Orientation

SIMOGEAR bevel geared motor B

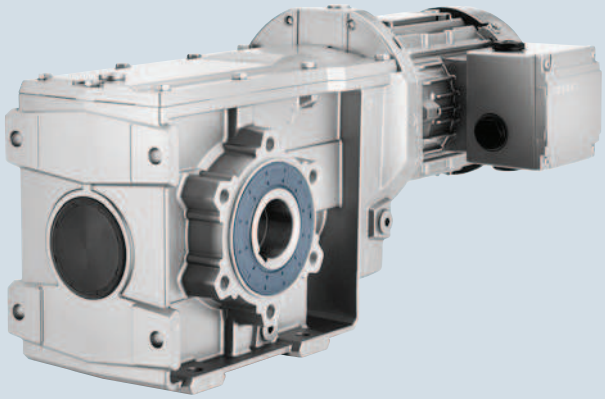

Fig. 5/1 Bevel geared motor B

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

SIMOGEAR bevel geared motor K

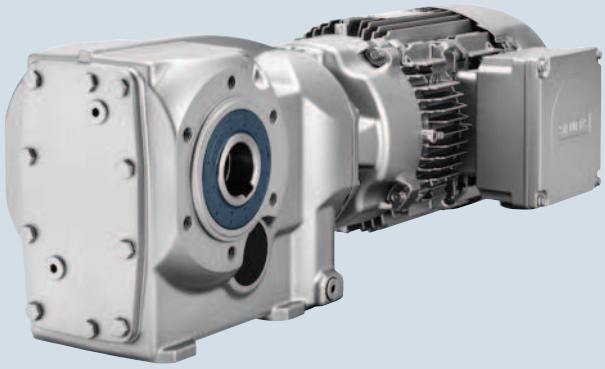

Fig. 5/2 Bevel geared motor K

Gearbox designation	Number of frame sizes	Maximum output torque	Transmission ratio	Maximum motor power
		T_{2N}	i	P_1
		Nm	-	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.

Selection and ordering data

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement ➞ below)	Order code No. of poles
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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
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Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
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Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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		
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Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement ➞ below)	Order code No. of poles
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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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. supplement		
Shaft design	**1, 5, 6, 7 or 9**	➞ page 10/44
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Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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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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**	

Article No. supplement		
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Frequency and voltage	**2 or 9**	➞ page 11/2
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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

Article No. supplement		
Shaft design	**1, 5, 6, 7 or 9**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

Article No. supplement		
Shaft design	**1, 5, 6, 7 or 9**	➞ page 10/44
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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement ➞ below)	Order code No. of poles
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**	

Article No. supplement		
Shaft design	**1, 5, 6, 7 or 9**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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	**1, 5, 6, 7 or 9**	➞ page 10/44
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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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		
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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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		
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Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement ➞ below)	Order code No. of poles
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**	

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Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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		
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Frequency and voltage	**2 or 9**	➞ page 11/2
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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	

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Shaft design	**1, 5, 6, 7 or 9**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated}	n_2	T_2	i	F_{R2}	f_B	m	Article No.	Order code
kW	rpm	Nm	-	N	-	kg	(Article No. supplement ➞ below)	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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

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Selection and ordering data (continued)

P_{rated} kW	n_2 rpm	T_2 Nm	i -	F_{R2} N	f_B -	m kg	Article No. (Article No. supplement ➞ below)	Order code No. of poles
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**	➞ page 10/44
Frequency and voltage	**2 or 9**	➞ page 11/2
Gearbox mounting type	**A, D, F or H**	➞ page 10/37

Selection and ordering data

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size												Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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

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} kgm²	-	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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size												Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size												Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size												Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size												Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

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} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

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} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

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Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ[1]	J_G	R_{ex}	Motor frame size											Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	63	71	80	90	100	112	132	160	180	200	225	250	
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

Selection and ordering data

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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**

[1] Only in conjunction with reduced-backlash version

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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

[1] Only in conjunction with reduced-backlash version

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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**

[1] Only in conjunction with reduced-backlash version

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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 - ■■■■■ - ■■ E1**
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

Transmission ratios and torques for very low speeds

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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

Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	'	10^{-4} kgm²	-	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 - ■■■■■ - ■■ E1**
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

Transmission ratios and torques for very low speeds

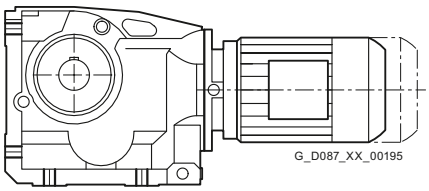
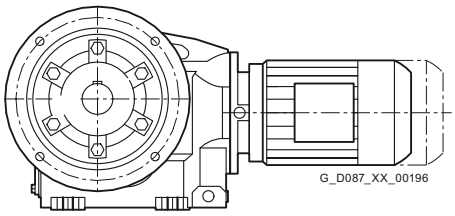
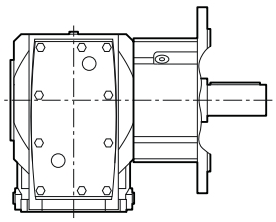
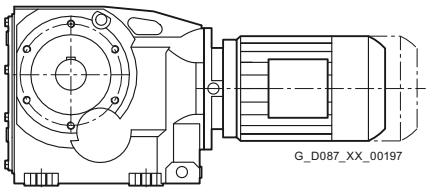
Selection and ordering data (continued)

i	n_2	T_{2N}	F_{R2}	φ [1]	J_G	R_{ex}	Motor frame size								Article No.
-	rpm	Nm	N	‘	10^{-4} kgm²	-	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 - ■■■■■ - ■■ D1**
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**

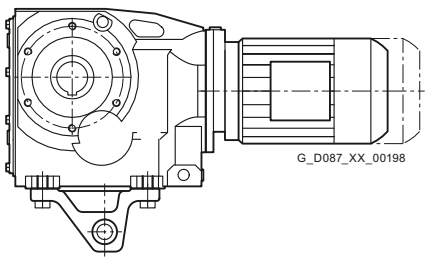
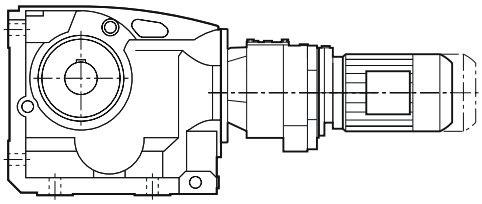
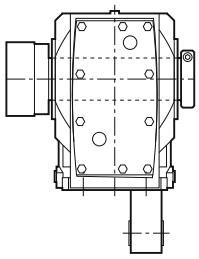
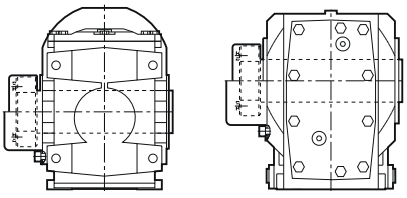
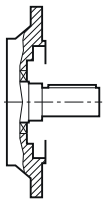
[1] Only in conjunction with reduced-backlash version

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		
Foot-mounted design		
 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
Flange-mounted design		
 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
Flange-mounted design with VLplus reinforced bearing system		
	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
Housing flange design		
 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

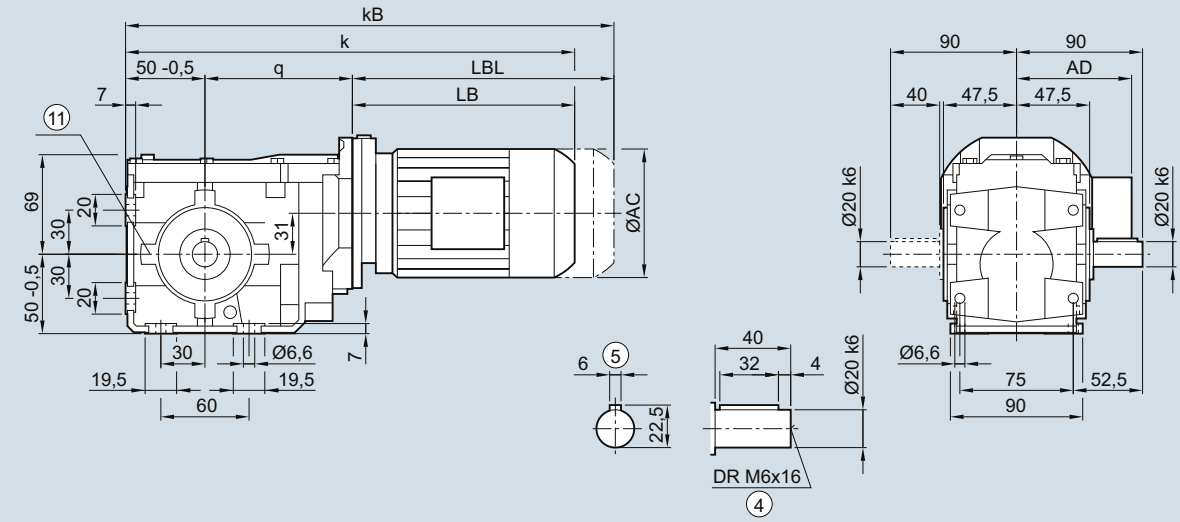
Dimensional drawing overview (continued)

Design	Size	Dimensional drawing on page
Bevel geared motors B and K		
Shaft-mounted design		
	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 KADR39 ... BADR89	5/137 ... 5/138
Protection covers		
	BA.19 ... KA.189	5/139 ... 5/140
Inner contour of the flange design		
	BF19 ... KF189 BAF19 ... KAF189	5/141

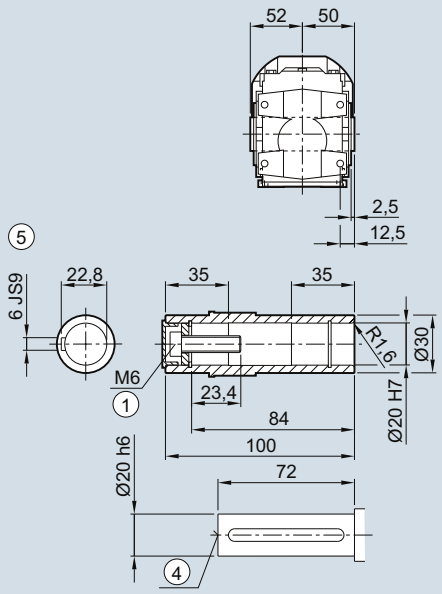
B..19 gearbox in a foot-mounted design

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
⑪ Use bores only for housing flange design

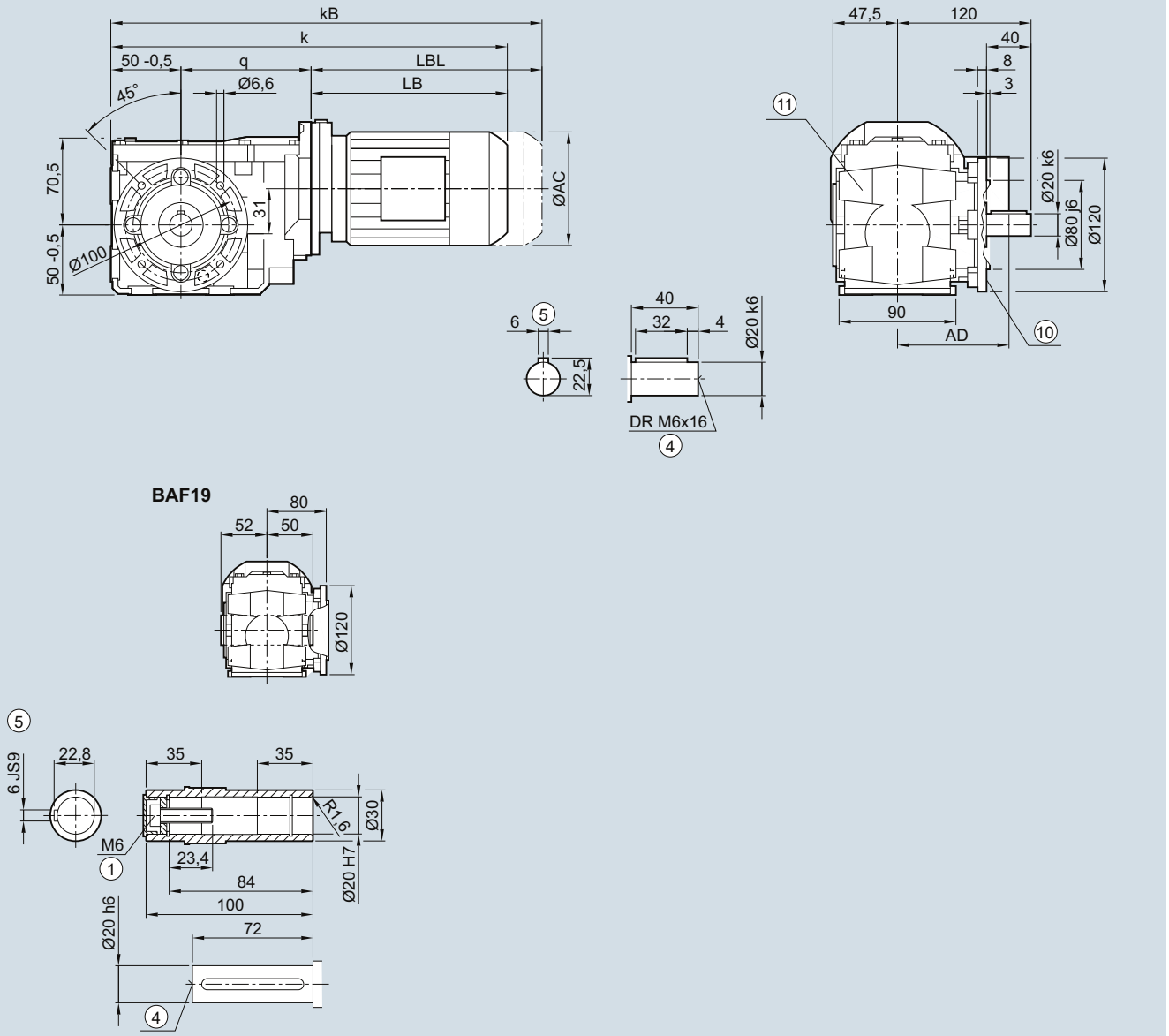
1) AD depends on the motor options, for other dimensions see page 8/42.

5

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

BF030, BAF030

BF19



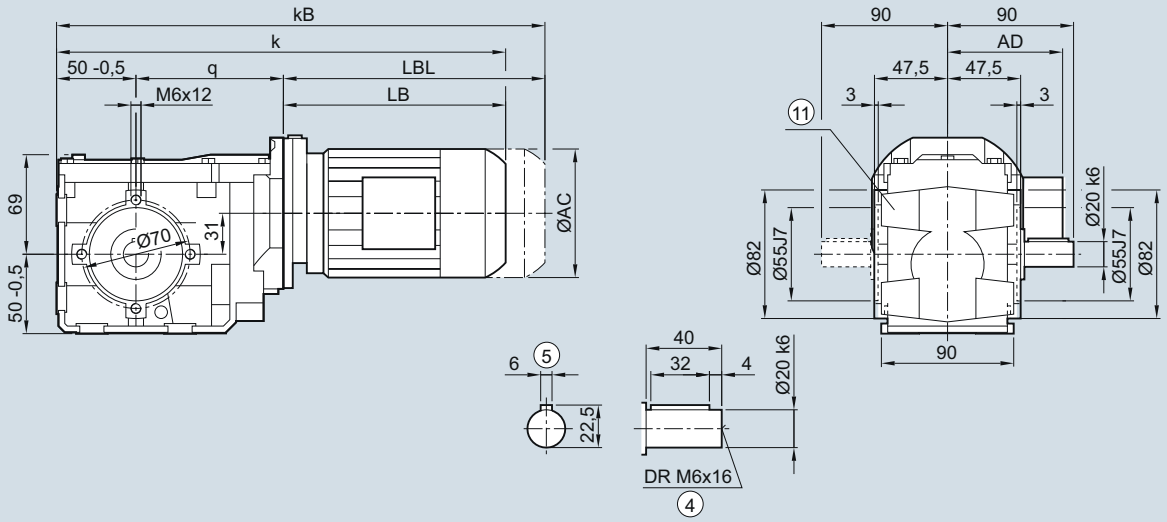
Motor	LA			LE	
	63	71	71Z	80	80Z
q	133.0	141.0	141.0	149.5	149.5
AC	117.8	138.8	138.8	156.3	156.3
AD[1)]	124.0	134.0	134.0	149.2	149.2
k	343.5	375.5	394.5	439.5	474.5
kB	388.0	430.5	449.5	499.5	534.5
LB	160.5	184.5	203.5	240.0	275.0
LBL	205.0	239.5	258.5	300.0	335.0

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

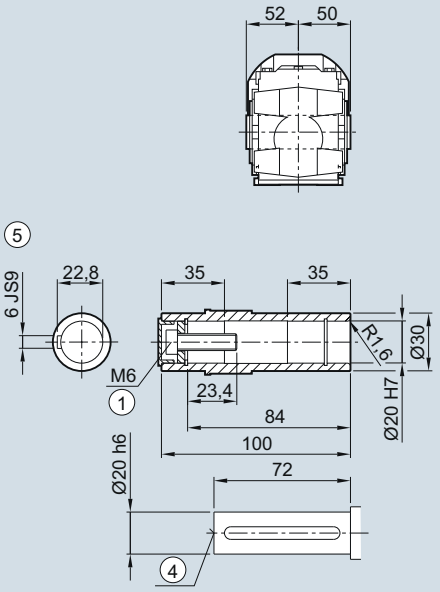
B.Z.19 gearbox in a housing flange design

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
⑪ Use bores only for foot-mounted design

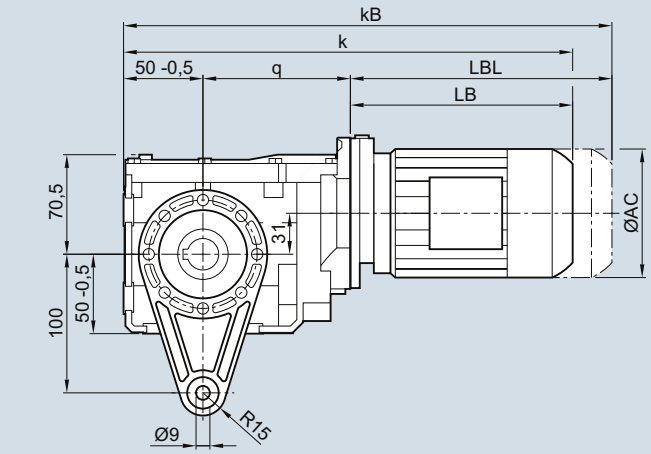
1) AD depends on the motor options, for other dimensions see page 8/42.

