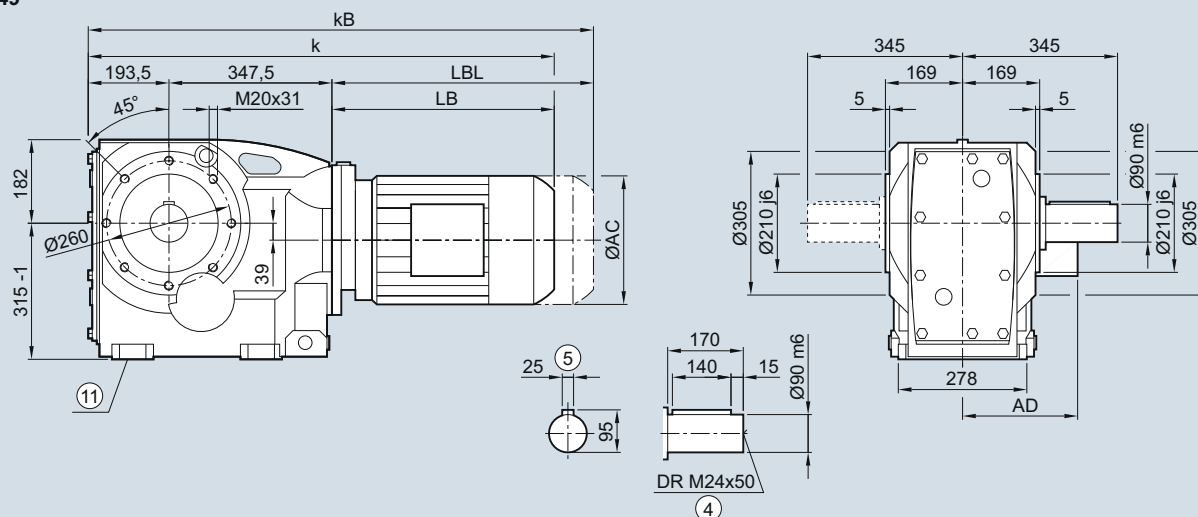
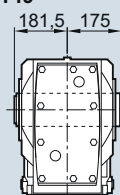
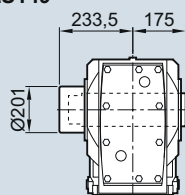
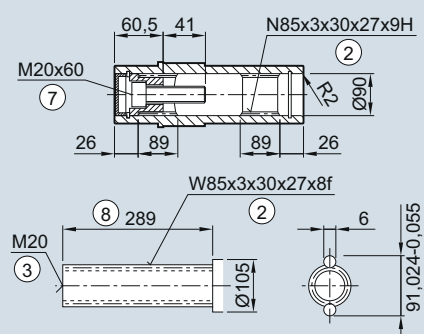
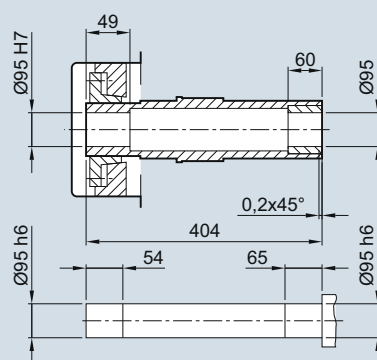
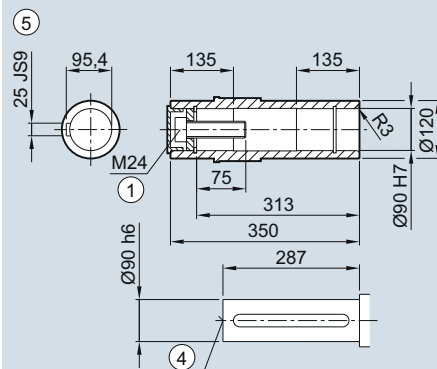
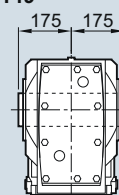
Bevel geared motors

K.F.149 gearbox in a flange-mounted design with VLplus reinforced bearing system (G30)

Motor	LE											LES						
	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y	250	
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	382.0	382.0	457.5	
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1 009.5	1 041.5	1 101.5	1 114.5	1 144.5	1 182.5	1 207.5	1 228.0	1 288.0	1 339.5	
kB	920.0	960.0	977.0	1 012.0	981.5	1 006.5	1 064.0	1 114.0	1 157.5	1 217.5	1 243.5	1 273.5	1 329.5	1 354.5	1 456.0	1 516.0	1 564.5	
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	687.0	747.0	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	915.0	975.0	1 023.5	

⑪ Use bores only for foot-mounted design

1) AD depends on the motor options, for other dimensions see page 8/42.

K.Z.149 gearbox in a housing flange design
KZ030, KAZ030, KAZS030, KAZT030
KZ149

KAZ149

KAZS149

KAZT149


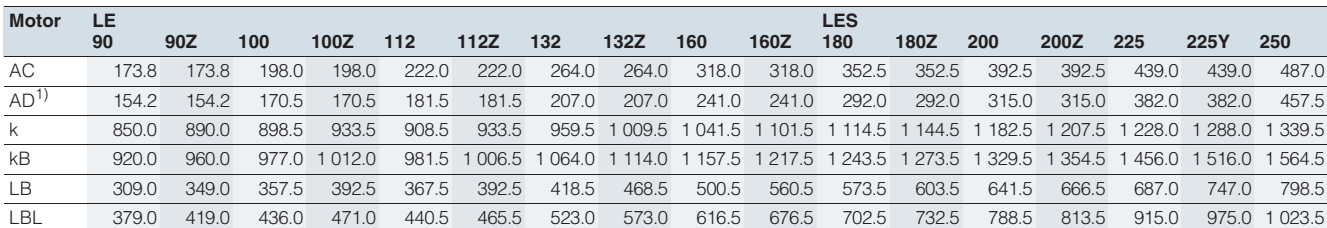
Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD ¹⁾	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	850.0	890.0	898.5	933.5	908.5	933.5	959.5	1 009.5	1 041.5	1 101.5	1 114.5	1 144.5	1 182.5	1 207.5	1 228.0	1 288.0	1 339.5
kB	920.0	960.0	977.0	1 012.0	981.5	1 006.5	1 064.0	1 114.0	1 157.5	1 217.5	1 243.5	1 273.5	1 329.5	1 354.5	1 456.0	1 516.0	1 564.5
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	687.0	747.0	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	915.0	975.0	1 023.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for foot-mounted design ⑩ AD depends on the motor options, for other dimensions see page 8/42.

Bevel geared motors

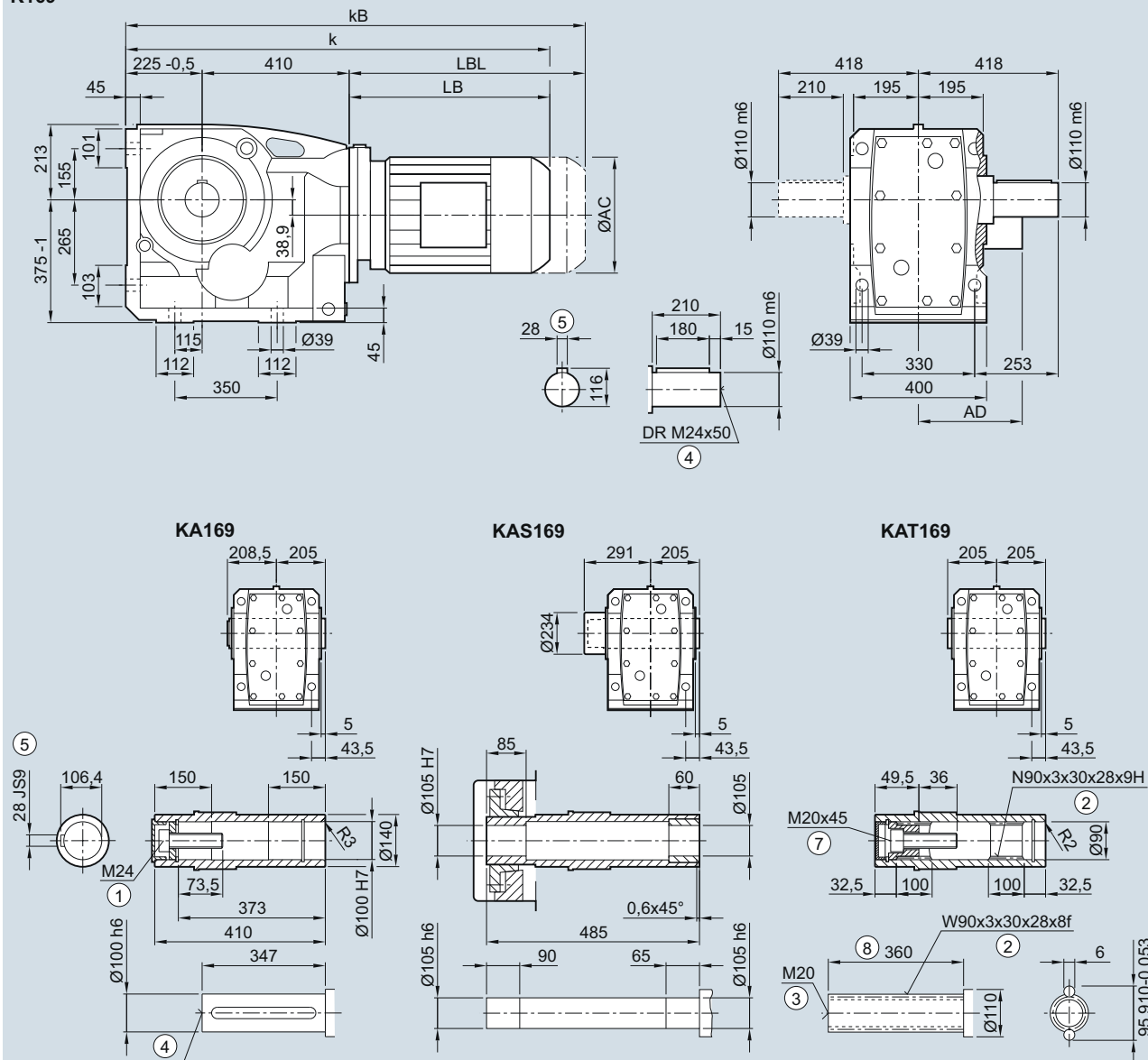
KAD.149 gearbox in a shaft-mounted design