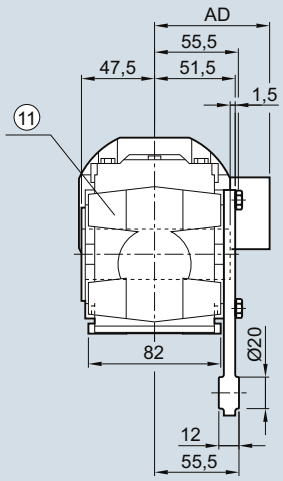
Dimensions

BAD.19 gearbox in a shaft-mounted design

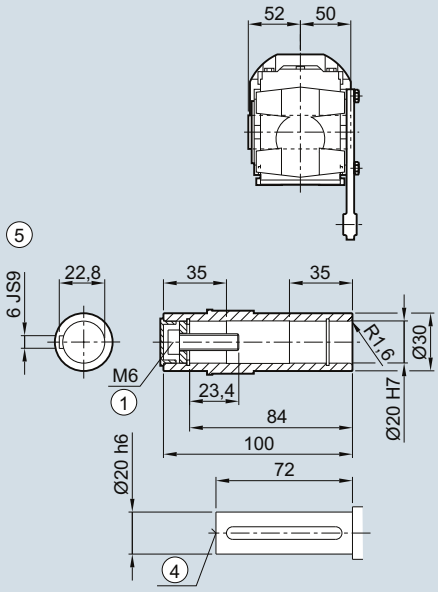
BAD030

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

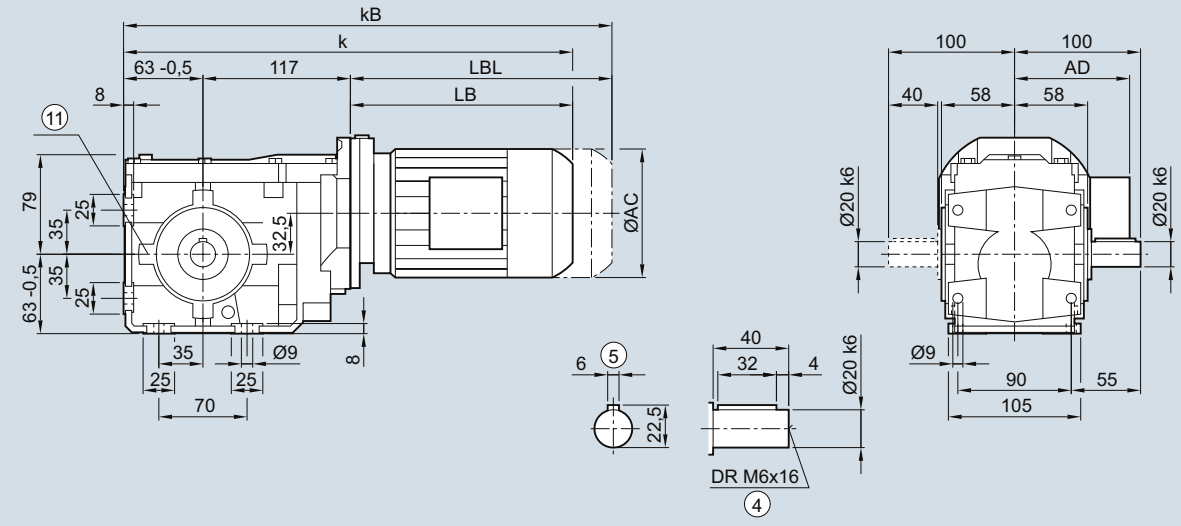
① ISO 4014
④ DIN 332
⑤ Feather key/keyway DIN 6885-1
⑪ Use bores only for foot-mounted design

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

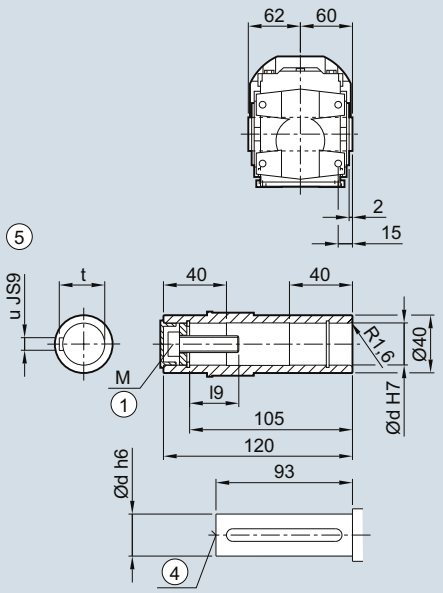
B..29 gearbox in a foot-mounted design

B030, BA030, BAS030

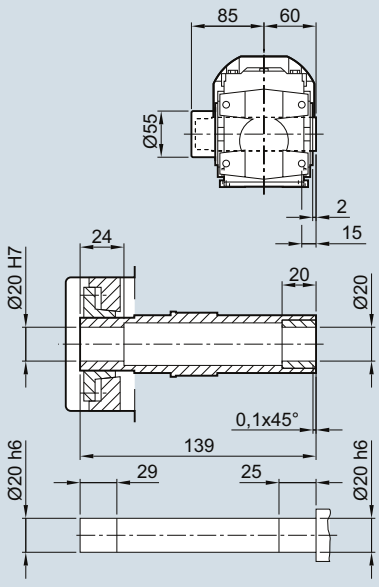
B29



BA29



BAS29



Shaft	d	l9	M	t	u
	20	23.4	M6	22.8	6
	25	27.6	M10	28.3	8

Motor	LA			LE					
	63	71	71Z	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
⑪ Use bores only for housing flange design

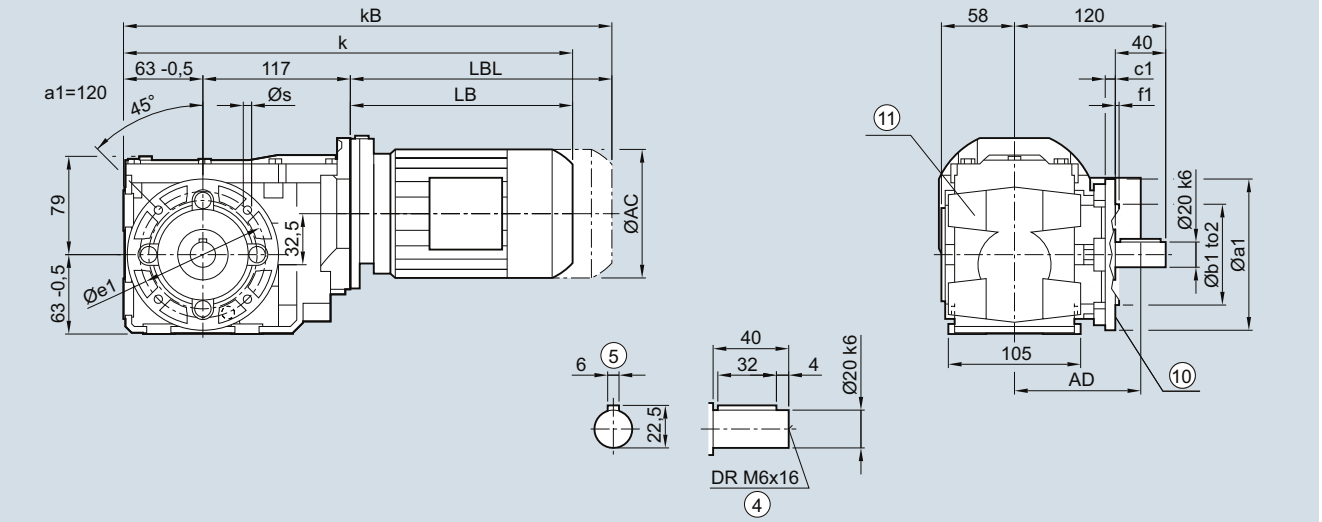
1) AD depends on the motor options, for other dimensions see page 8/42.

5

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

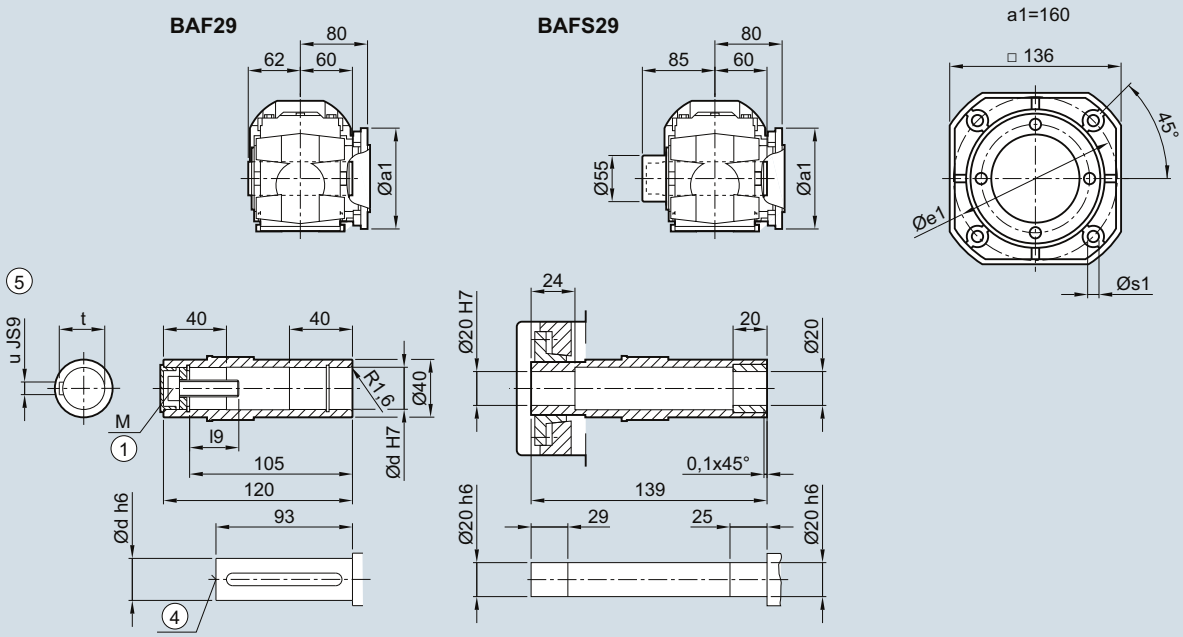
BF030, BAF030, BAFS030

B29



BAF29

BAFS29



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	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

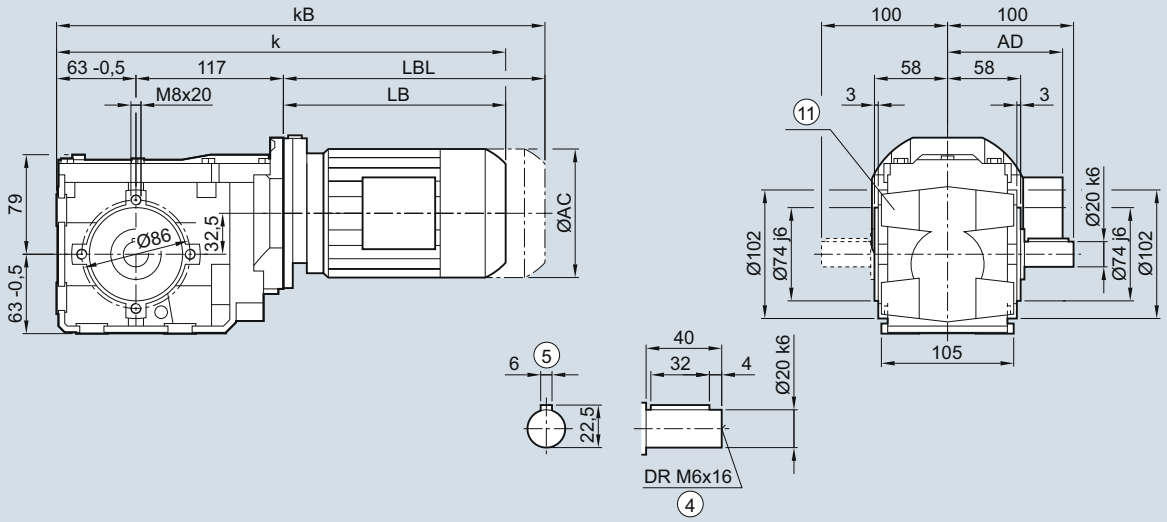
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑩ For inner contour see page 5/141

1) AD depends on the motor options, for other dimensions see page 8/42. ⑪ Use bores only for foot-mounted design

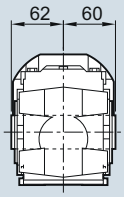
B.Z.29 gearbox in a housing flange design

BZ030, BAZ030, BAZS030

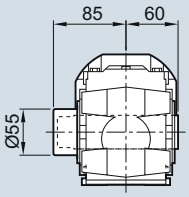
BZ29

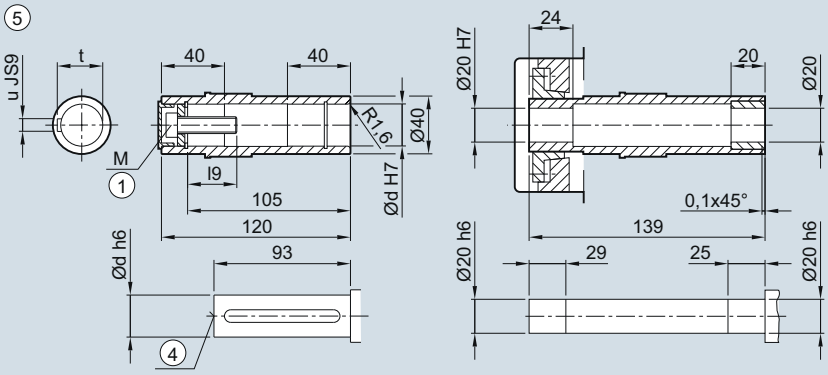


BAZ29



BAZS29





Shaft	d	l9	M	t	u
	20	23.4	M6	22.8	6
	25	27.6	M10	28.3	8

Motor	LA			LE					
	63	71	71Z	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
⑪ Use bores only for foot-mounted design

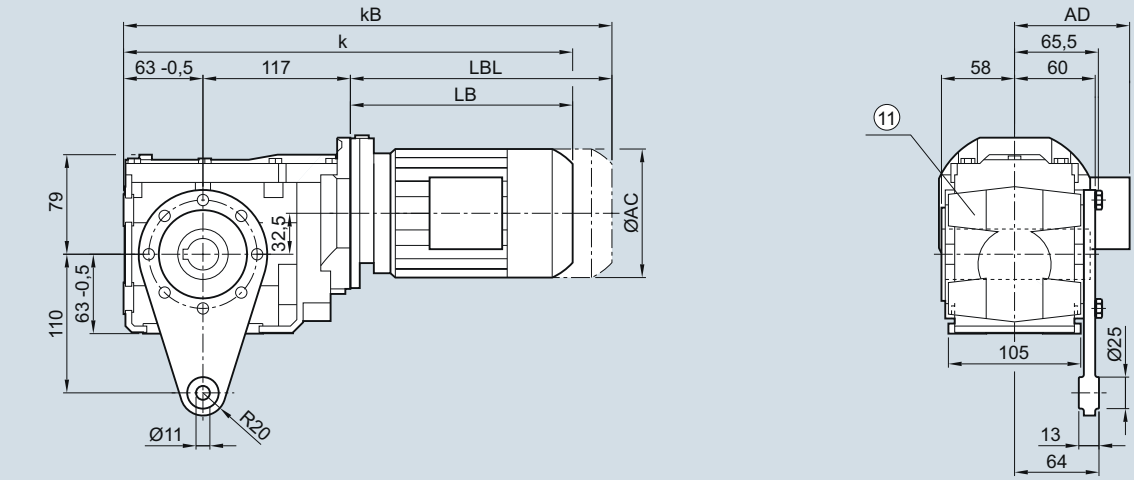
1) AD depends on the motor options, for other dimensions see page 8/42.

5

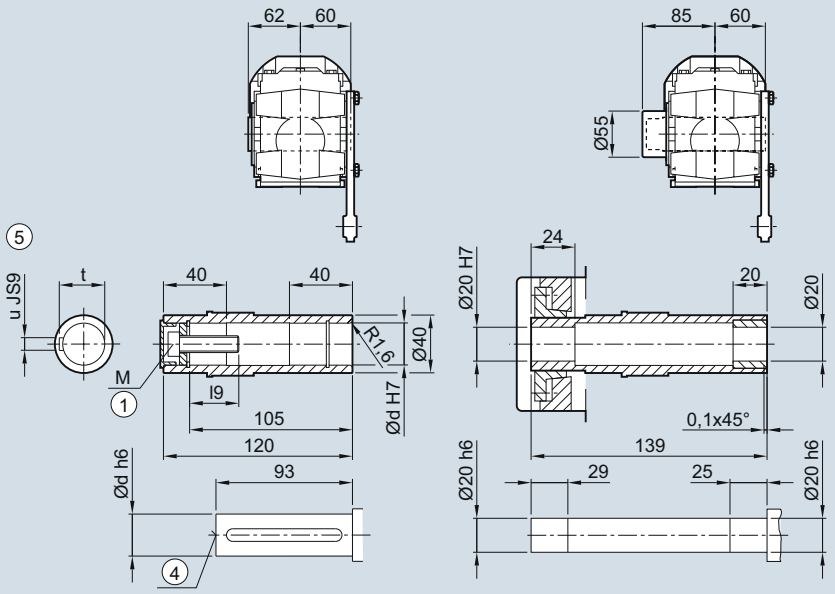
BAD.29 gearbox in a shaft-mounted design

BAD030, BADS030

BAD29



BAD29 **BADS29**



Shaft	d	l9	M	t	u
	20	23.4	M6	22.8	6
	25	27.6	M10	28.3	8

Motor	LA			LE					
	63	71	71Z	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

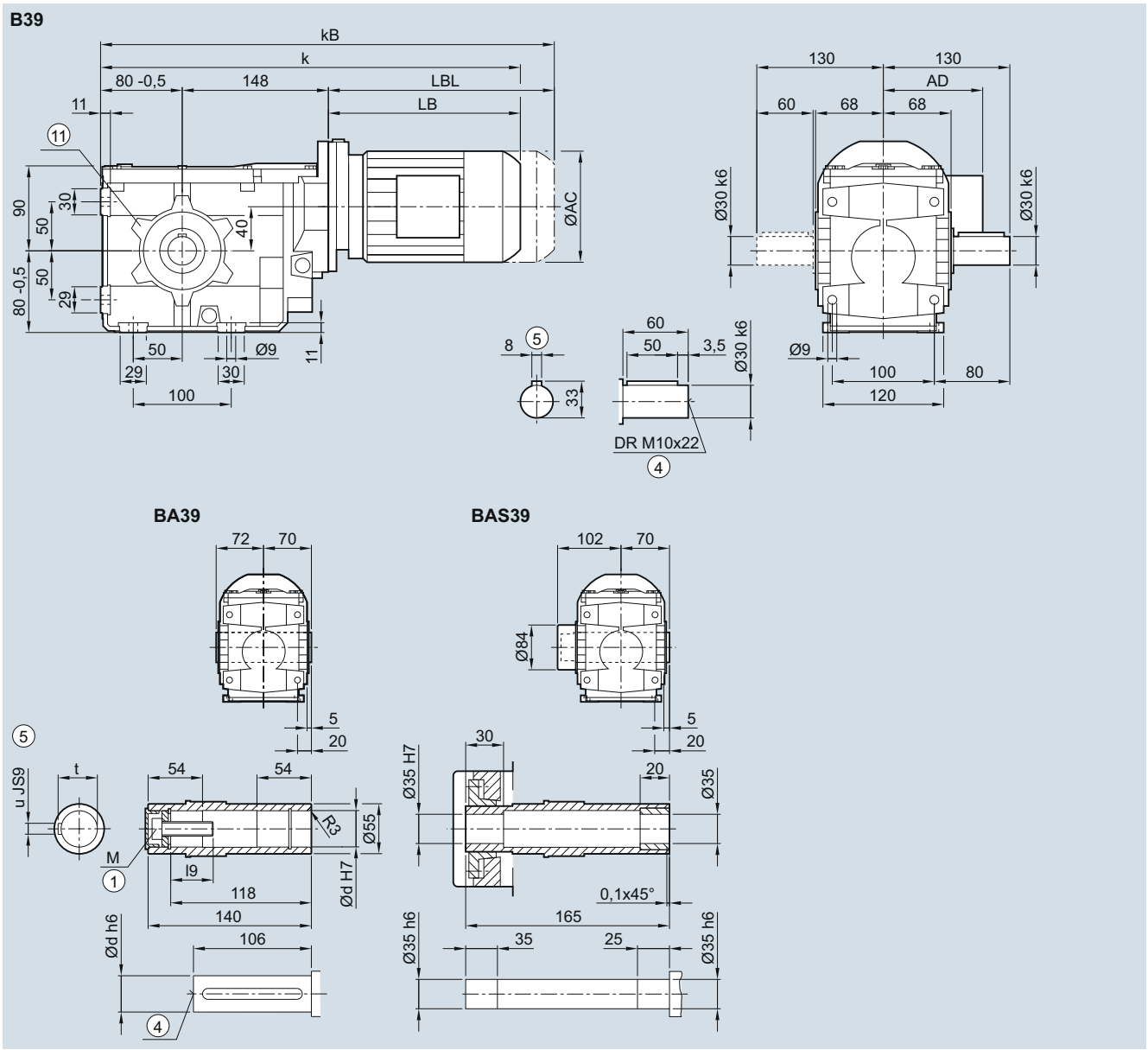
① ISO 4014
④ DIN 332
⑤ Feather key/keyway DIN 6885-1
⑪ Use bores only for foot-mounted design

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

5

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			LE							
	63	71	71Z	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
⑪ Use bores only for housing flange design

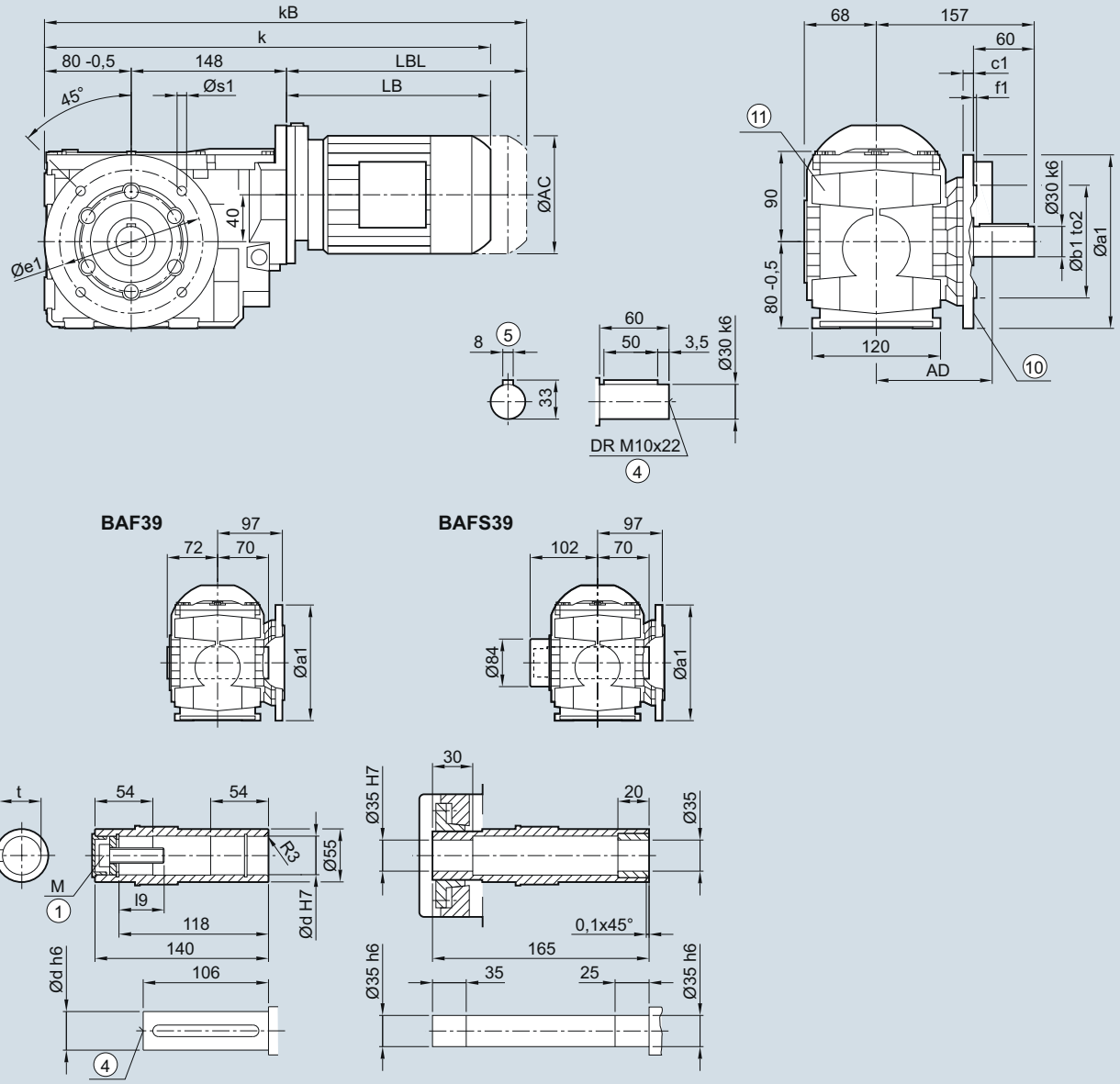
1) AD depends on the motor options, for other dimensions see page 8/42.

5

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

BF030, BAF030, BAFS030

BF39



BAF39

BAFS39

Flange	a1	b1	c1	f1	e1	s	to2
	160	110	10	3.5	130	9	j6
	200	130	12	3.5	165	11	j6

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

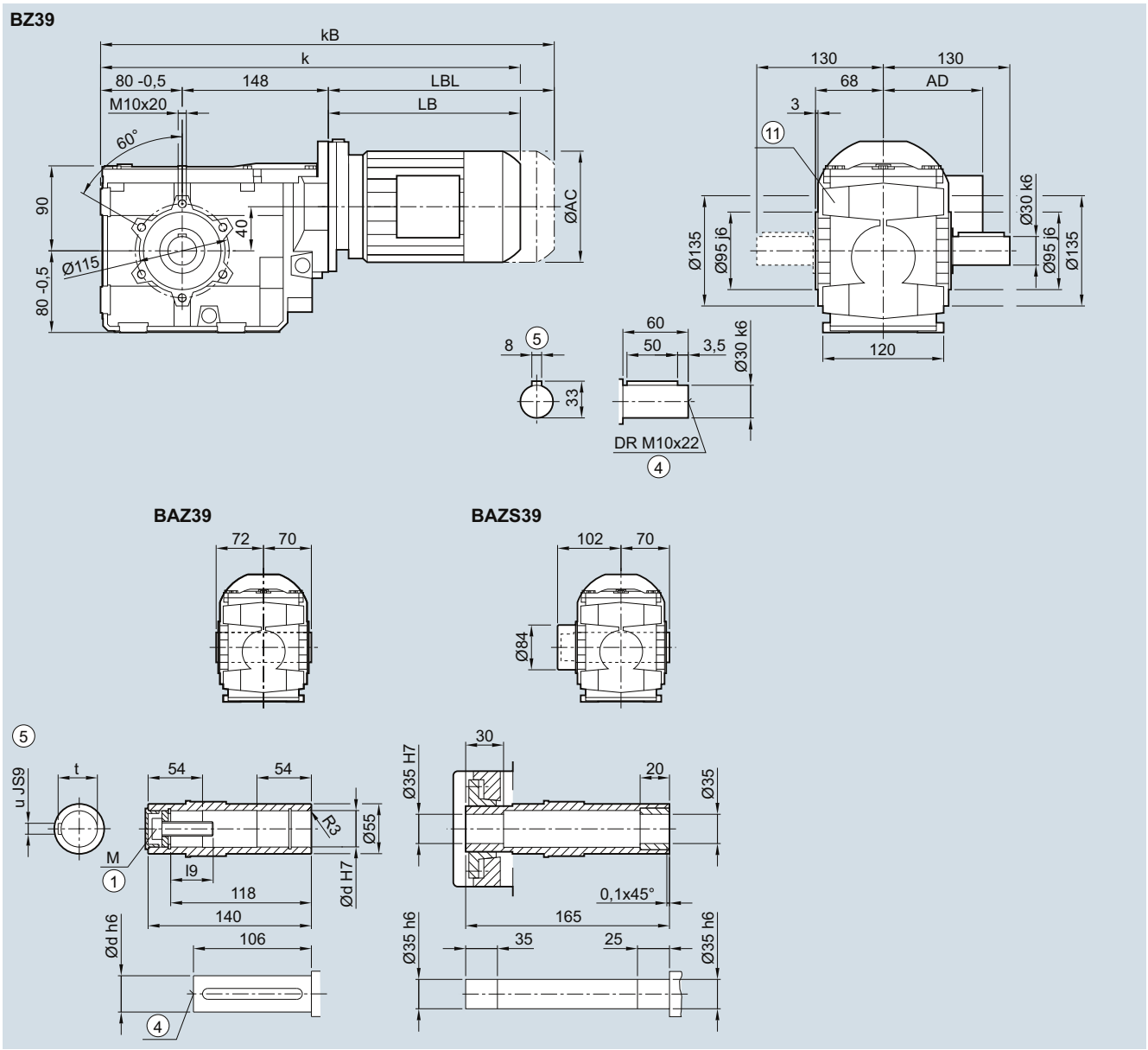
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	473.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	528.0	578.0	613.0	649.5	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 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.39 gearbox in a housing flange design

BZ030, BAZ030, BAZS030



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	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

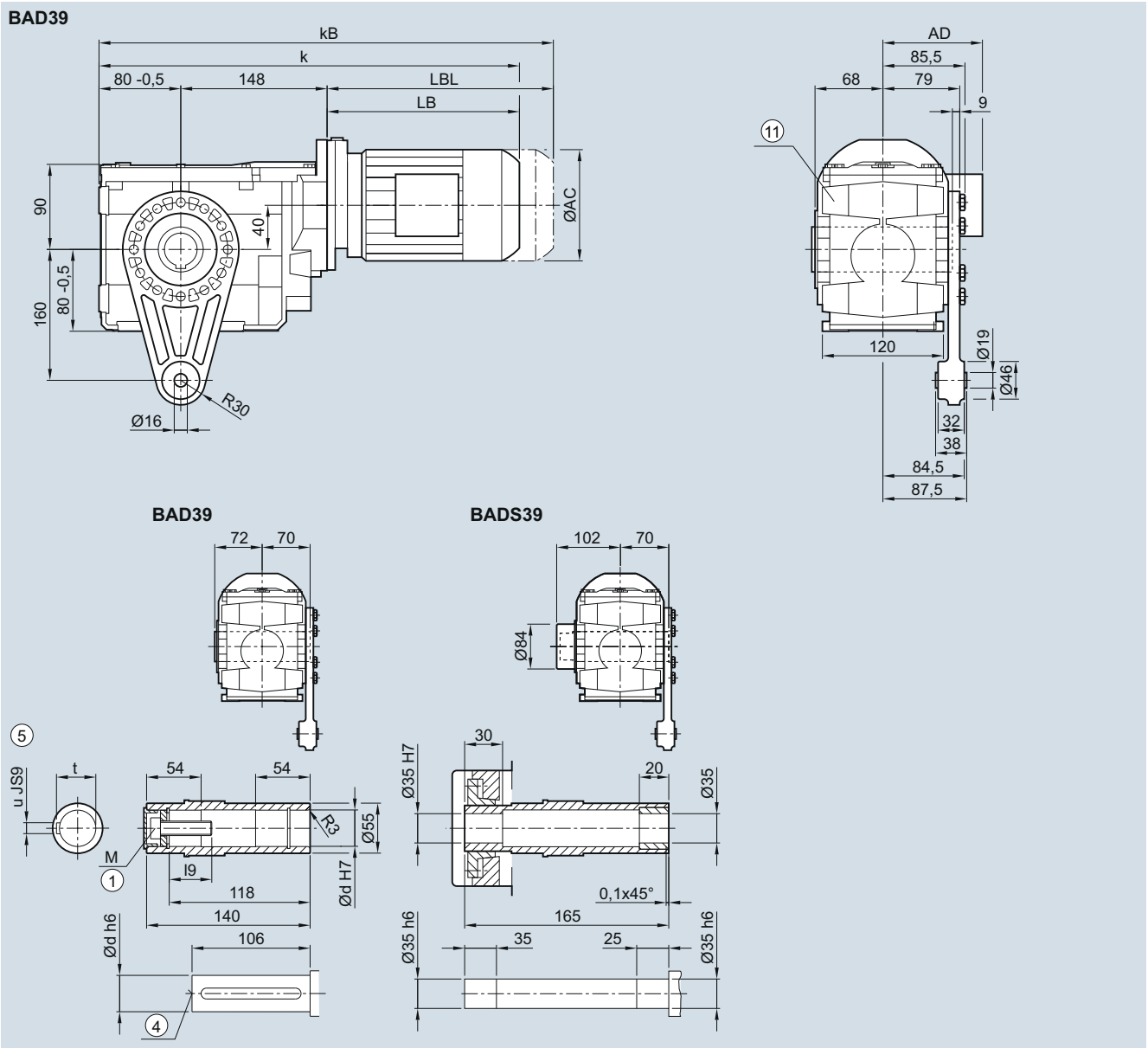
① ISO 4014
④ DIN 332
⑤ Feather key/keyway DIN 6885-1
⑪ Use bores only for foot-mounted design