KAD031, KADS031, KADT031



⑪ Use bores only for housing flange design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

K..169 gearbox in a foot-mounted design
K030, KA030, KAS030, KAT030
K169


Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1 026.0	1 001.0	1 026.0	1 047.0	1 097.0	1 129.0	1 189.0	1 202.0	1 232.0	1 270.0	1 295.0	1 315.5	1 375.5	1 427.0
kB	1 069.5	1 104.5	1 074.0	1 099.0	1 151.5	1 201.5	1 245.0	1 305.0	1 331.0	1 361.0	1 417.0	1 442.0	1 543.5	1 603.5	1 652.0
LB	356.0	391.0	366.0	391.0	412.0	462.0	494.0	554.0	567.0	597.0	635.0	660.0	680.5	740.5	792.0
LBL	434.5	469.5	439	464.0	516.5	566.5	610.0	670.0	696.0	726.0	782.0	807.0	908.5	968.5	1 017.0

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

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

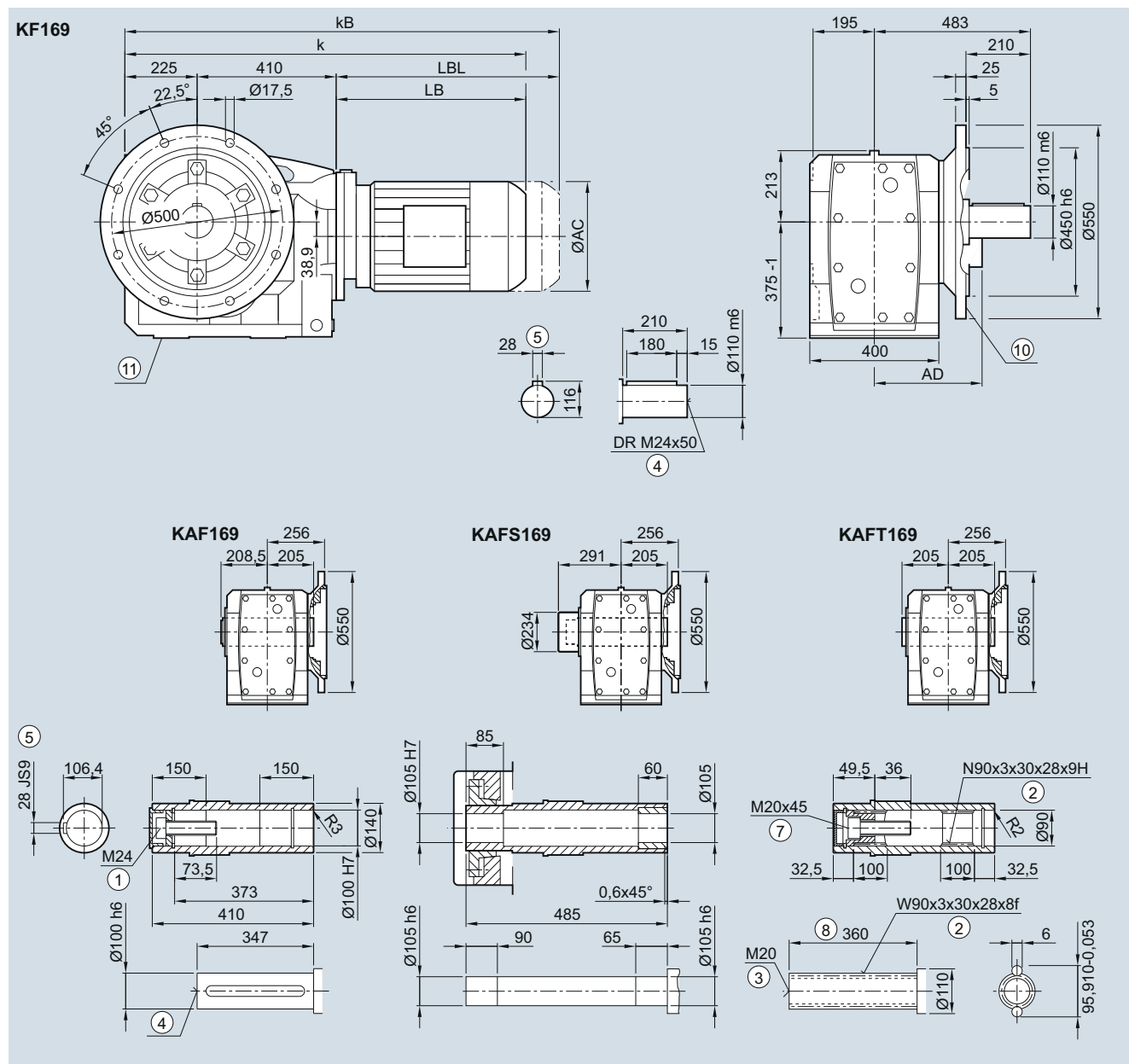
SIMOGEAR geared motors

Bevel geared motors

Dimensions

K.F.169 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1026.0	1001.0	1026.0	1047.0	1097.0	1129.0	1189.0	1202.0	1232.0	1 270.0	1 295.0	1 315.5	1 375.5	1 427.0
kB	1069.5	1104.5	1074.0	1099.0	1151.5	1201.5	1245.0	1305.0	1331.0	1361.0	1 417.0	1 442.0	1 543.5	1 603.5	1 652.0
LB	356.0	391.0	366.0	391.0	412.0	462.0	494.0	554.0	567.0	597.0	635.0	660.0	680.5	740.5	792.0
LBL	434.5	469.5	439.0	464.0	516.5	566.5	610.0	670.0	696.0	726.0	782.0	807.0	908.5	968.5	1 017.0