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

5

BAD.39 gearbox in a shaft-mounted design

BAD030, BADS030



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

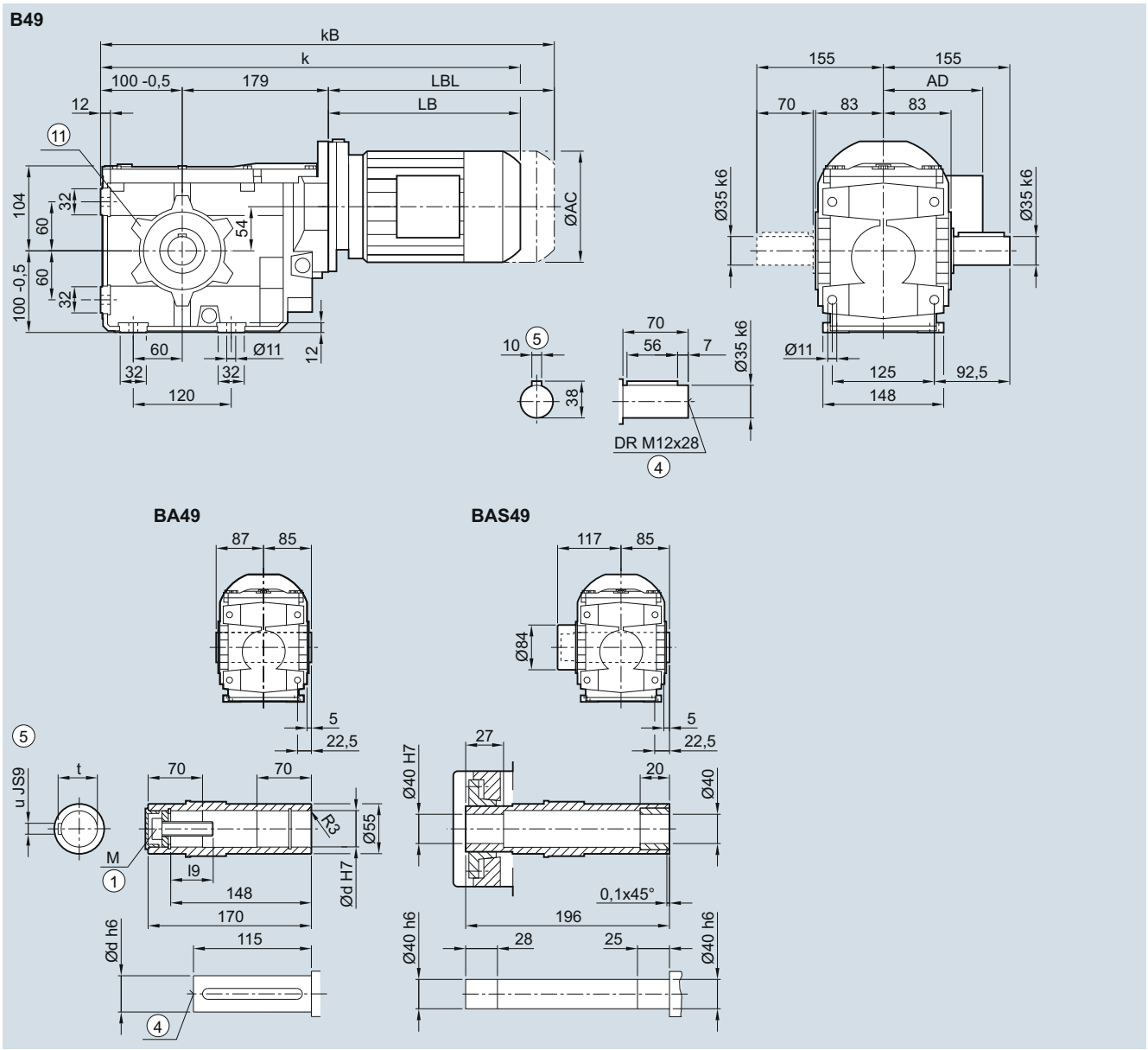
Motor	LA			LE							
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	422.0	454.0	473.0	518.0	553.0	579.5	619.5	636.0	671.0	646.0	671.0
kB	466.5	509.0	528.0	578.0	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
⑪ Use bores only for foot-mounted design

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

B..49 gearbox in a foot-mounted design

B030, BA030, BAS030



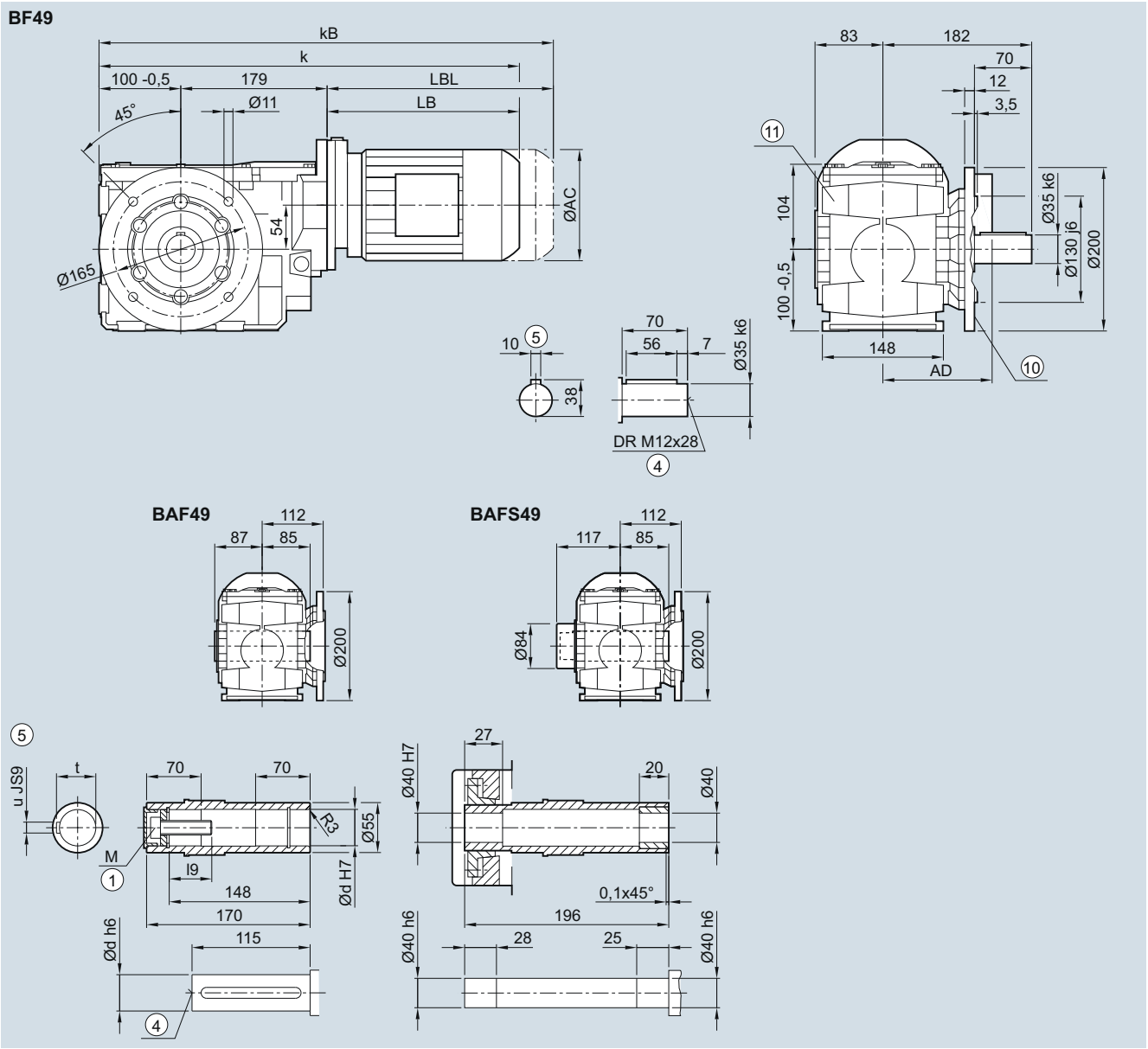
Shaft	d	l9	M	t	u
	35	57	M12	38.3	10
	40	67.75	M16	43.3	12

Motor	LA			LE									
	63	71	71Z	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
⑪ Use bores only for housing flange design
1) AD depends on the motor options, for other dimensions see page 8/42.

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

BF030, BAF030, BAFS030



Shaft	d	l9	M	t	u
	35	57	M12	38.3	10
	40	67.75	M16	43.3	12

Motor	LA			LE									
	63	71	71Z	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

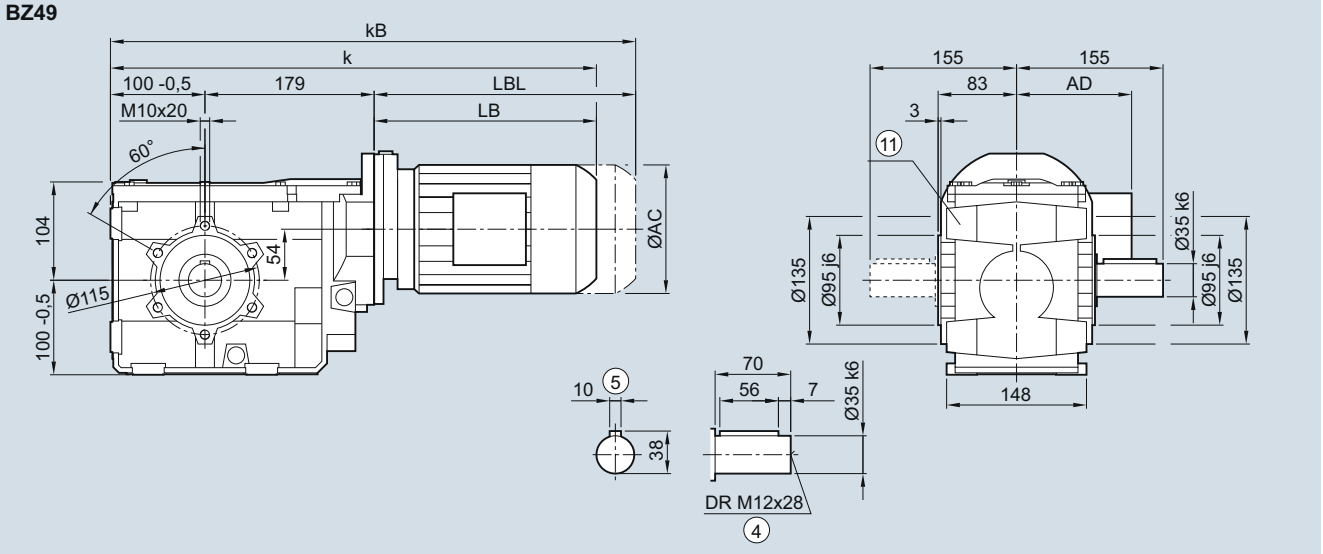
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑩ For inner contour see page 5/141

1) AD depends on the motor options, for other dimensions see page 8/42. ⑪ Use bores only for foot-mounted design

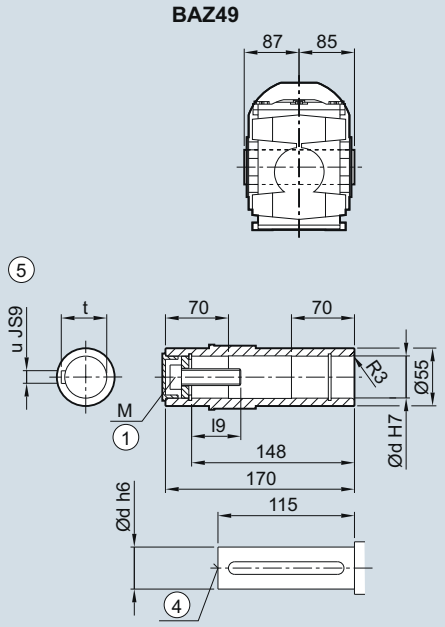
B.Z.49 gearbox in a housing flange design

BZ030, BAZ030, BAZS030

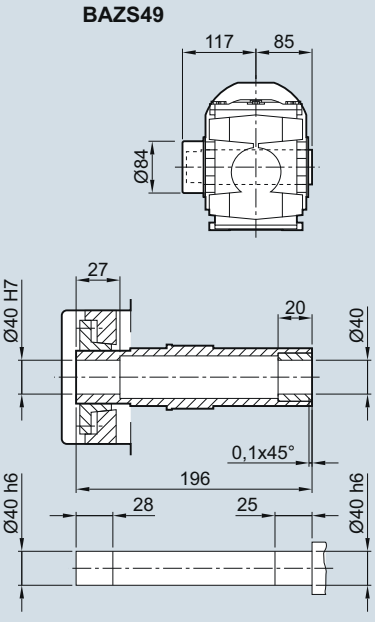
BZ49



BAZ49



BAZS49



Shaft	d	l9	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
⑪ Use bores only for foot-mounted design

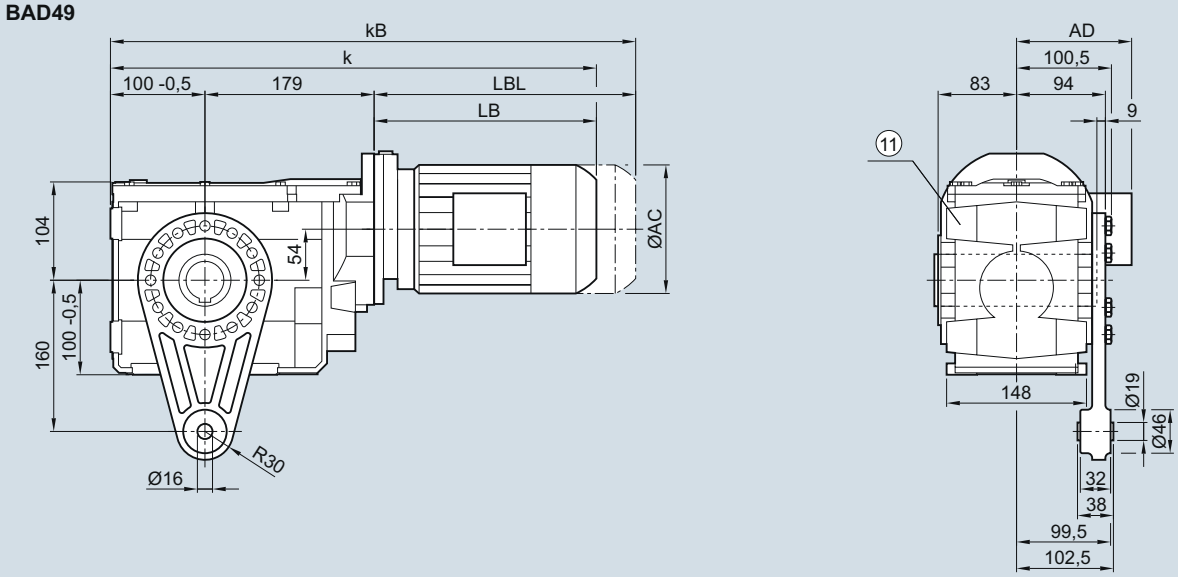
1) AD depends on the motor options, for other dimensions see page 8/42.

5

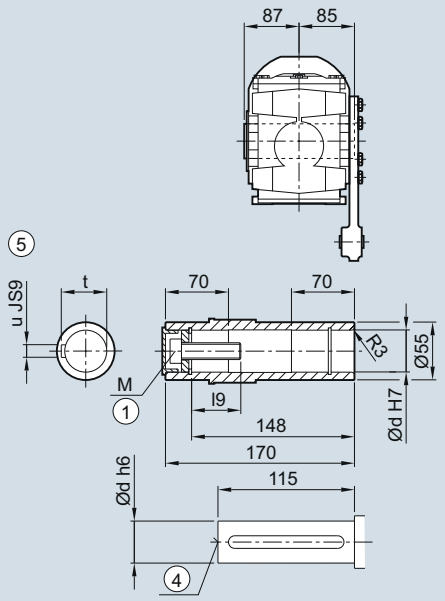
BAD.49 gearbox in a shaft-mounted design

BAD030, BADS030

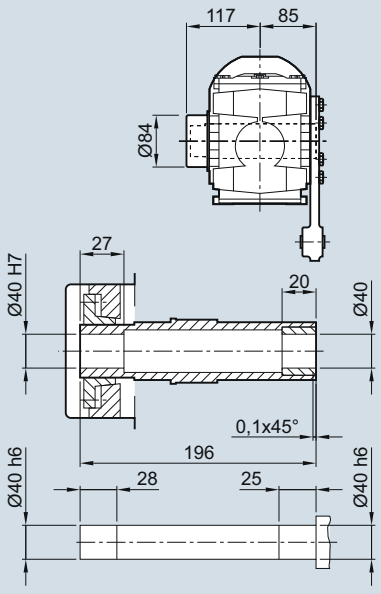
BAD49



BAD49



BADS49



Shaft	d	l9	M	t	u
	35	57	M12	38.3	10
	40	67.75	M16	43.3	12

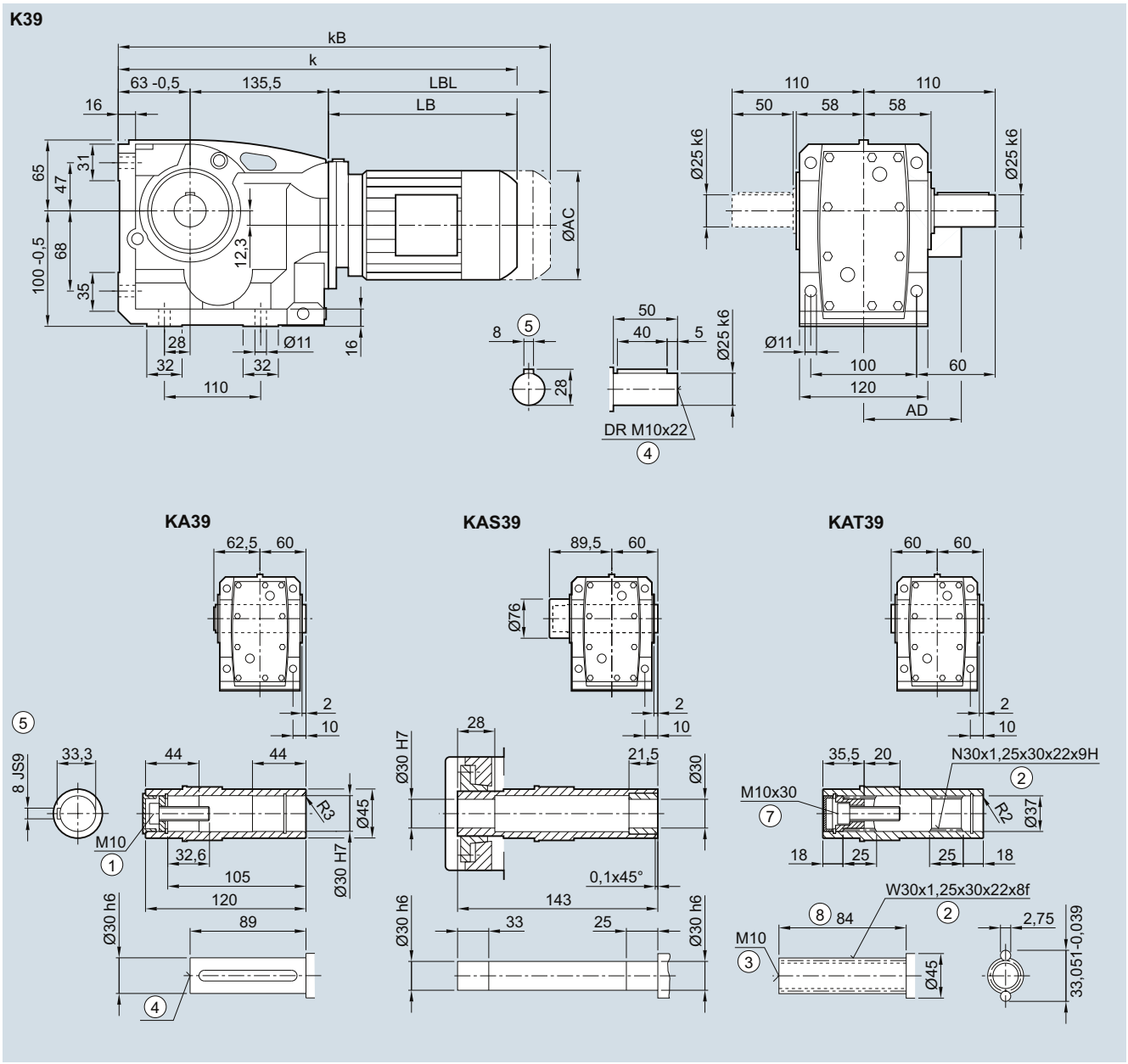
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	463.5	495.5	514.5	559.5	594.5	621.0	661.0	677.5	712.5	687.5	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
⑪ Use bores only for foot-mounted design