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

⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

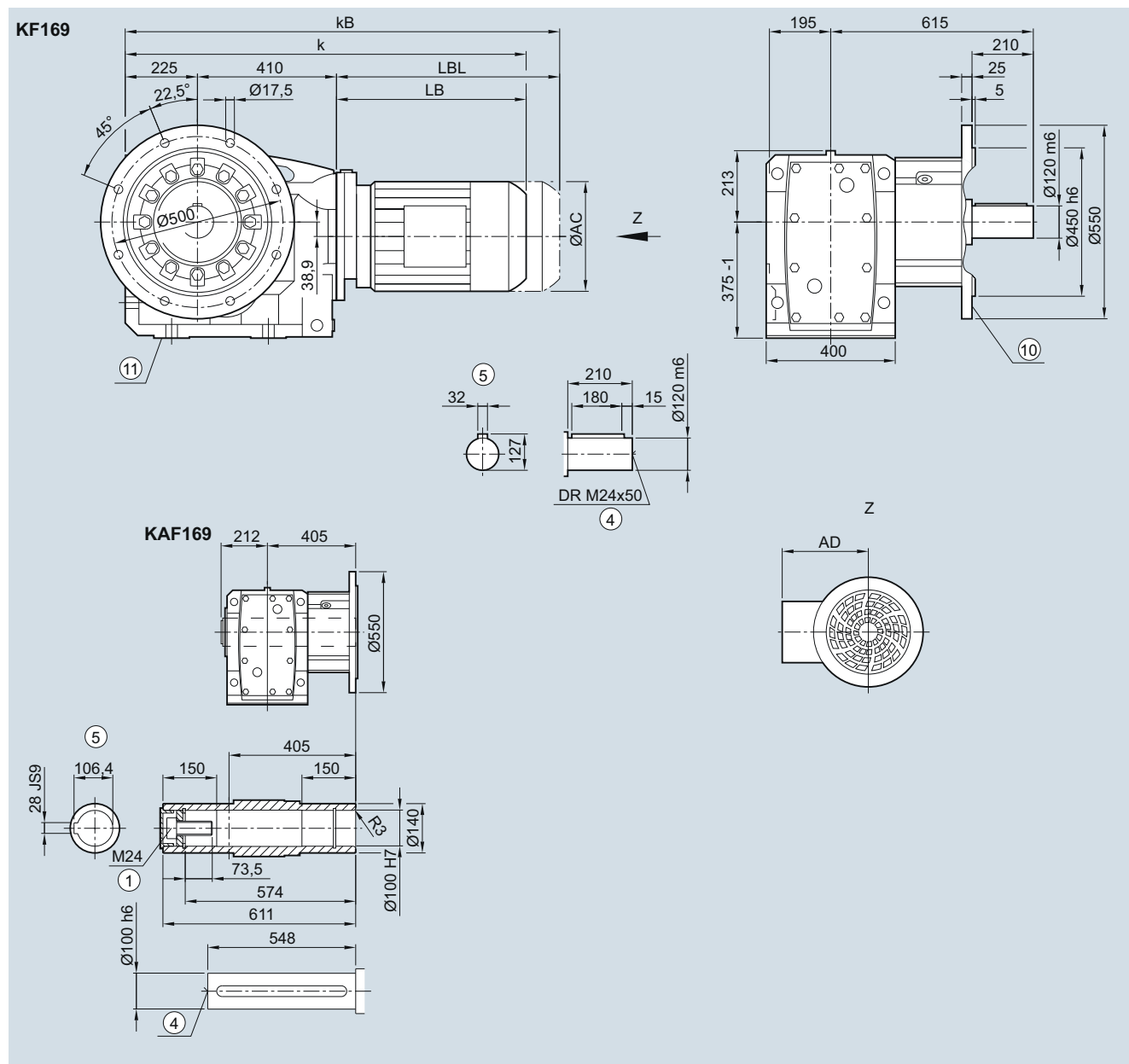
SIMOGEAR geared motors

Bevel geared motors

Dimensions

K.F.169 gearbox in a flange-mounted design with VLplus reinforced bearing system (G30)

KF040, KAF040



Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1 026.0	1 001.0	1 026.0	1 047.0	1 097.0	1 129.0	1 189.0	1 202.0	1 232.0	1 270.0	1 295.0	1 315.5	1 375.5	1 427.0
kB	1 069.5	1 104.5	1 074.0	1 099.0	1 151.5	1 201.5	1 245.0	1 305.0	1 331.0	1 361.0	1 417.0	1 442.0	1 543.5	1 603.5	1 652.0
LB	356.0	391.0	366.0	391.0	412.0	462.0	494.0	554.0	567.0	597.0	635.0	660.0	680.5	740.5	792.0
LBL	434.5	469.5	439.0	464.0	516.5	566.5	610.0	670.0	696.0	726.0	782.0	807.0	908.5	968.5	1 017.0

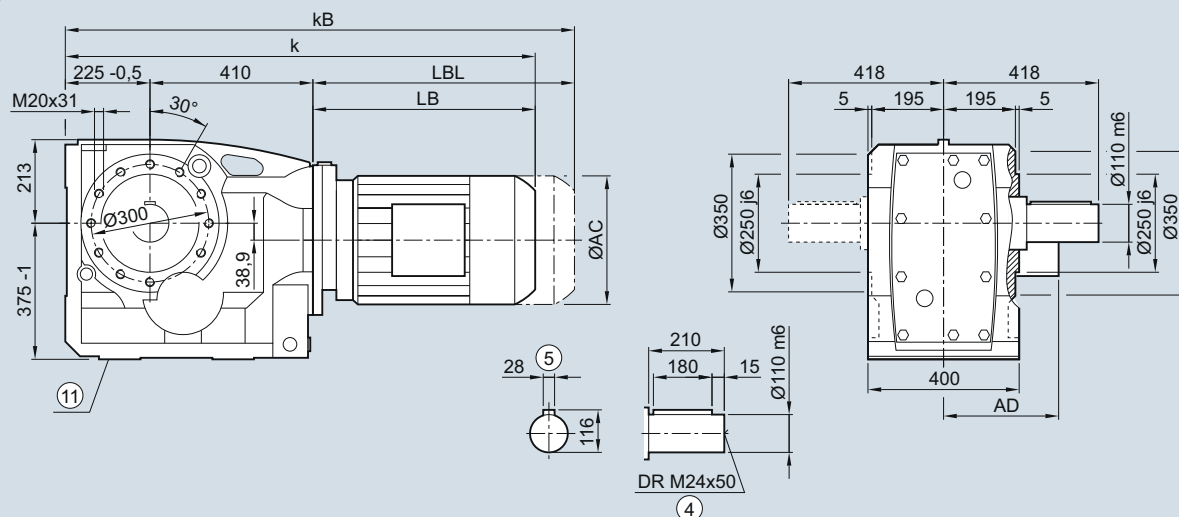
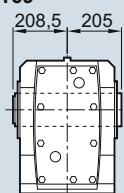
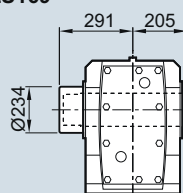
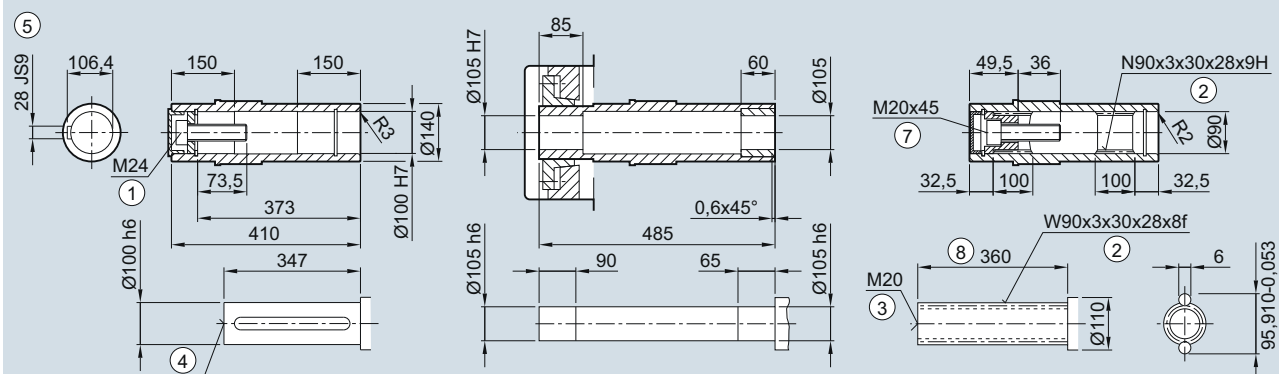
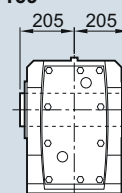
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑩ Use bores only for foot-mounted design

⑨ For inner contour see page 5/141

¹⁾ AD depends on the motor options, for other dimensions see page 8/42.