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

K..39 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030



Motor	LA			LE							
	63	71	71Z	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

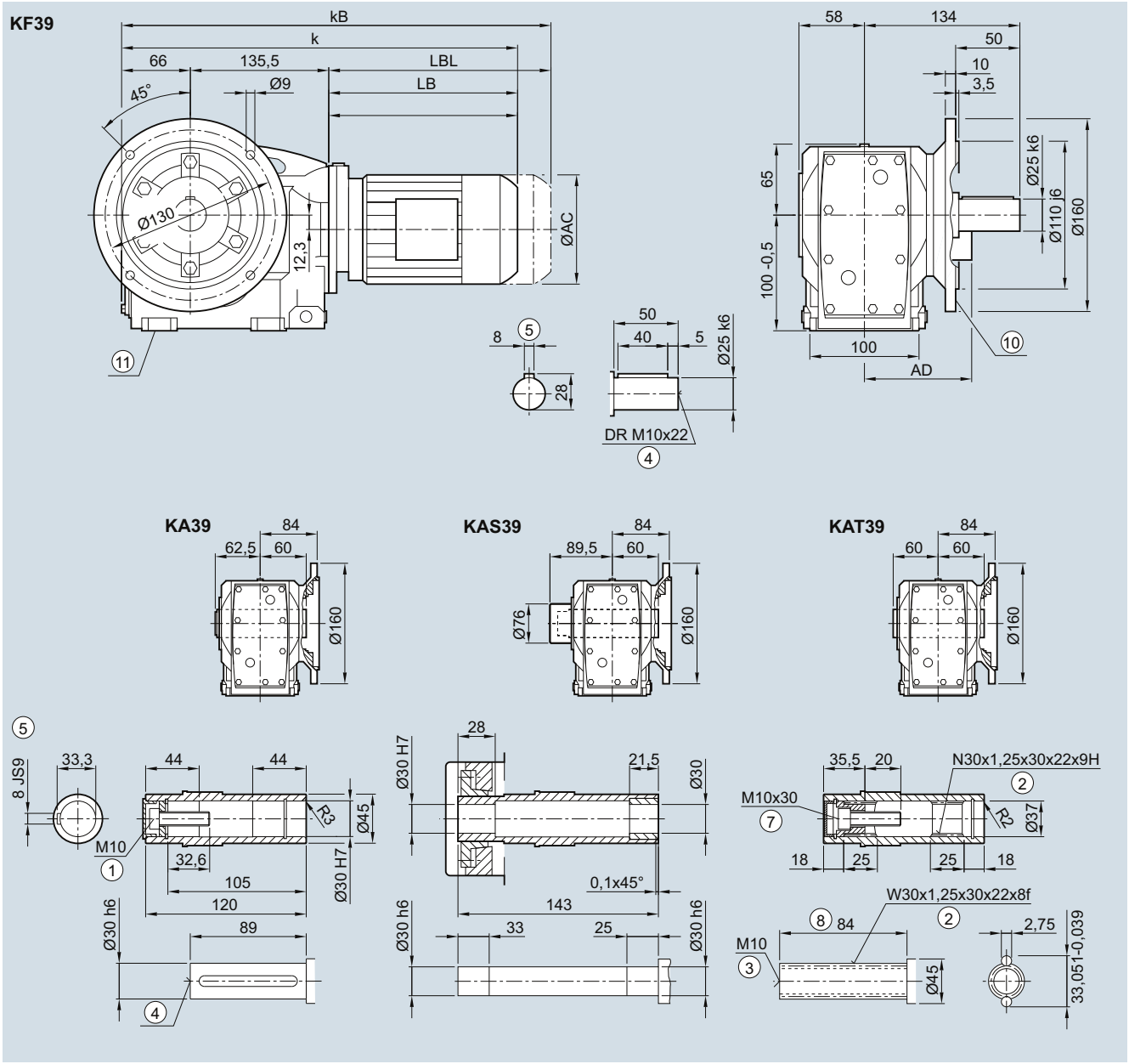
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

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

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



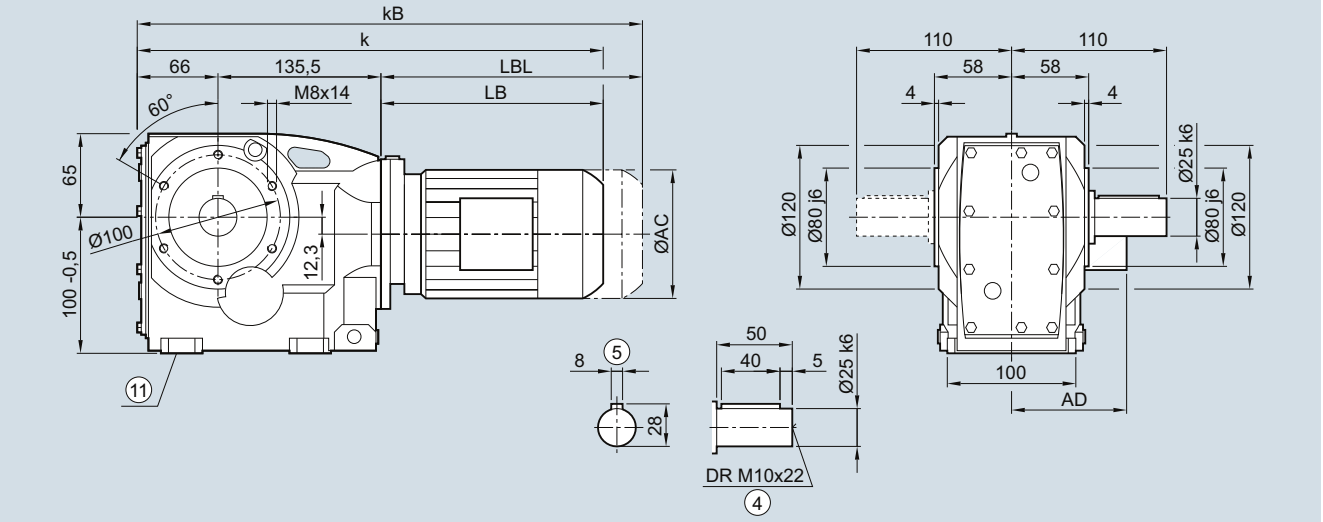
Motor	LA			LE							
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	395.0	427.0	446.0	491.0	526.0	552.5	592.5	609.0	644.0	619.0	644.0
kB	439.5	482.0	501.0	551.0	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
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.

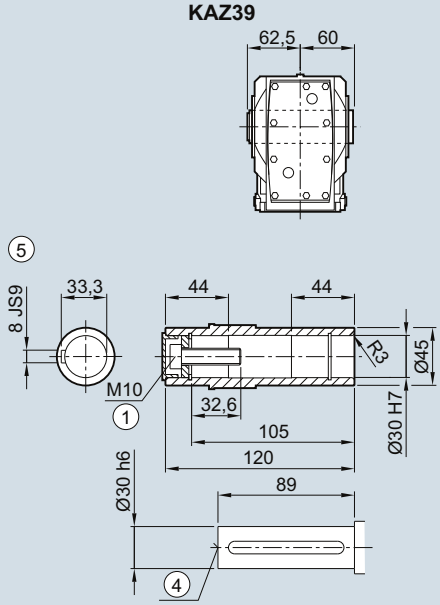
K.Z.39 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

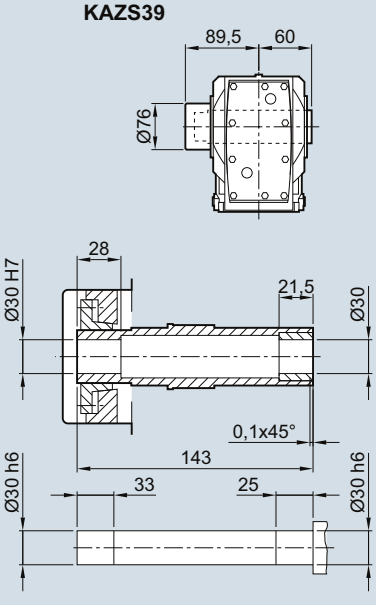
KZ39



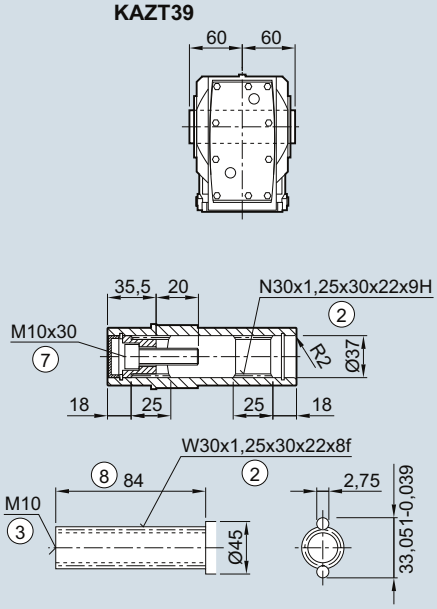
KAZ39



KAZS39



KAZT39



Motor	LA			LE							
	63	71	71Z	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

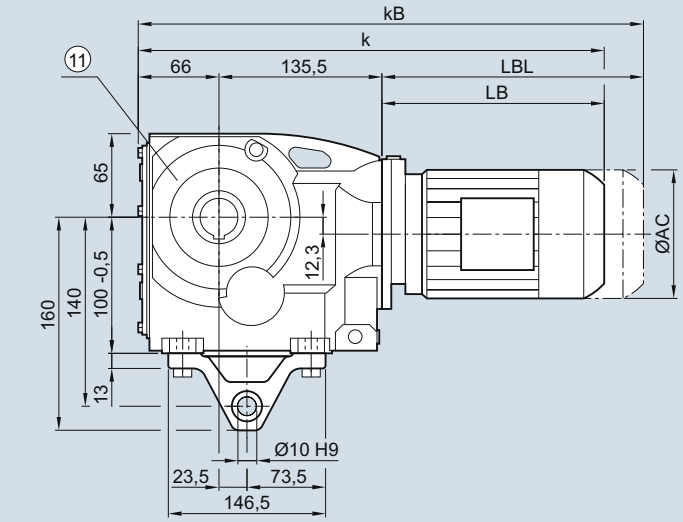
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for foot-mounted design

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

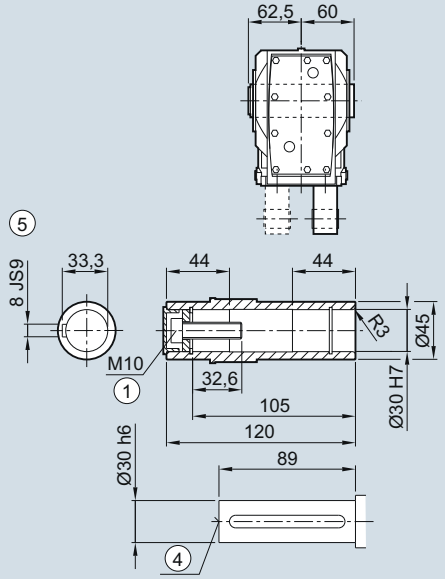
KAD.39 gearbox in a shaft-mounted design

KAD031, KADS031, KADT031

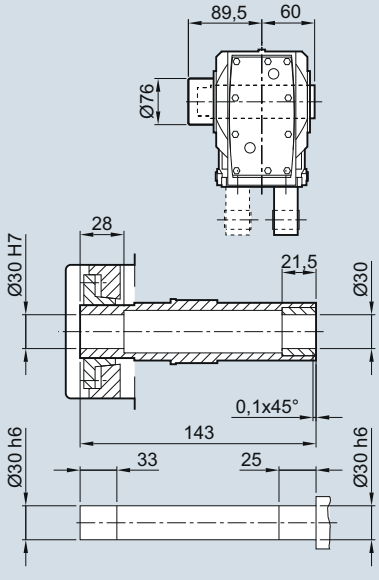
KAD39



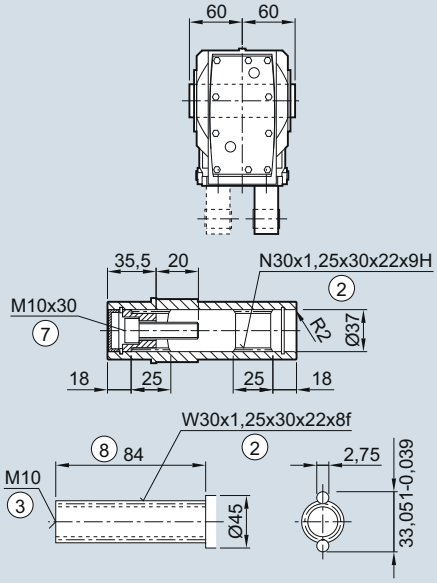
KAD39



KADS39



KADT39



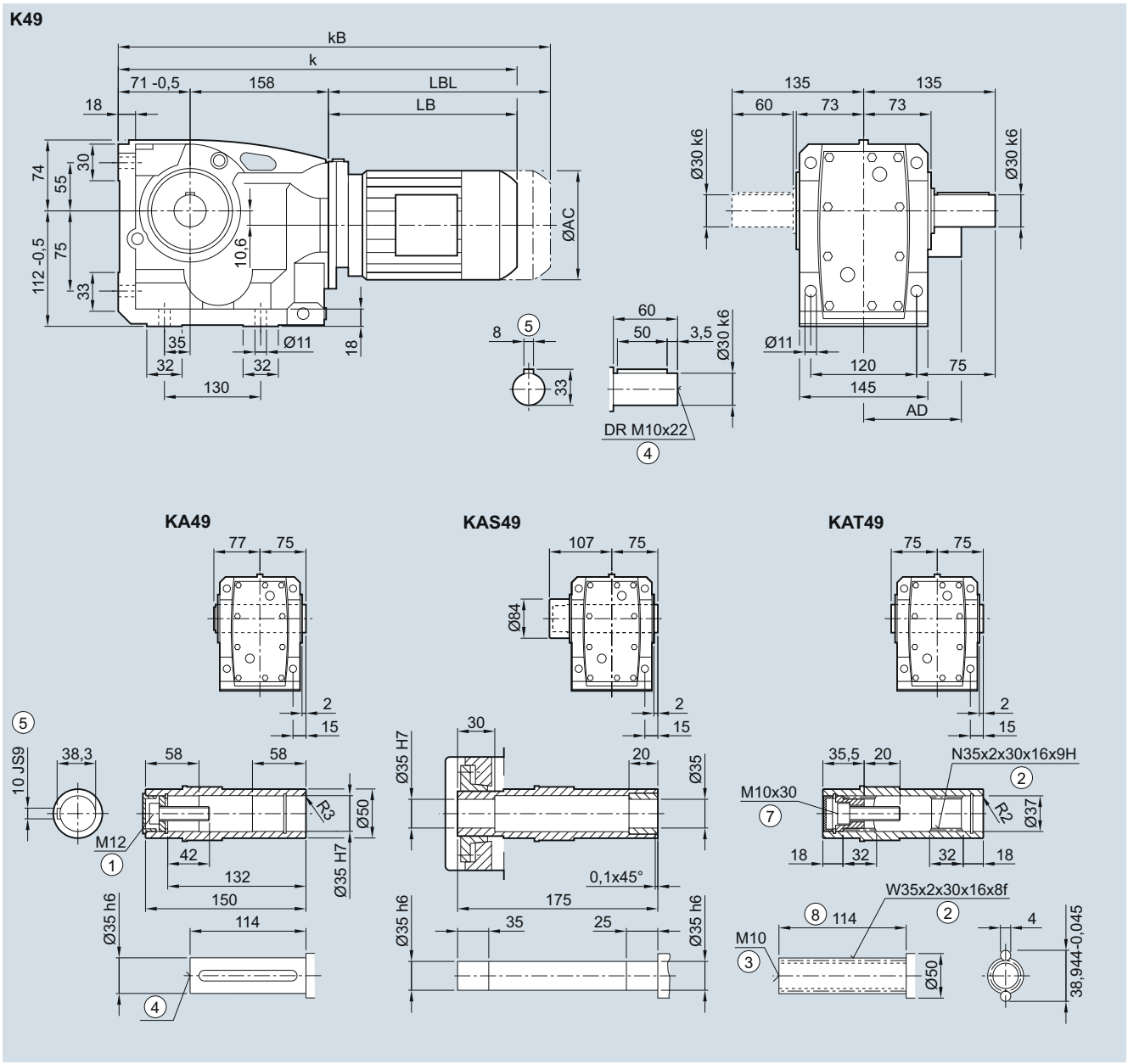
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5
k	395.0	427.0	446.0	491.0	526.0	552.5	592.5	609.0	644.0	619.0	644.0
kB	439.5	482.0	501.0	551.0	586.0	622.5	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 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



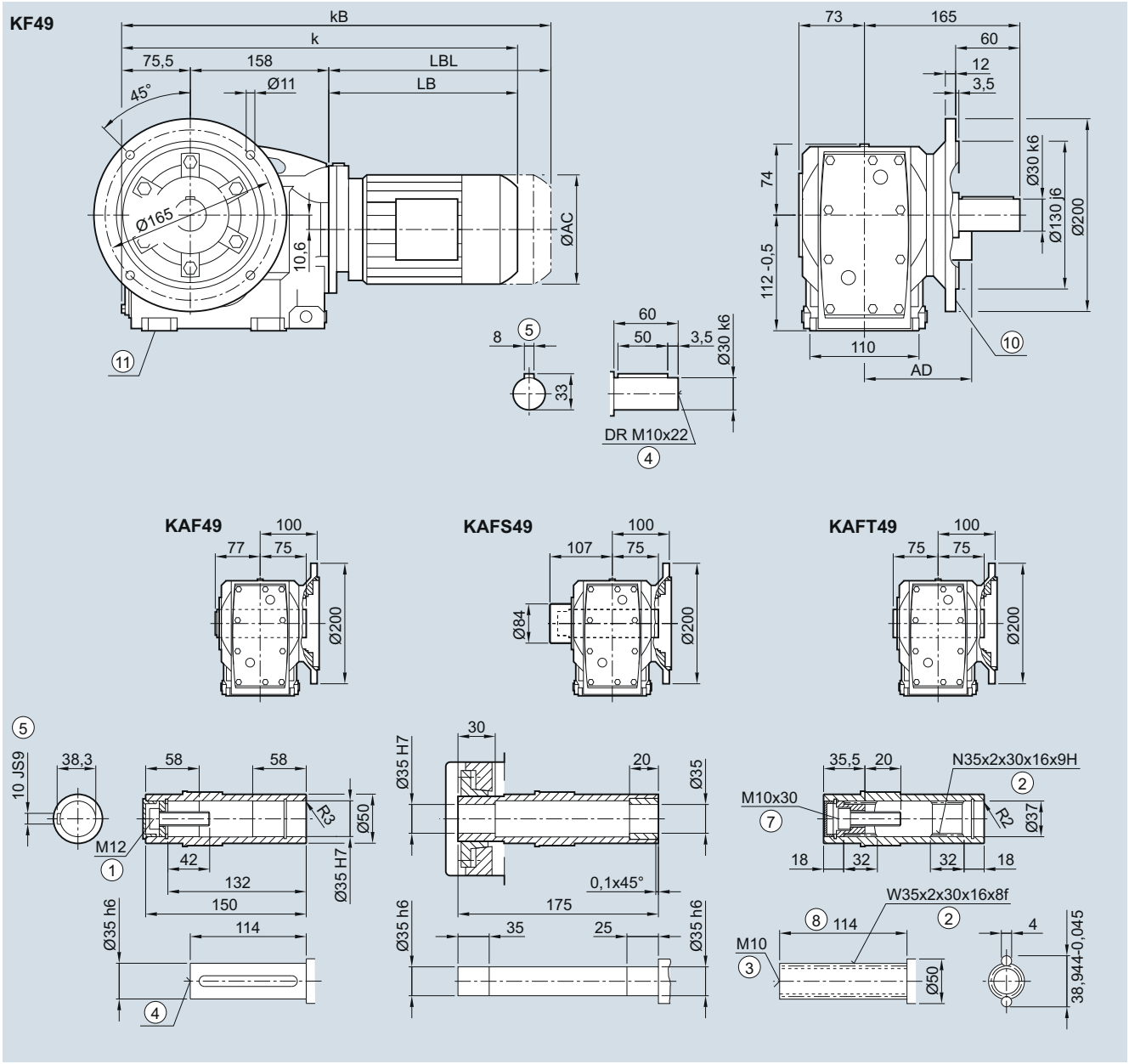
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	413.5	445.5	464.5	509.5	544.5	571.0	611.0	627.5	662.5	637.5	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.

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

KF030, KAF030, KAFS030, KAFT030



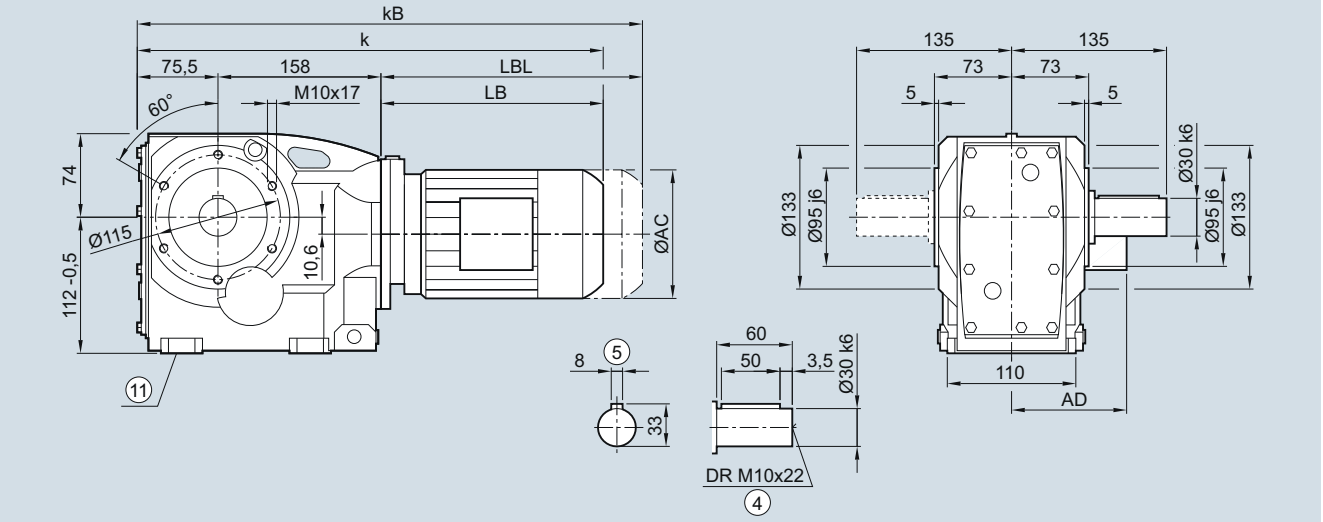
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	418.0	450.0	469.0	514.0	549.0	575.5	615.5	632.0	667.0	642.0	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

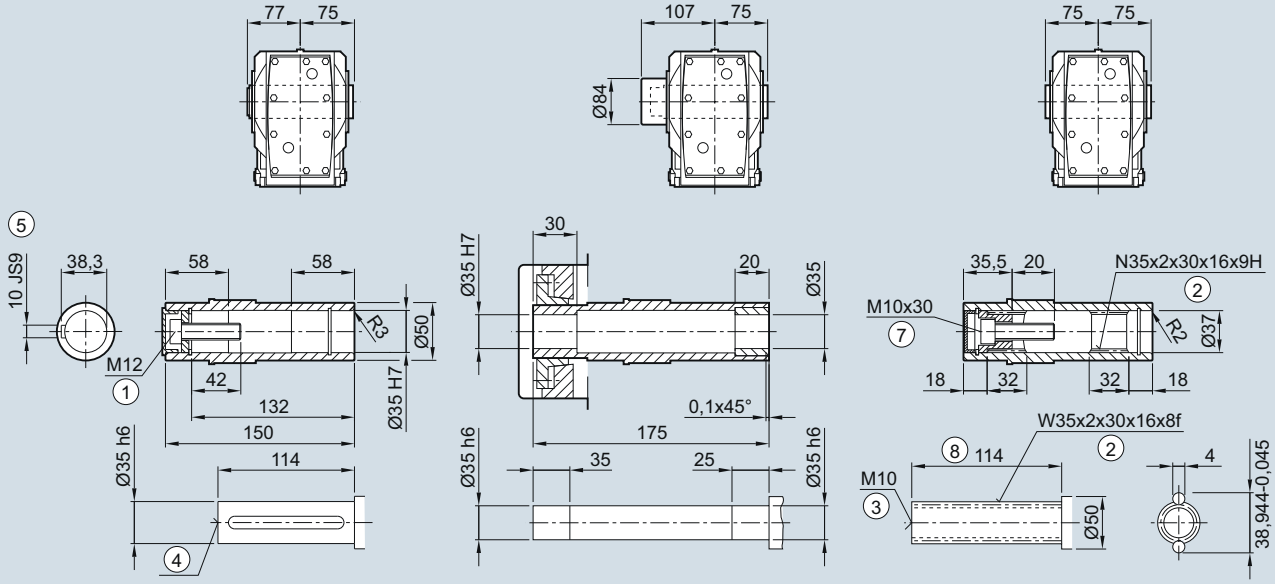
KZ49



KAZ49

KAZS49

KAZT49



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

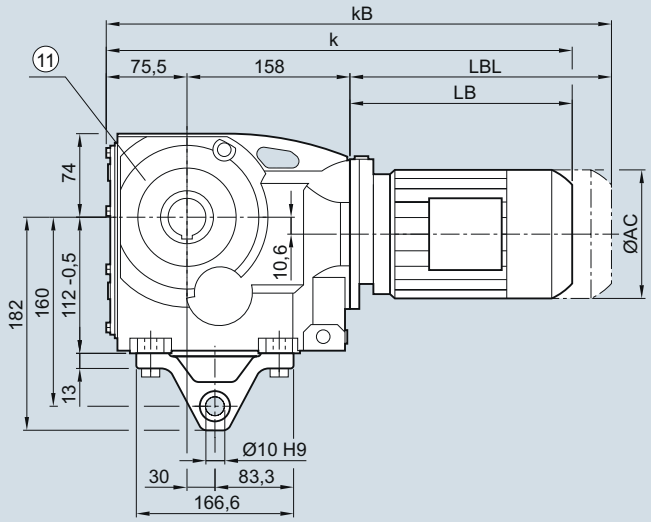
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for foot-mounted design

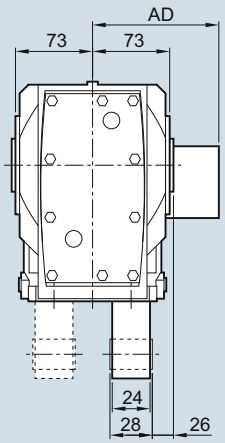
1) AD depends on the motor options, for other dimensions see page 8/42.

KAD.49 gearbox in a shaft-mounted design

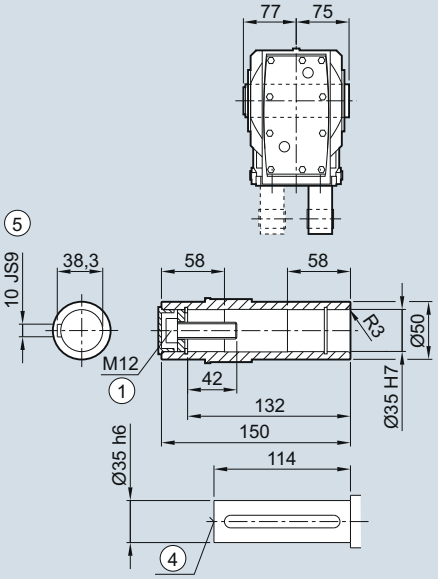
KAD031, KADS031, KADT031

KAD49

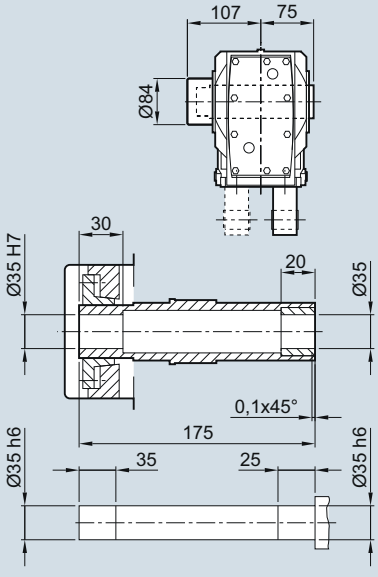




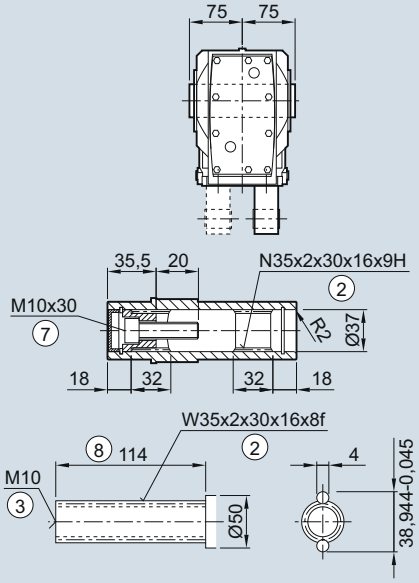
KAD49



KADS49



KADT49



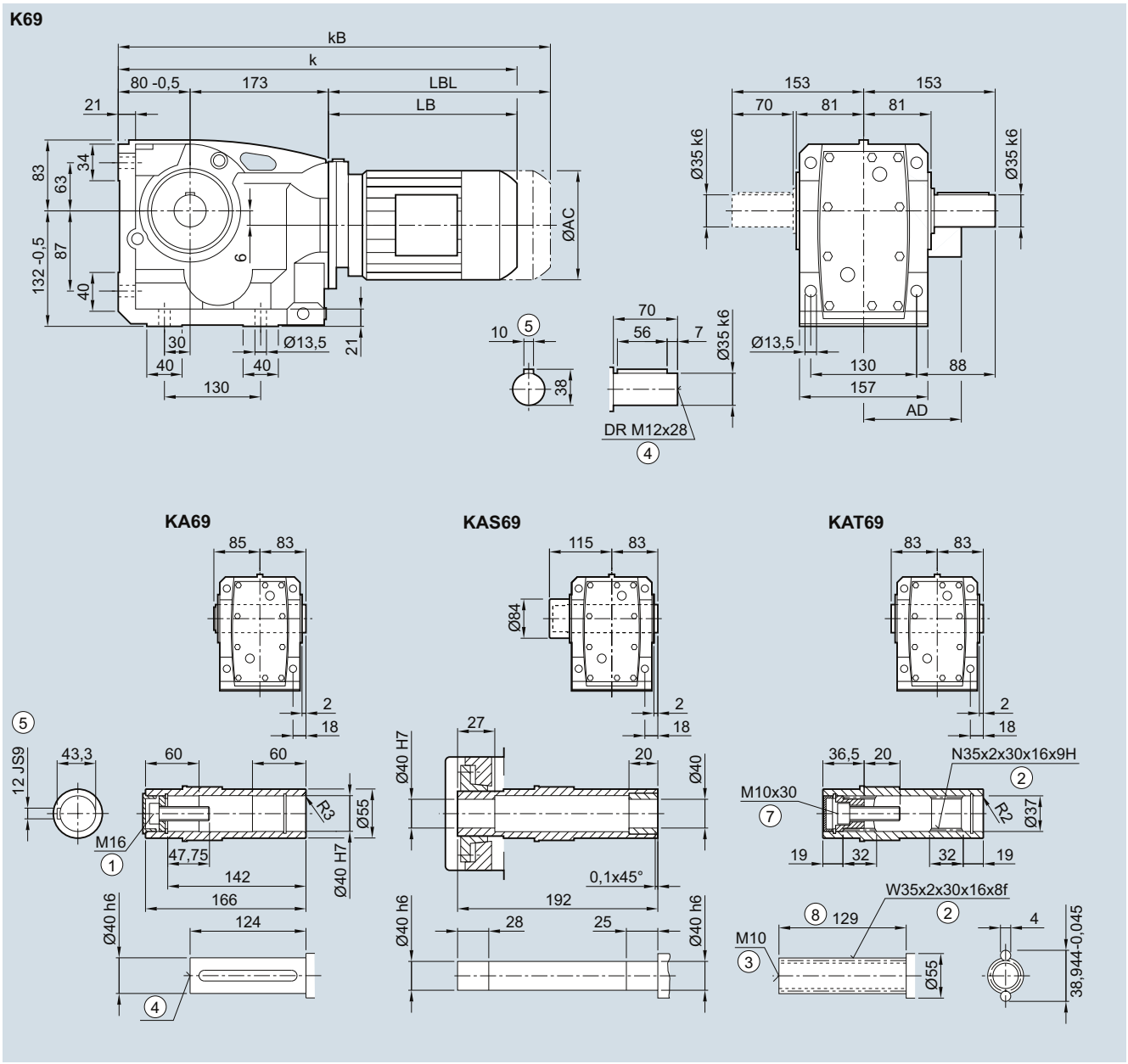
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	418.0	450.0	469.0	514.0	549.0	575.5	615.5	632.0	667.0	642.0	676.5	695.0	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
⑪ 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



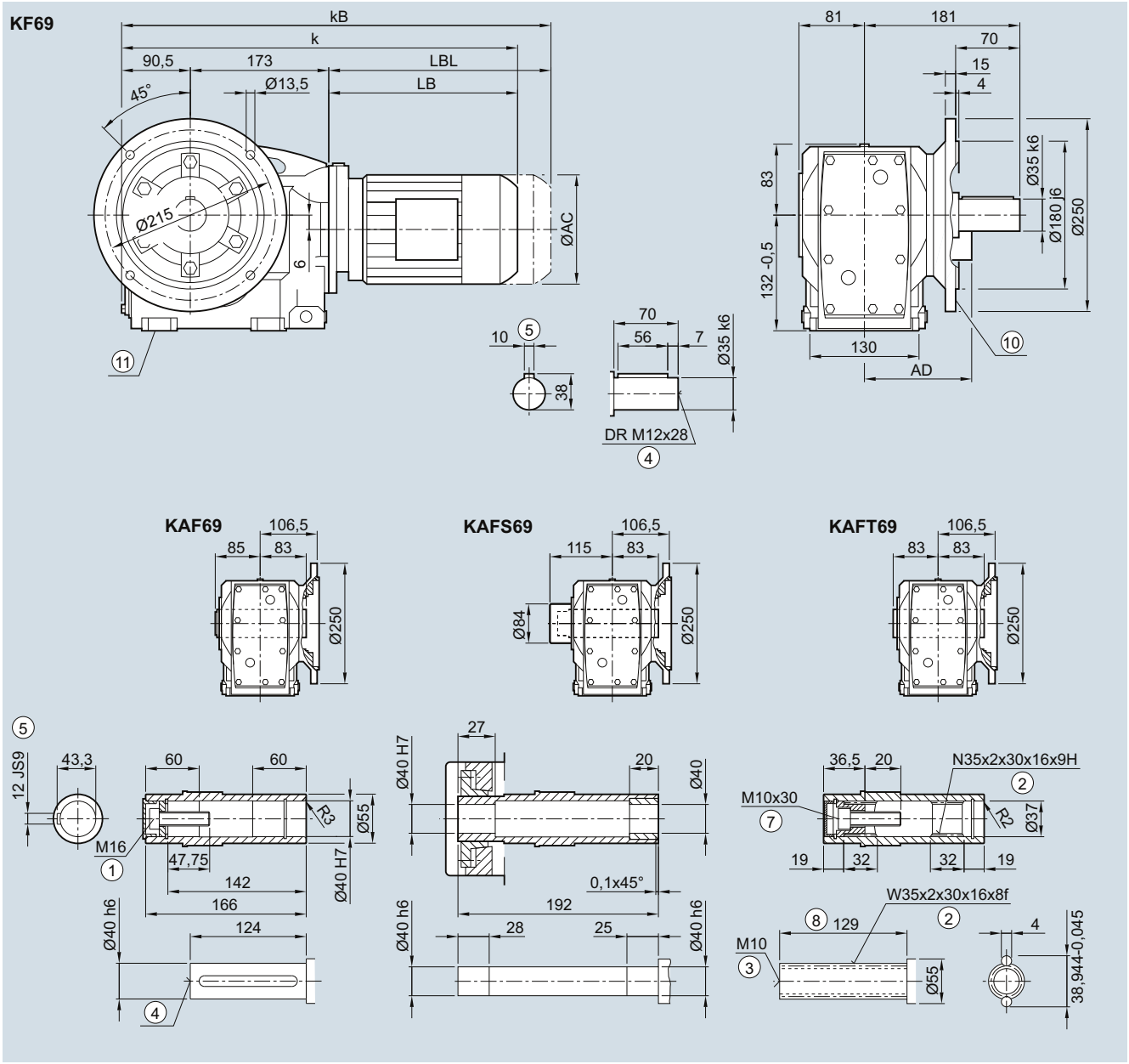
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	437.5	469.5	488.5	533.5	568.5	595.0	635.0	651.5	686.5	661.5	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.