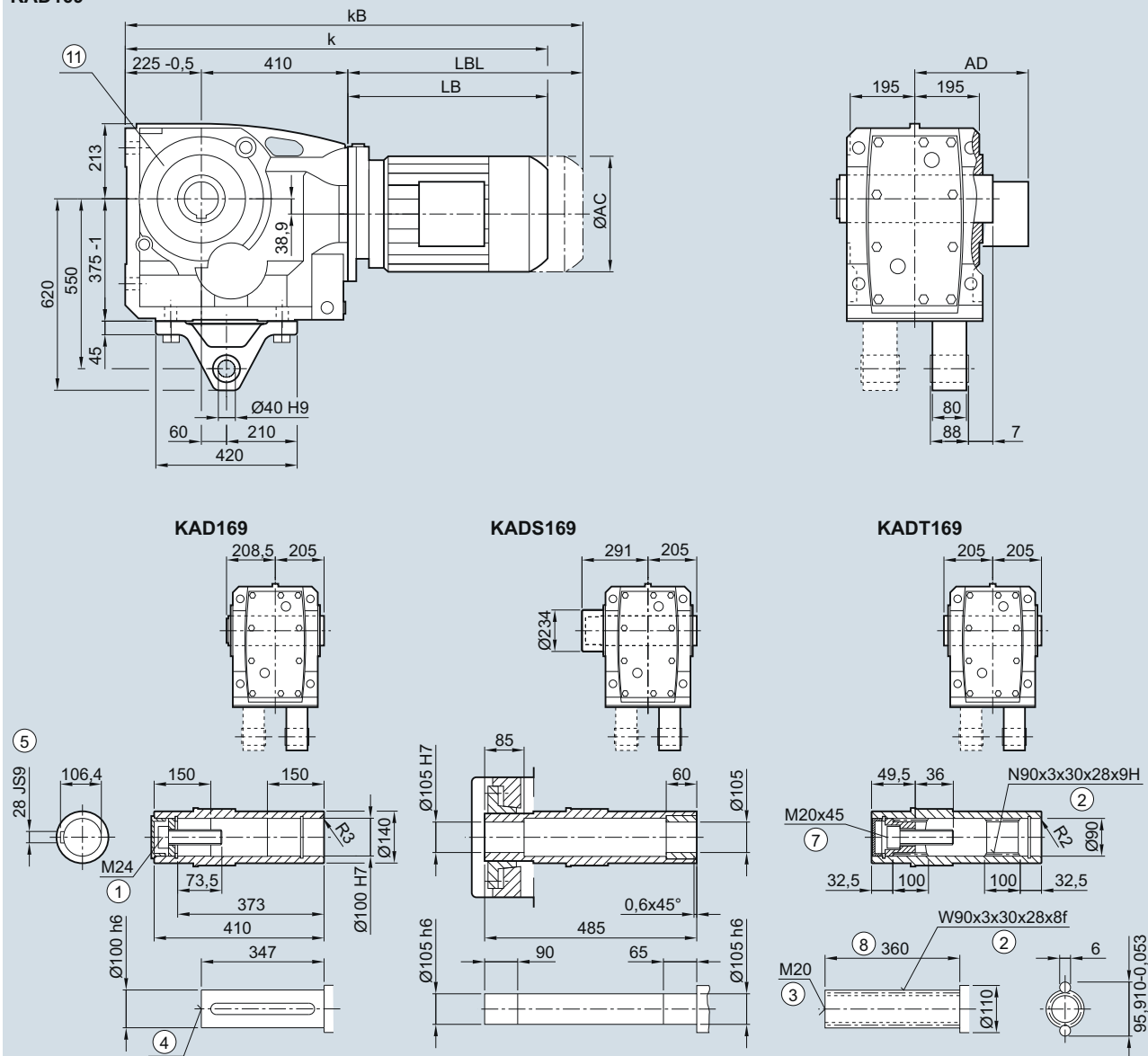
SIMOGEAR geared motors

Bevel geared motors

Dimensions**K.Z.169 gearbox in a housing flange design****KZ030, KAZ030, KAZS030, KAZT030****KZ169****KAZ169****KAZS169****KAZT169**

Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1026.0	1001.0	1026.0	1047.0	1097.0	1129.0	1189.0	1202.0	1232.0	1 270.0	1 295.0	1 315.5	1 375.5	1 427.0
kB	1069.5	1104.5	1074.0	1099.0	1151.5	1201.5	1245.0	1305.0	1331.0	1361.0	1 417.0	1 442.0	1 543.5	1 603.5	1 652.0
LB	356.0	391.0	366.0	391.0	412.0	462.0	494.0	554.0	567.0	597.0	635.0	660.0	680.5	740.5	792.0
LBL	434.5	469.5	439.0	464.0	516.5	566.5	610.0	670.0	696.0	726.0	782.0	807.0	908.5	968.5	1 017.0

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
 ⑨ Use bores only for foot-mounted design
 1) AD depends on the motor options, for other dimensions see page 8/42.

KAD.169 gearbox in a shaft-mounted design
KAD031, KADS031, KADT031
KAD169


Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1026.0	1001.0	1026.0	1047.0	1097.0	1129.0	1189.0	1202.0	1232.0	1 270.0	1 295.0	1 315.5	1 375.5	1 427.0
kB	1069.5	1104.5	1074.0	1099.0	1151.5	1201.5	1245.0	1305.0	1331.0	1361.0	1 417.0	1 442.0	1 543.5	1 603.5	1 652.0
LB	356.0	391.0	366.0	391.0	412.0	462.0	494.0	554.0	567.0	597.0	635.0	660.0	680.5	740.5	792.0
LBL	434.5	469.5	439.0	464.0	516.5	566.5	610.0	670.0	696.0	726.0	782.0	807.0	908.5	968.5	1 017.0

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

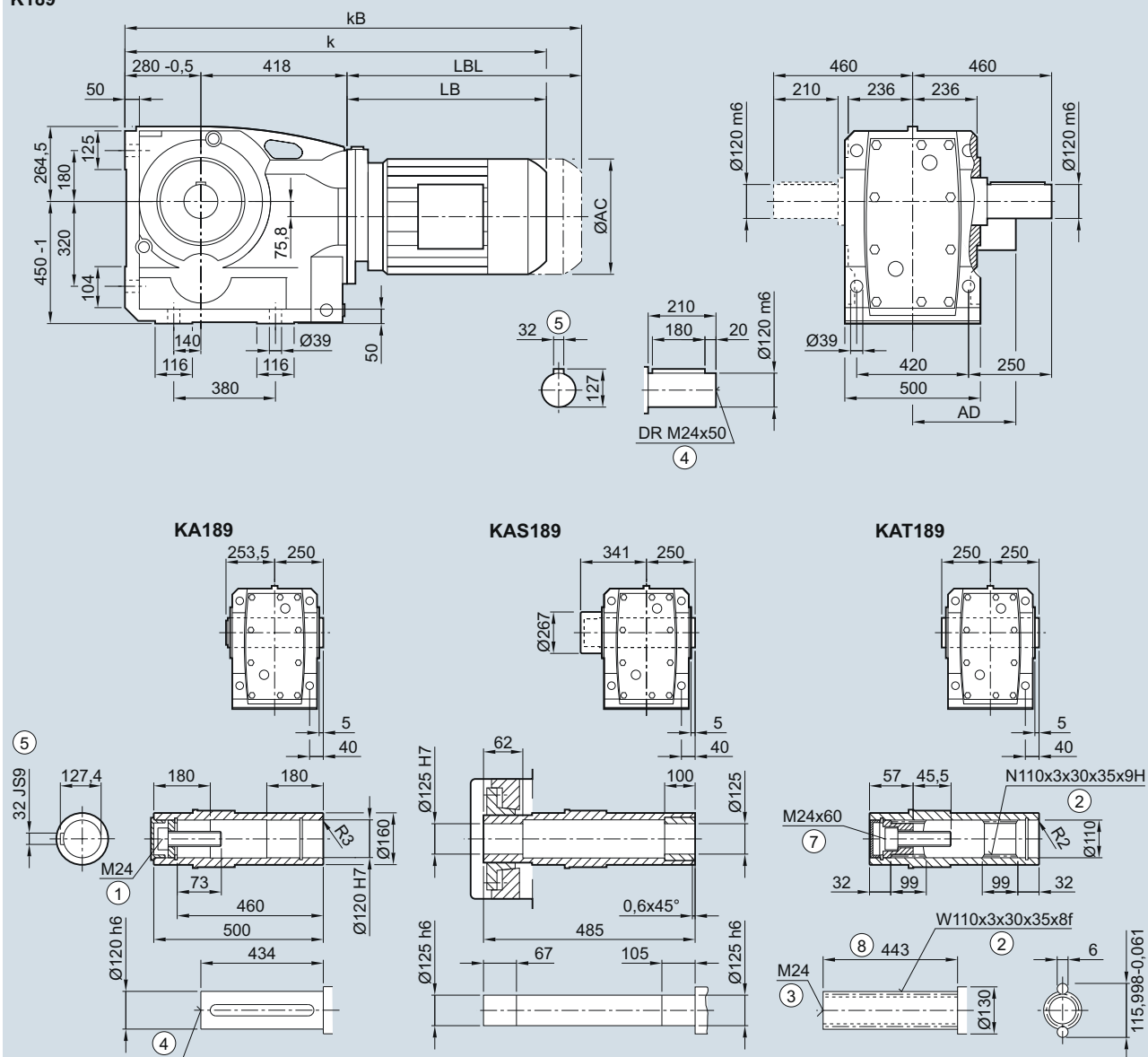
⑩ Use bores only for housing flange design

1) AD depends on the motor options, for other dimensions see page 8/42.

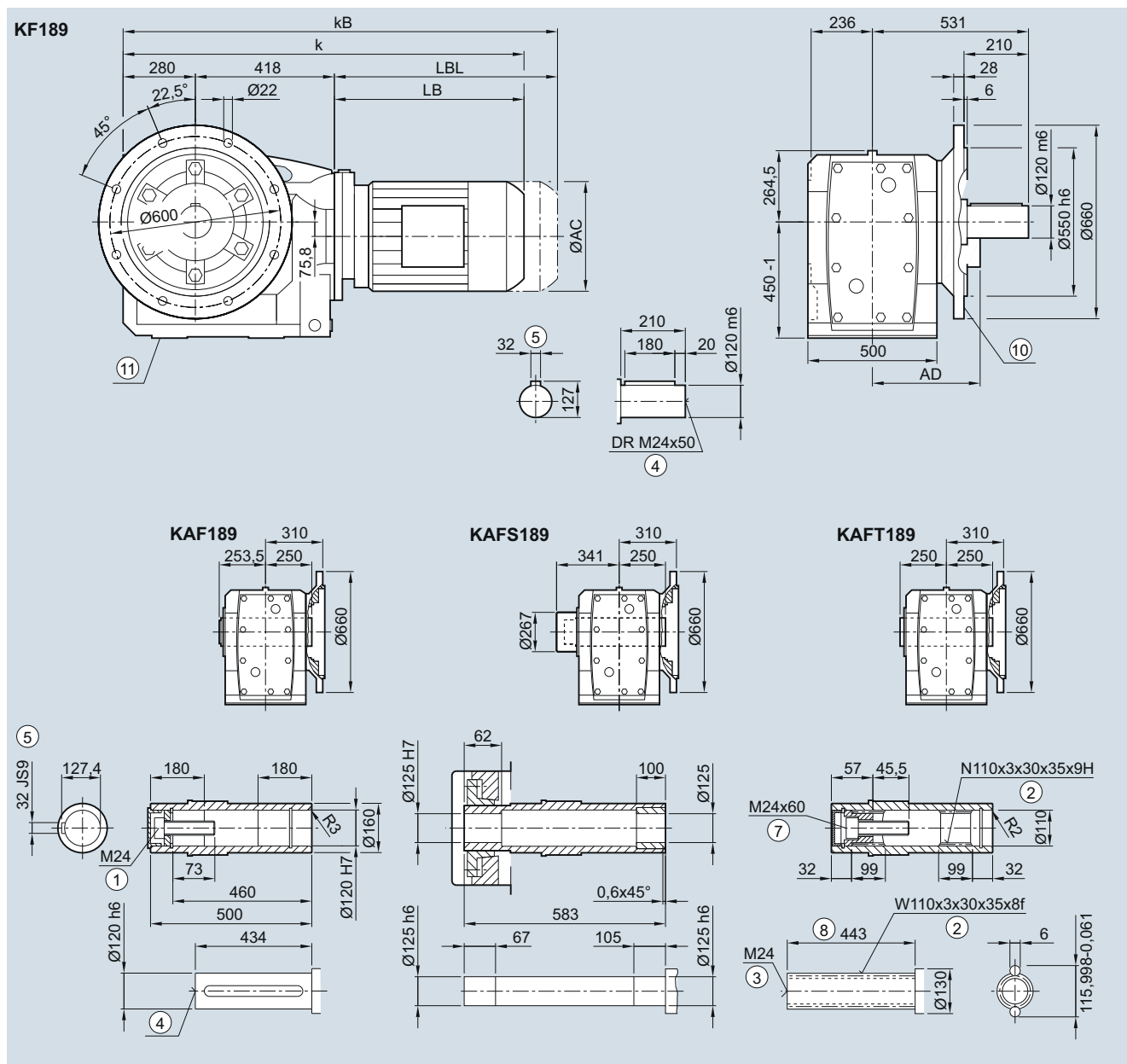
Bevel geared motors

K..189 gearbox in a foot-mounted design

K189



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

K.F.189 gearbox in a flange-mounted design
KF030, KAF030, KAFS030, KAFT030


Motor	LE 112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	1 051.5	1 076.5	1 097.0	1 147.0	1 179.0	1 239.0	1 251.5	1 281.5	1 319.5	1 344.5	1 364.0	1 424.0	1 471.5
k _B	1 124.5	1 149.5	1 201.5	1 251.5	1 295.0	1 355.0	1 380.5	1 410.5	1 466.5	1 491.5	1 592.0	1 652.0	1 696.5
LB	353.5	378.5	399.0	449.0	481.0	541.0	553.5	583.5	621.5	646.5	666.0	726.0	773.5
LBL	426.5	451.5	503.5	553.5	597.0	657.0	682.5	712.5	768.5	793.5	894.0	954.0	998.5

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

⑩ For inner contour see page 5/141

⑪ Use bores only for foot-mounted design

1) AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

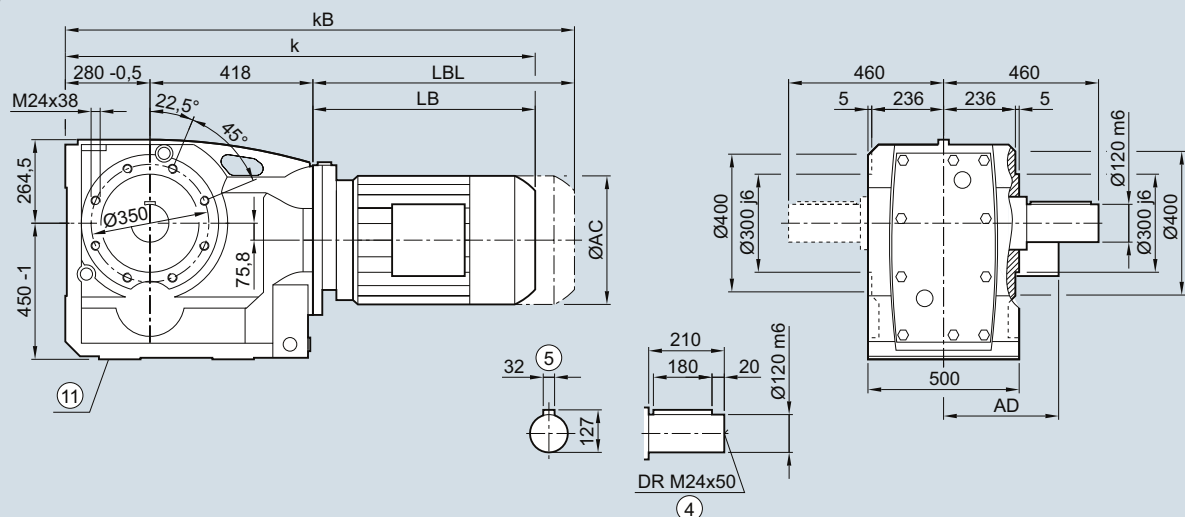
Bevel geared motors

Dimensions

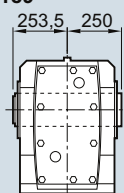
K.Z.189 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

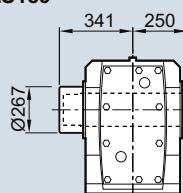
KZ189



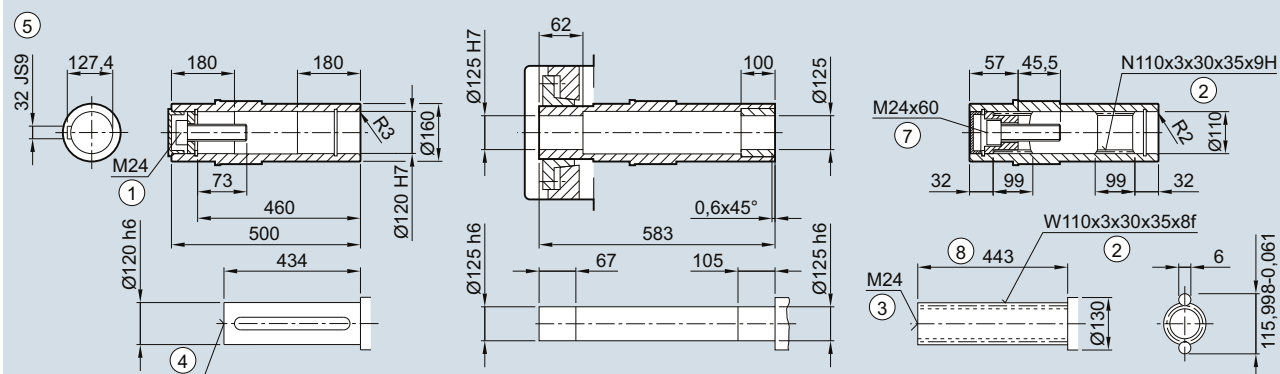
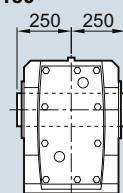
KAZ189