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

KF030, KAF030, KAFS030, KAFT030



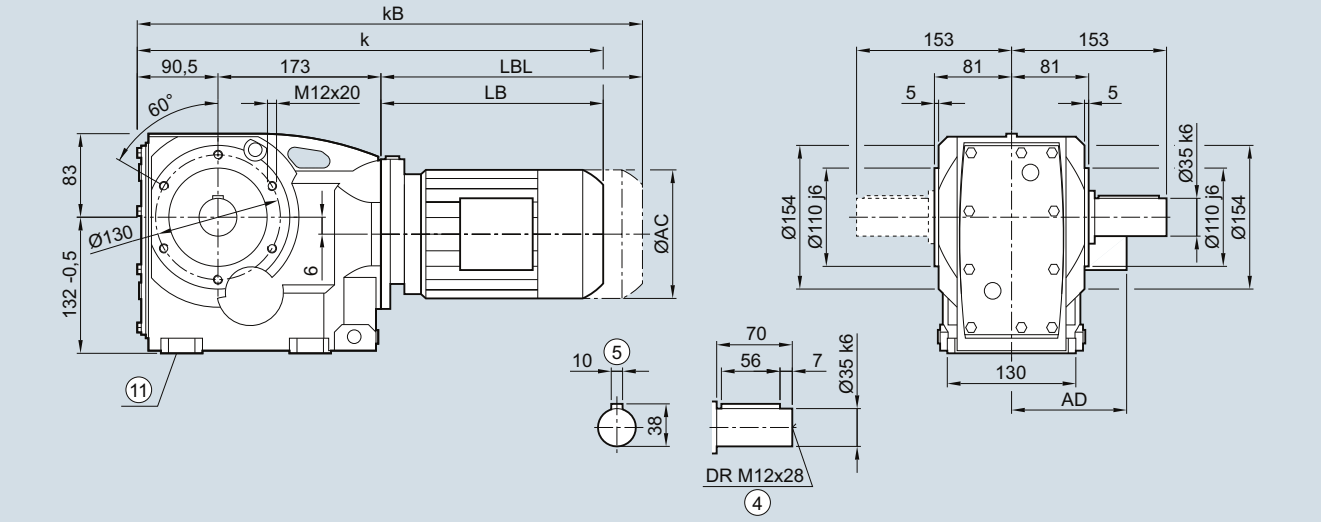
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	499.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	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.

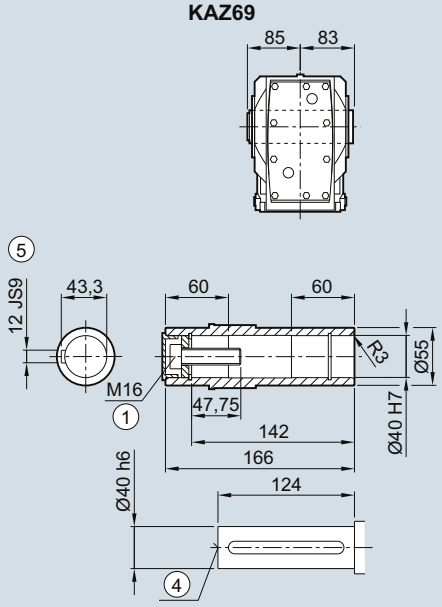
K.Z.69 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

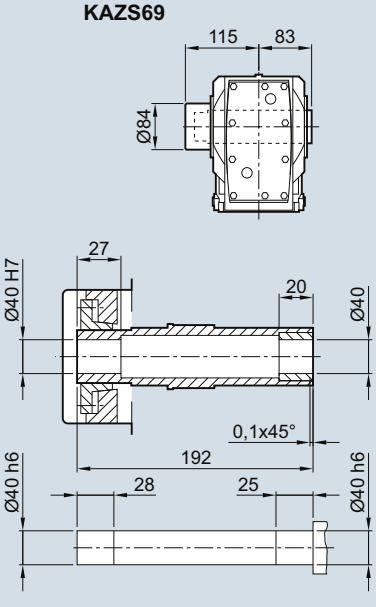
KZ69



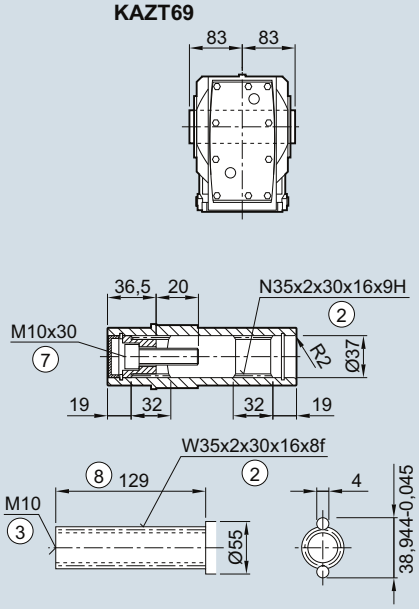
KAZ69



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 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for foot-mounted design

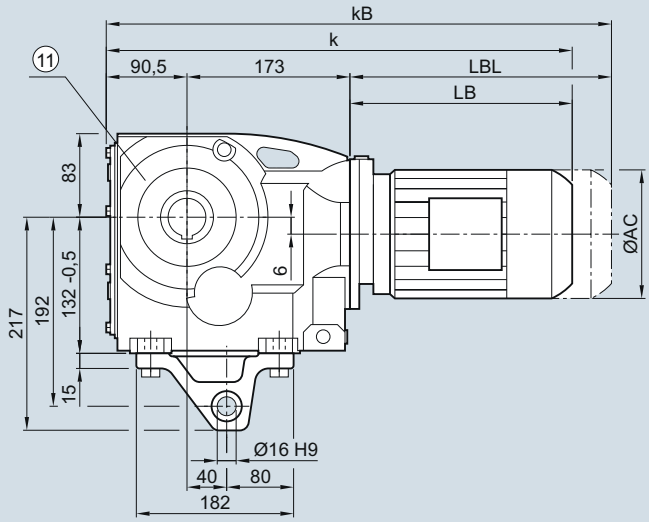
1) AD depends on the motor options, for other dimensions see page 8/42.

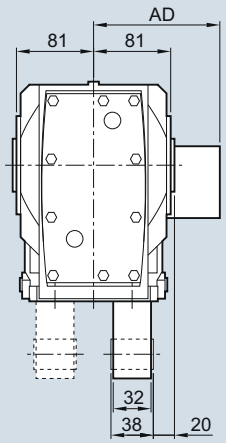
5

KAD.69 gearbox in a shaft-mounted design

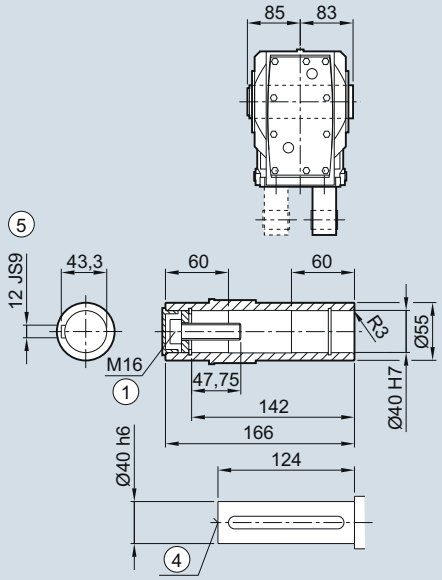
KAD030, KADS030, KADT030

KAD69

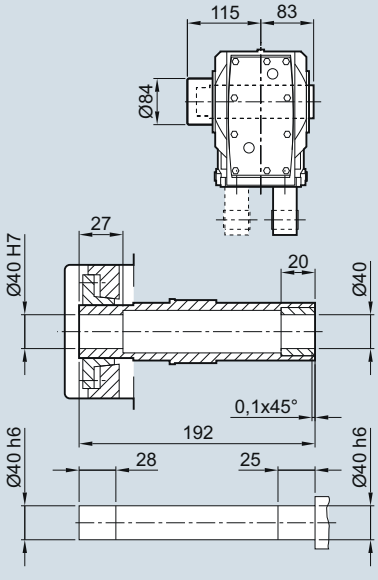




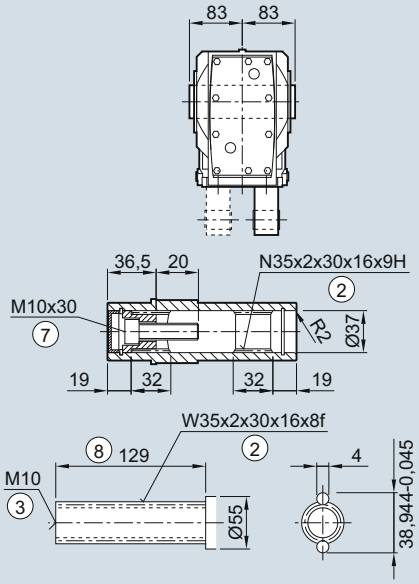
KAD69



KADS69



KADT69



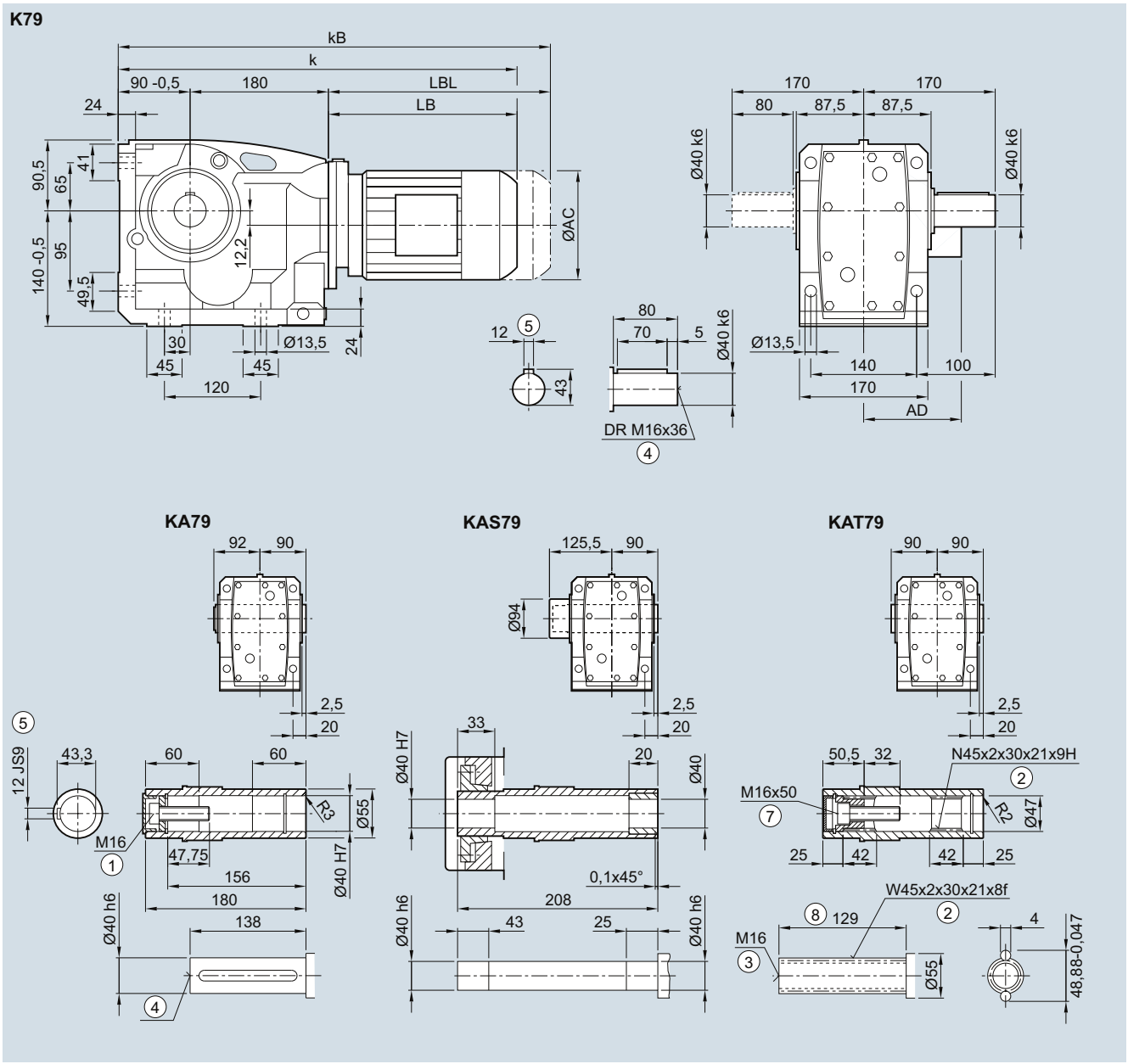
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	448.0	480.0	499.0	544.0	579.0	605.5	645.5	662.0	697.0	672.0	706.5	725.0	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
⑪ Use bores only for housing flange design

1) 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			LE									
	63	71	71Z	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

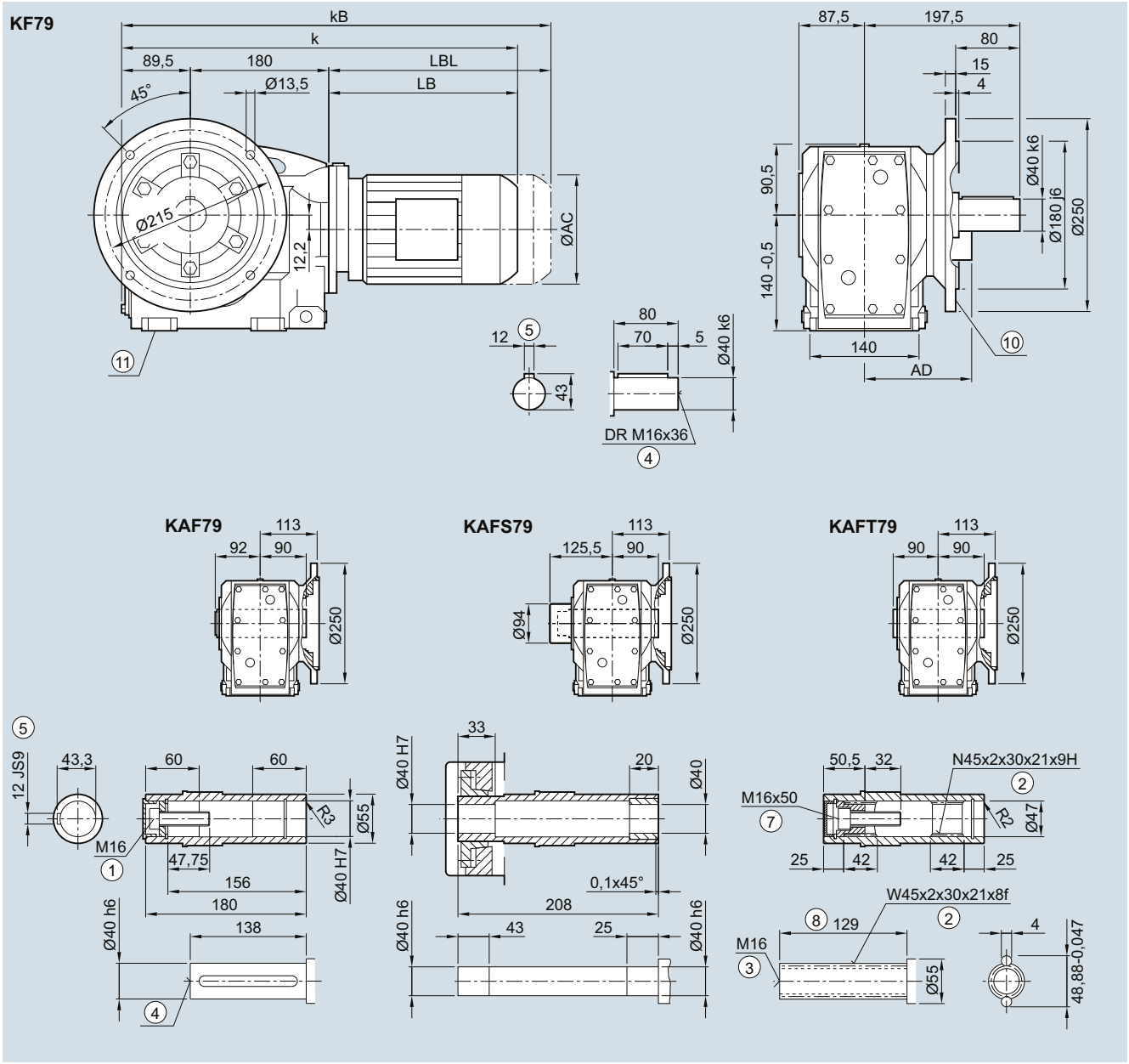
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