KAZS189

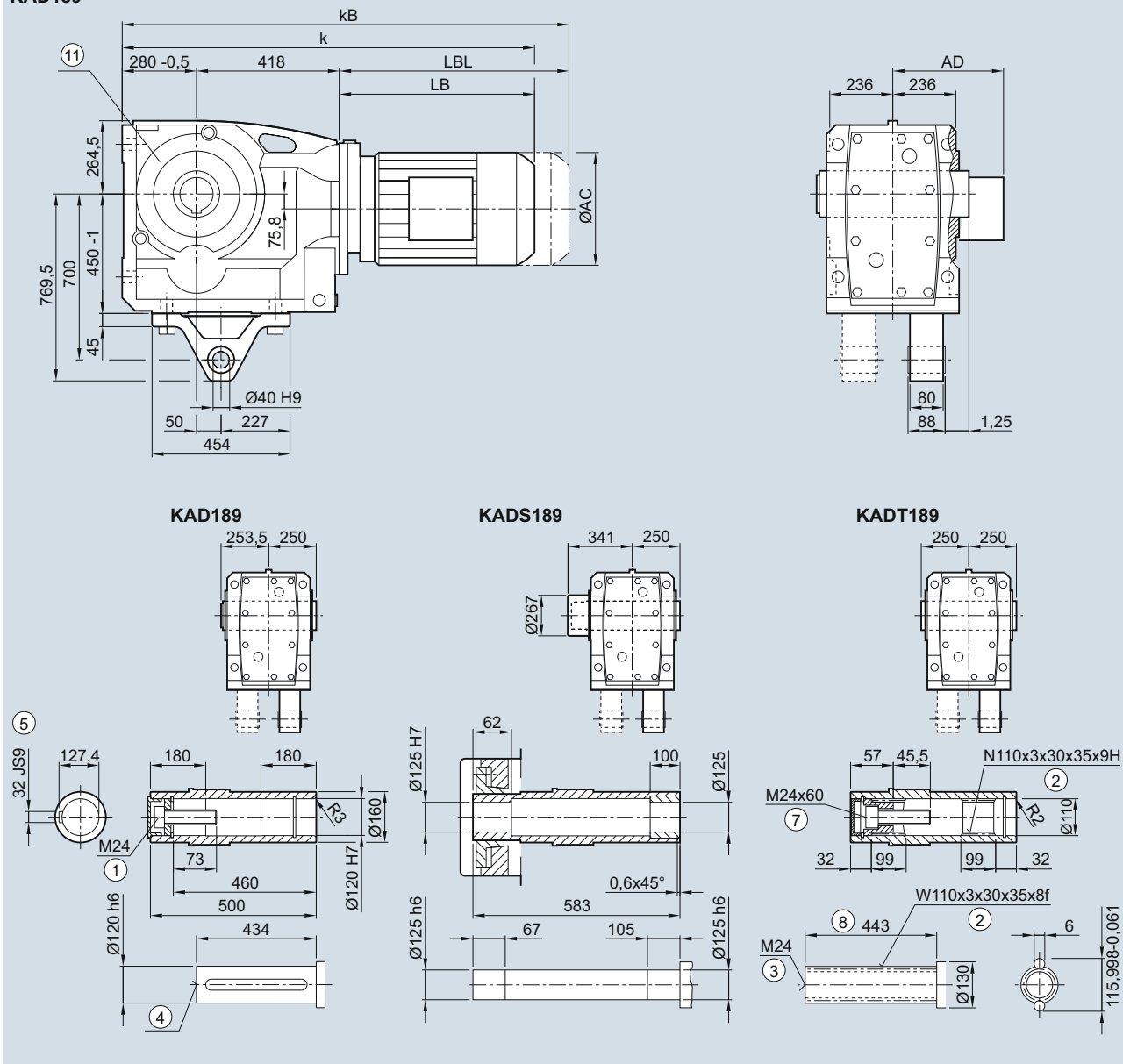


KAZT189



Motor	LE 112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	1 051.5	1 076.5	1 097.0	1 147.0	1 179.0	1 239.0	1 251.5	1 281.5	1 319.5	1 344.5	1 364.0	1 424.0	1 471.5
kB	1 124.5	1 149.5	1 201.5	1 251.5	1 295.0	1 355.0	1 380.5	1 410.5	1 466.5	1 491.5	1 592.0	1 652.0	1 696.5
LB	353.5	378.5	399.0	449.0	481.0	541.0	553.5	583.5	621.5	646.5	666.0	726.0	773.5
LBL	426.5	451.5	503.5	553.5	597.0	657.0	682.5	712.5	768.5	793.5	894.0	954.0	998.5

① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑥ ISO 4762 ⑦ Without locating shoulder +1 mm
 ⑧ Use bores only for foot-mounted design ⑨ AD depends on the motor options, for other dimensions see page 8/42.

KAD.189 gearbox in a shaft-mounted design
KAD031, KADS031, KADT031
KAD189


Motor	LE 112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	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⁾	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	1 051.5	1 076.5	1 097.0	1 147.0	1 179.0	1 239.0	1 251.5	1 281.5	1 319.5	1 344.5	1 364.0	1 424.0	1 471.5
kB	1 124.5	1 149.5	1 201.5	1 251.5	1 295.0	1 355.0	1 380.5	1 410.5	1 466.5	1 491.5	1 592.0	1 652.0	1 696.5
LB	353.5	378.5	399.0	449.0	481.0	541.0	553.5	583.5	621.5	646.5	666.0	726.0	773.5
LBL	426.5	451.5	503.5	553.5	597.0	657.0	682.5	712.5	768.5	793.5	894.0	954.0	998.5

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

⑩ Use bores only for housing flange design

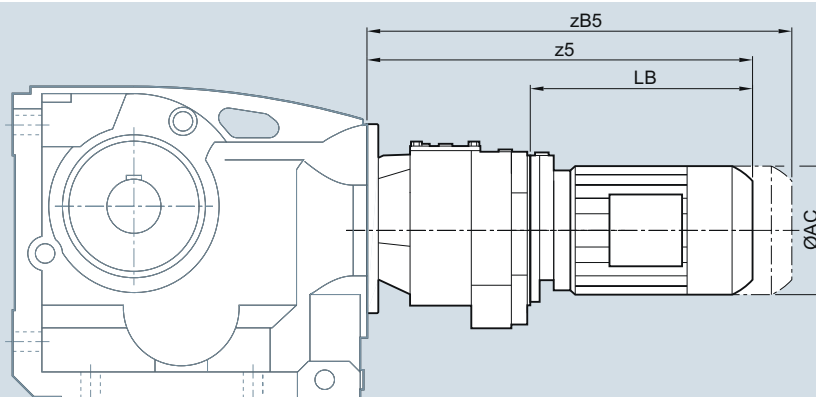
1) AD depends on the motor options, for other dimensions see page 8/42.

SIMOGEAR geared motors

Bevel geared motors

Dimensions

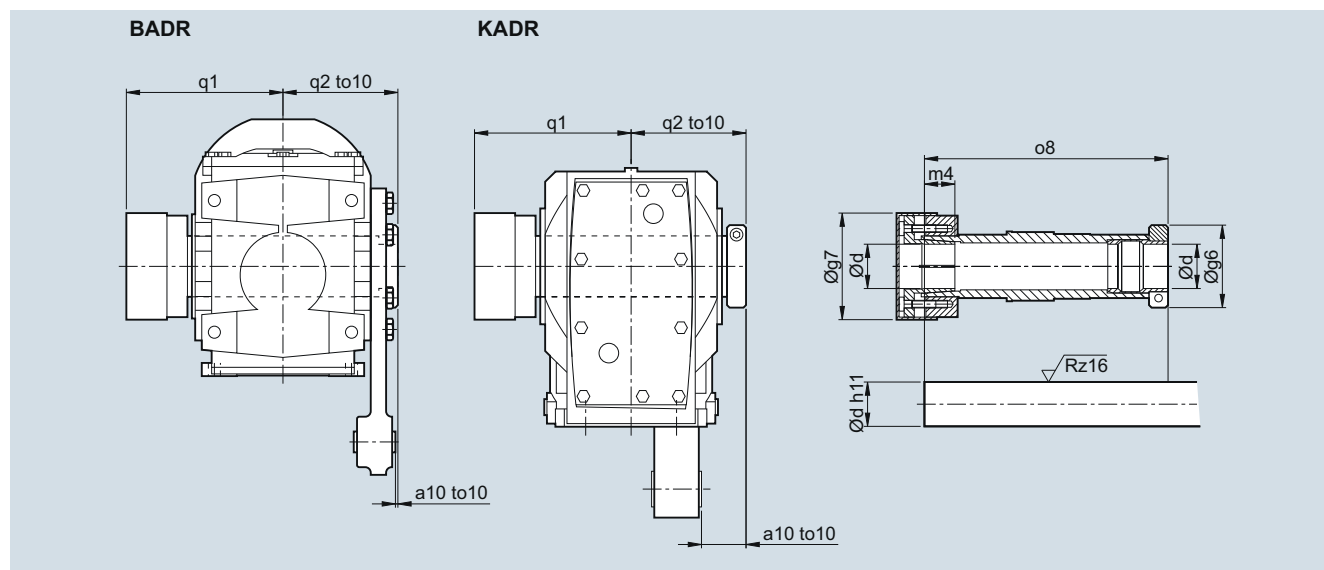
Bevel tandem geared motors



Gearbox	Motor	AC	z5	zB5	LB
K.39-D/Z19	LA63	117.8	331.0	375.5	160.5
	LA71	138.8	363.0	418.0	184.5
	LA71Z	138.8	382.0	437.0	203.5
K.49-D/Z19	LA63	117.8	322.0	366.5	160.5
	LA71	138.8	354.0	409.0	184.5
	LA71Z	138.8	373.0	428.0	203.5
	LE80	156.3	410.0	470.0	240.0
K.69-D/Z19	LE80Z	156.3	445.0	505.0	275.0
	LA63	117.8	322.0	366.5	160.5
	LA71	138.8	354.0	409.0	184.5
K.79-D/Z19	LA71Z	138.8	373.0	428.0	203.5
	LE80	156.3	410.0	470.0	240.0
	LE80Z	156.3	445.0	505.0	275.0
	LA63	117.8	322.0	366.5	160.5
K.89-D/Z39	LA71	138.8	354.0	409.0	184.5
	LA71Z	138.8	373.0	428.0	203.5
	LE80	156.3	410.0	470.0	240.0
	LE80Z	156.3	445.0	505.0	275.0
K.109-D/Z39	LA63	117.8	373.5	418.0	194.0
	LA71	138.8	405.5	460.5	226.0
	LA71Z	138.8	424.5	479.5	245.0
	LE80	156.3	469.5	529.5	290.0
	LE80Z	156.3	504.5	564.5	325.0
	LE90	173.8	531.0	601.0	351.5
	LE90Z	173.8	571.0	641.0	391.5
	LE100	198.0	587.5	666.0	408.0
K.129-D/Z39	LE100Z	198.0	622.5	701.0	443.0
	LA63	117.8	356.5	401.0	194.0
	LA71	138.8	388.5	443.5	226.0
	LA71Z	138.8	407.5	462.5	245.0
	LE80	156.3	452.5	512.5	290.0
	LE80Z	156.3	487.5	547.5	325.0
	LE90	173.8	514.0	584.0	351.5
	LE90Z	173.8	554.0	624.0	391.5
K.129-D/Z39	LE100	198.0	570.5	649.0	408.0
	LE100Z	198.0	605.5	684.0	443.0
	LE112	222.0	580.5	653.5	418.0
	LE112Z	222.0	605.5	678.5	443.0
	LA63	117.8	347.5	392.0	194.0
	LA71	138.8	379.5	434.5	226.0
	LA71Z	138.8	398.5	453.5	245.0
	LE80	156.3	443.5	503.5	290.0
K.129-D/Z39	LE80Z	156.3	478.5	538.5	325.0
	LE90	173.8	505.0	575.0	351.5

Gearbox	Motor	AC	z5	zB5	LB
K.129-D/Z39	LE90Z	173.8	545.0	615.0	391.5
	LE100	198.0	561.5	640.0	408.0
	LE100Z	198.0	596.5	675.0	443.0
	LE112	222.0	571.5	644.5	418.0
	LE112Z	222.0	596.5	669.5	443.0
K.149-D/Z49	LA63	117.8	376.5	421.0	184.5
	LA71	138.8	408.5	463.5	216.5
	LA71Z	138.8	427.5	482.5	235.5
	LE80	156.3	472.5	532.5	280.5
	LE80Z	156.3	507.5	567.5	315.5
	LE90	173.8	534.0	604.0	342.0
	LE90Z	173.8	574.0	644.0	382.0
	LE100	198.0	590.5	669.0	398.5
	LE100Z	198.0	625.5	704.0	433.5
	LE112	222.0	600.5	673.5	408.5
K.169-D/Z49	LE112Z	222.0	635.0	708.0	443.0
	LE132	264.0	653.5	758.0	461.5
	LE132Z	264.0	703.5	808.0	511.5
	LA63	117.8	366.0	410.5	184.5
	LA71	138.8	398.0	453.0	216.5
	LA71Z	138.8	417.5	472.5	235.5
	LE80	156.3	462.0	522.0	280.5
	LE80Z	156.3	497.0	557.0	315.5
	LE90	173.8	523.5	593.5	342.0
	LE90Z	173.8	563.5	633.5	382.0
K.189-D/Z69	LE100	198.0	580.0	658.5	398.5
	LE100Z	198.0	615.0	693.5	433.5
	LE112	222.0	590.0	663.0	408.5
	LE112Z	222.0	624.5	697.5	443.0
	LE132	264.0	643.0	747.5	461.5
	LE132Z	264.0	693.0	797.5	511.5
	LA63	117.8	391.5	436.0	184.5
	LA71	138.8	423.5	478.5	216.5
	LA71Z	138.8	442.5	497.5	235.5
	LE80	156.3	487.5	547.5	280.5
K.189-D/Z69	LE80Z	156.3	522.5	582.5	315.5
	LE90	173.8	549	619.0	342.0
	LE90Z	173.8	589	659.0	382.0
	LE100	198.0	605.5	684.0	398.5
	LE100Z	198.0	640.5	719.0	433.5
	LE112	222.0	615.5	688.5	408.5
	LE112Z	222.0	650	723.0	443.0
	LE132	264.0	668.5	773.0	461.5
	LE132Z	264.0	718.5	823.0	511.5

SIMOLOC assembly system



Note mounting tolerance to10 when positioning the torque arm.

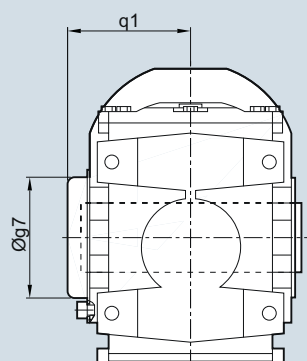
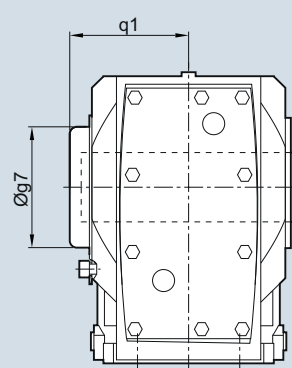
d	g6	g7	m4	o8	q1	q2	a10	to10
BADR29								
20	58.5	56	18.5	151	102	75	11	+2.1
1"								+0.6
0.75"								
BADR39								
30	62.0	76	22	180.5	116	85	2.5	+2.2
25								+0.7
1.25"								
1.1875"								
1"								
BADR49								
35	65.0	84	24	210.0	134	100	-2.5	+2.6
30								+0.8
1.375"								
1.4375"								
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	41	+2.6
30								+0.8
1.375"								
1.4375"								
1.25"								
1.1875"								

SIMOGEAR geared motors

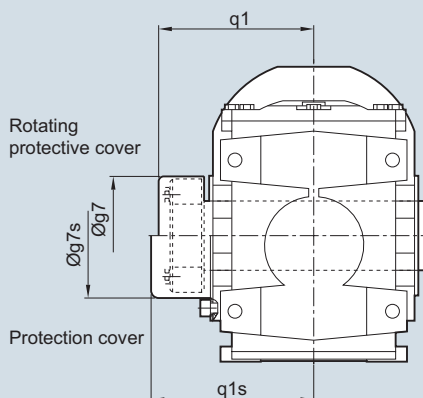
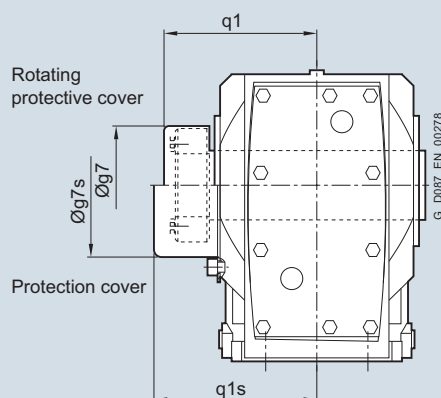
Bevel geared motors

Dimensions**SIMOLOC assembly system** (continued)

d	g6	g7	m4	o8	q1	q2	a10	to10
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"								

Protection covers
Protection cover for hollow shaft
BA, BAF, BAZ, BAD

KA¹⁾, KAF, KAZ, KAD


Gearbox type	BA.19	BA.29	BA.39	BA.49	KA.39	KA.49	KA.69	KA.79	KA.89	KA.109	KA.129	KA.149	KA.169	KA.189
Protection cover														
g7	82.0	67.0	80.0	80.0	82.5	80.0	99.0	99.0	137.0	187.0	187.0	218.0	257.5	309.5
q1	57.5	76.0	96.0	111.0	73.0	105.0	95.0	101.5	124.5	168.0	198.0	250.0	313.0	373.5

Protection cover for hollow shaft with shrink disk
BAS, BAFS, BAZS, BADS

KAFS, KAZS, KADS


Gearbox type	BA..29	BA..39	BA..49	KA..39	KA..49	KA..69	KA..79	KA..89	KA..109	KA..129	KA..149	KA..169	KA..189
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	234.0	267.0
q1	85	102	117	89.5	107	115	125.5	142.5	162.5	198.5	233.5	291.0	343.5
Protection cover													
g7s	58	86	86	82.5	86	99	99.0	137.0	187.0	187.0	218.0	257.5	309.5
q1s	91	119	134	109.0	122	126	132.5	176.5	195.0	225.0	250.0	313.0	373.5

¹⁾ KA/KAS version valid only for gearbox sizes 169 and 189

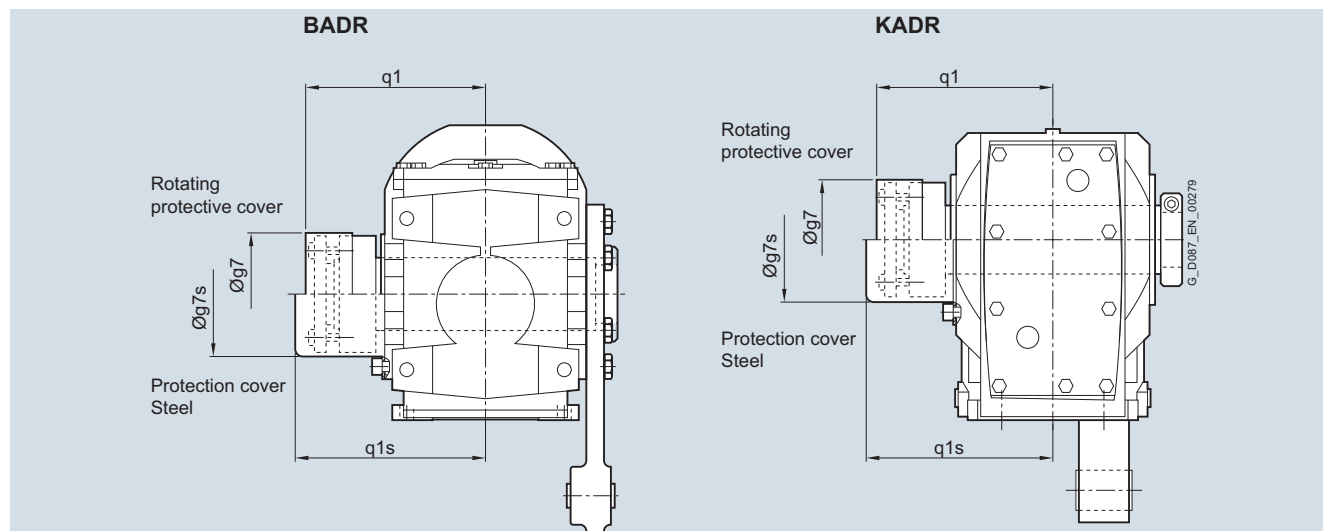
SIMOGEAR geared motors

Bevel geared motors

Dimensions

Protection covers

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	86.0	86 (99)	82.5	86	99	99	137
q1s	102	119.0	138 (143)	109	126	145	151.5	176.5

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

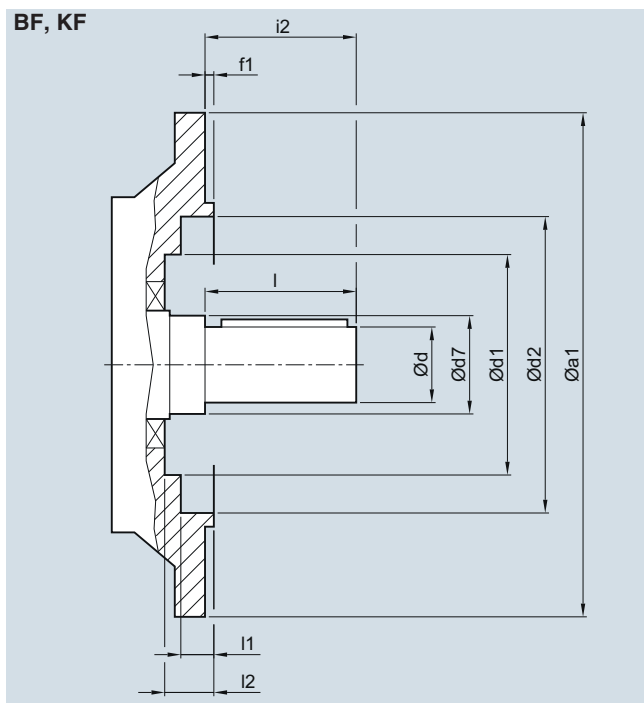
SIMOGEAR geared motors

Bevel geared motors

Dimensions

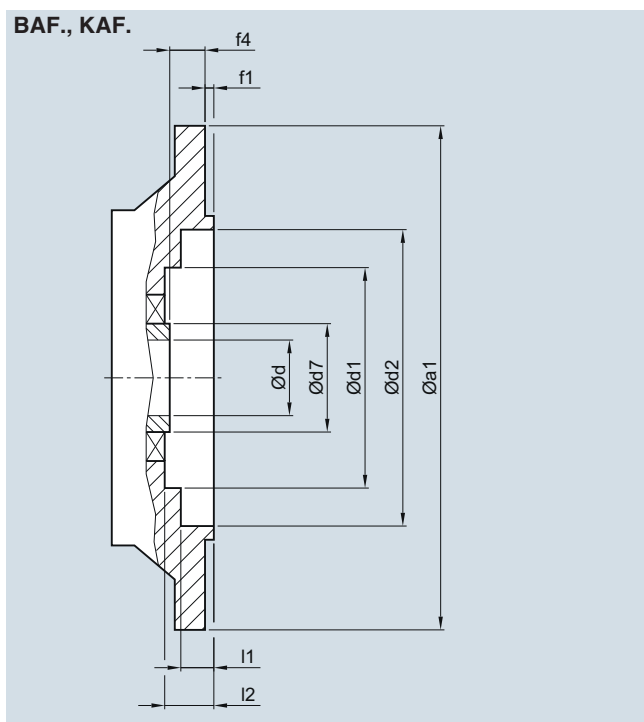
Inner contour of the flange design

Notes regarding the design of the customer's interface for the solid shaft design



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	-
KF169	550	110	120	-	427	5.0	210	210	10.0	-
KF189	660	120	160	-	517	6.0	210	210	11.0	-
With VLplus reinforced bearing system (G30)										
KF89	300	60	70	143	218	4.0	120	120	1.5	8
KF109	350	70	85	190	234	5.0	140	140	2.0	4
KF129	450	90	95	-	336	5.0	170	170	16.5	-
KF149	450	100	120	225	336	5.0	210	210	10.5	11
KF169	550	120	140	-	426	5.0	210	210	19.5	-

Notes regarding the design of the customer's interface for the hollow shaft design



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/ 25	40	-	70	3.0	20.0	24.0	-
	160	20 25	40	70	101	3.5	20.0	8.5	24.5
BAF.39	160	30 35 40	55	93	100	3.5	27.0	11.0	31.5
BAF.39	200	30 35 40	55	93	119	3.5	27.0	16.0	31.5
BAF.49	200	35 40	55	93	119	3.5	27.0	16.0	31.5
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
KAF.169	550	100	140	254	426	5.0	56.0	14.5	56.0
KAF.189	660	120	160	306	518	6.0	66.0	6.0	62.0
With VLplus reinforced bearing system (G30)									
KAF.89	300	50	70	143	218	4.0	0	1.5	8
KAF.109	350	60	85	190	234	5.0	0	2.0	4
KAF.129	450	70	95	-	336	5.0	0	16.5	-
KAF.149	450	90	120	225	330	5.0	0	10.5	11
KAF.169	550	100	140	-	426	5.0	0	14.5	-

SIMOGEAR geared motors

Notes