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

Dimensions

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

KF030, KAF030, KAFS030, KAFT030



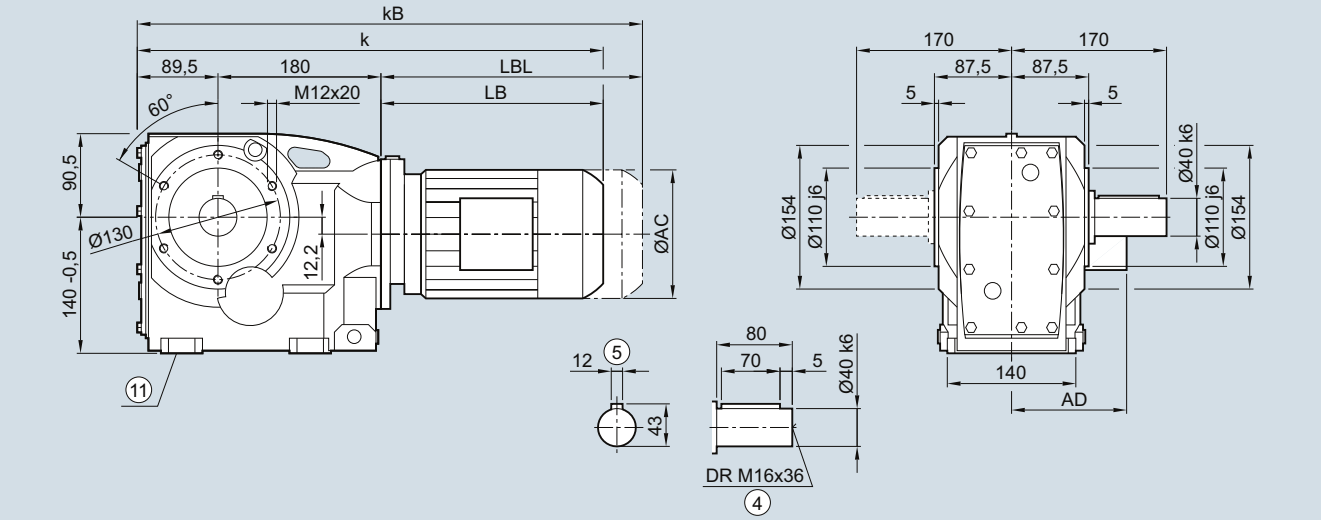
Motor	LA			LE									
	63	71	71Z	80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.0	486.0	505.0	550.0	585.0	611.5	651.5	668.0	703.0	678.5	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
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.

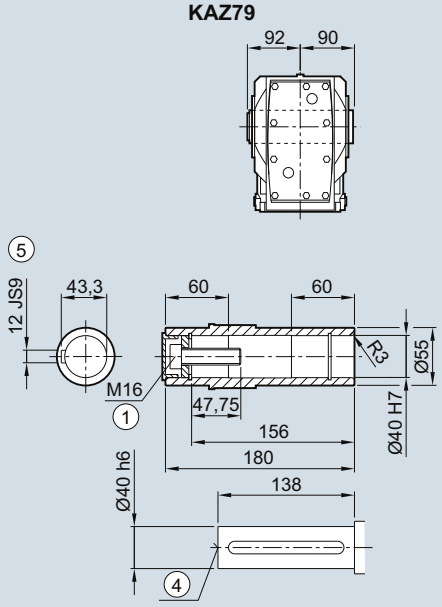
K.Z.79 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

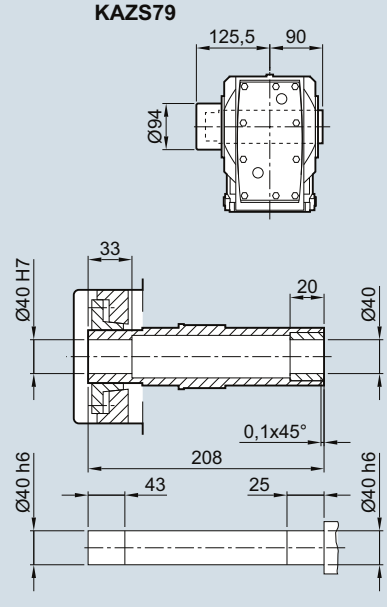
KZ79



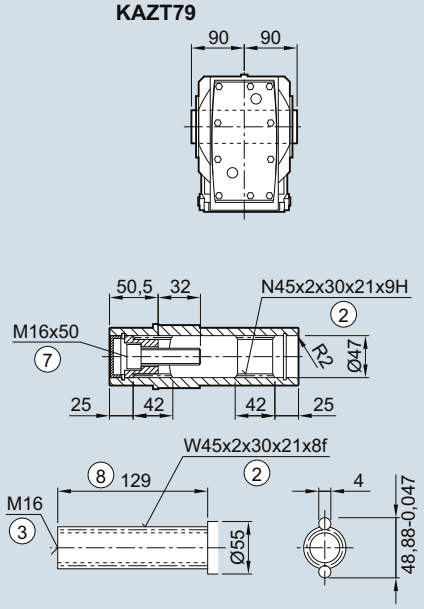
KAZ79



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
⑪ Use bores only for foot-mounted design

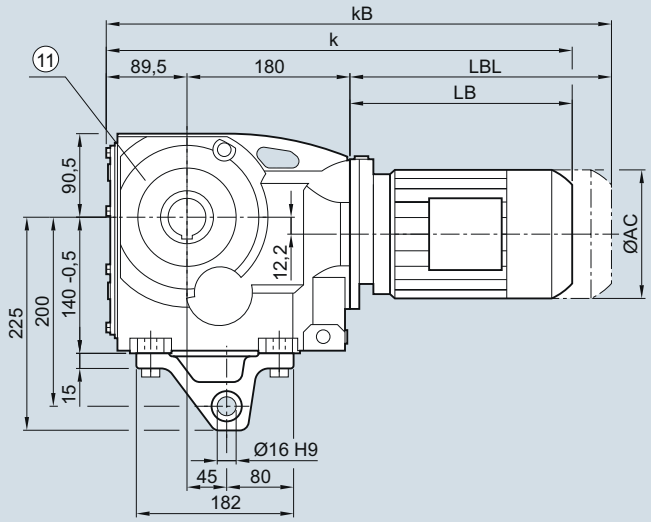
1) AD depends on the motor options, for other dimensions see page 8/42.

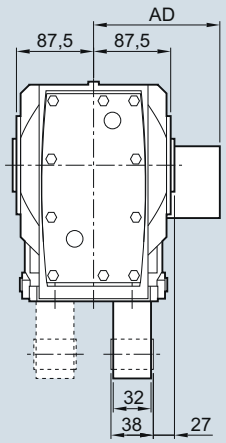
5

KAD.79 gearbox in a shaft-mounted design

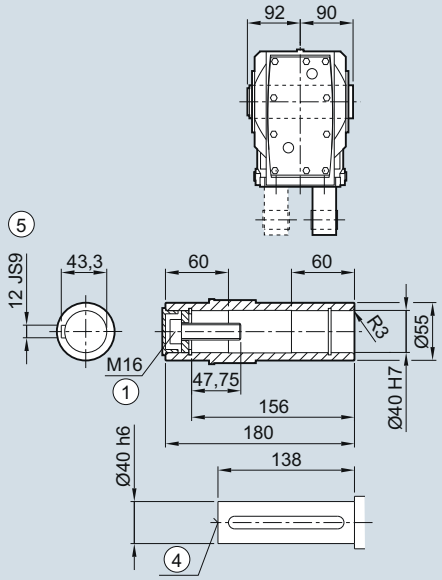
KAD030, KADS030, KADT030

KAD79

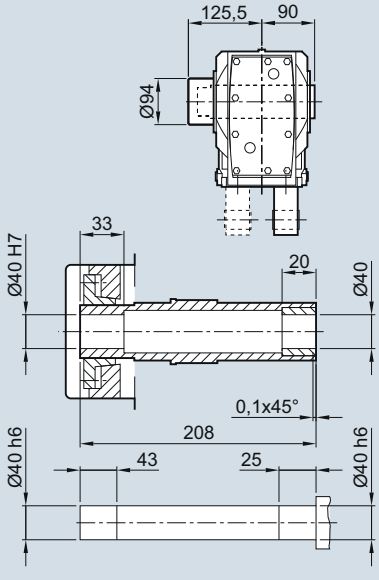




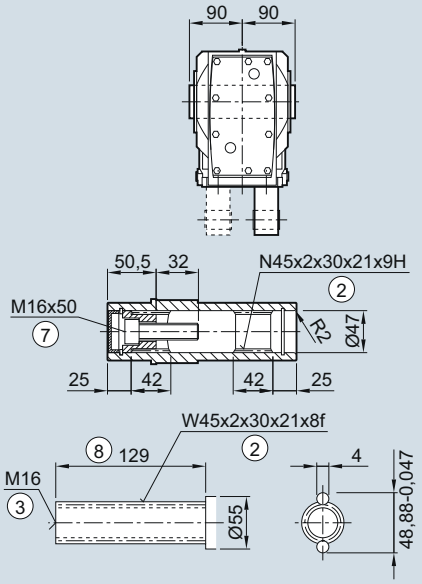
KAD79



KADS79



KADT79



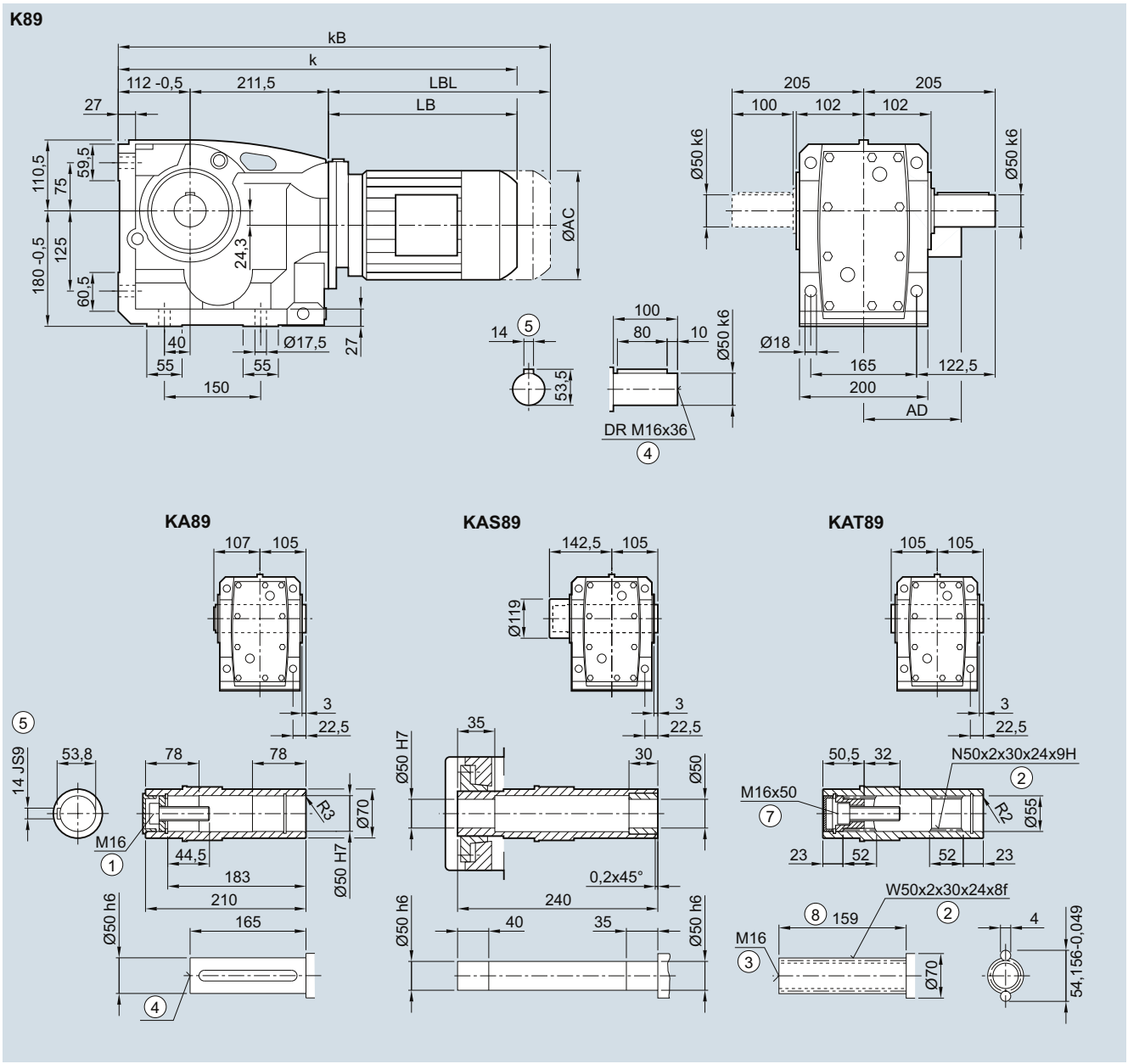
Motor	LA 63	71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z
AC	117.8	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0
AD[1)]	124.0	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0
k	454.0	486.0	505.0	550.0	585.0	611.5	651.5	668.0	703.0	678.5	712.5	731.0	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
⑪ 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



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

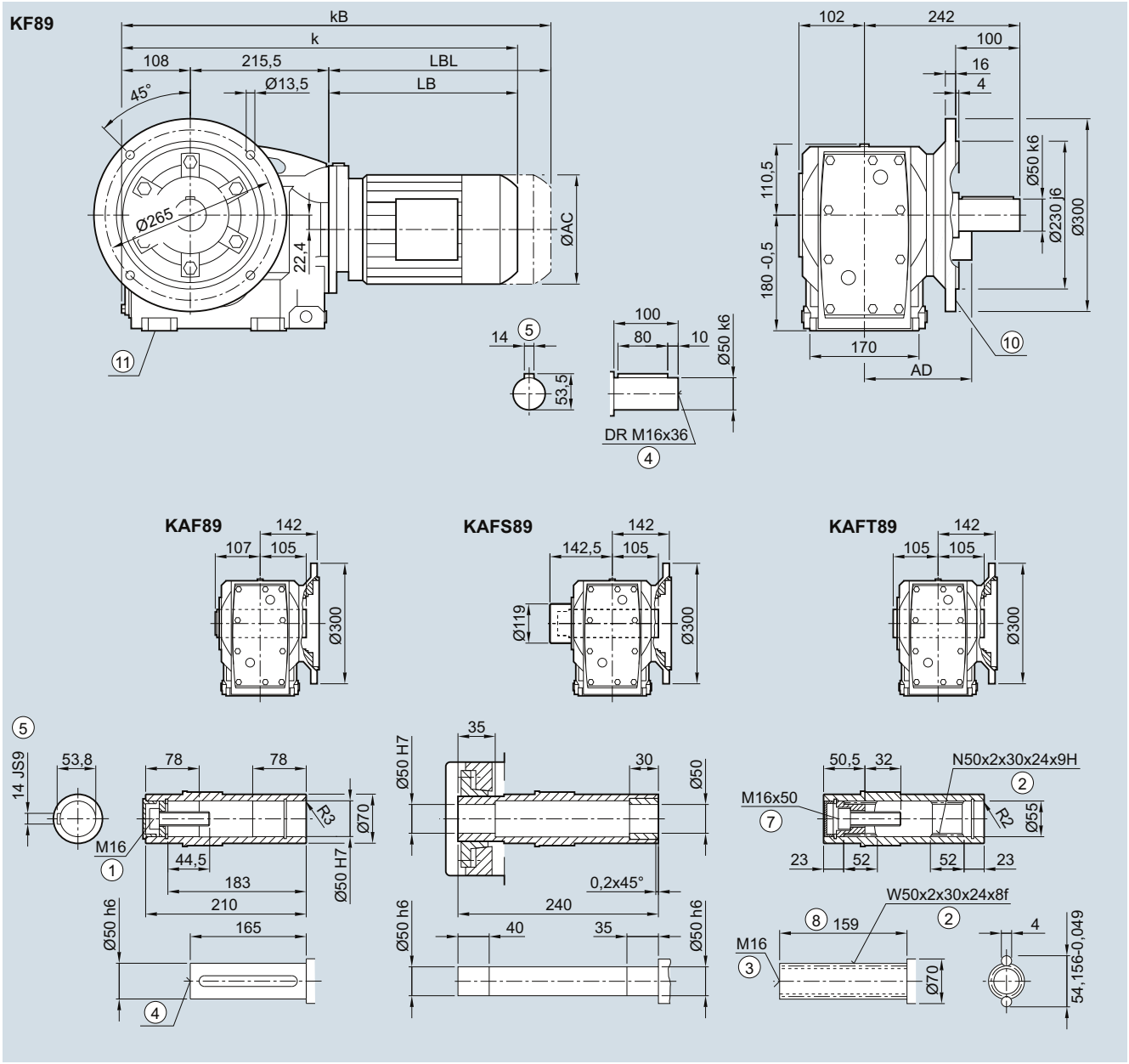
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

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

Dimensions

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

KF030, KAF030, KAFS030, KAFT030

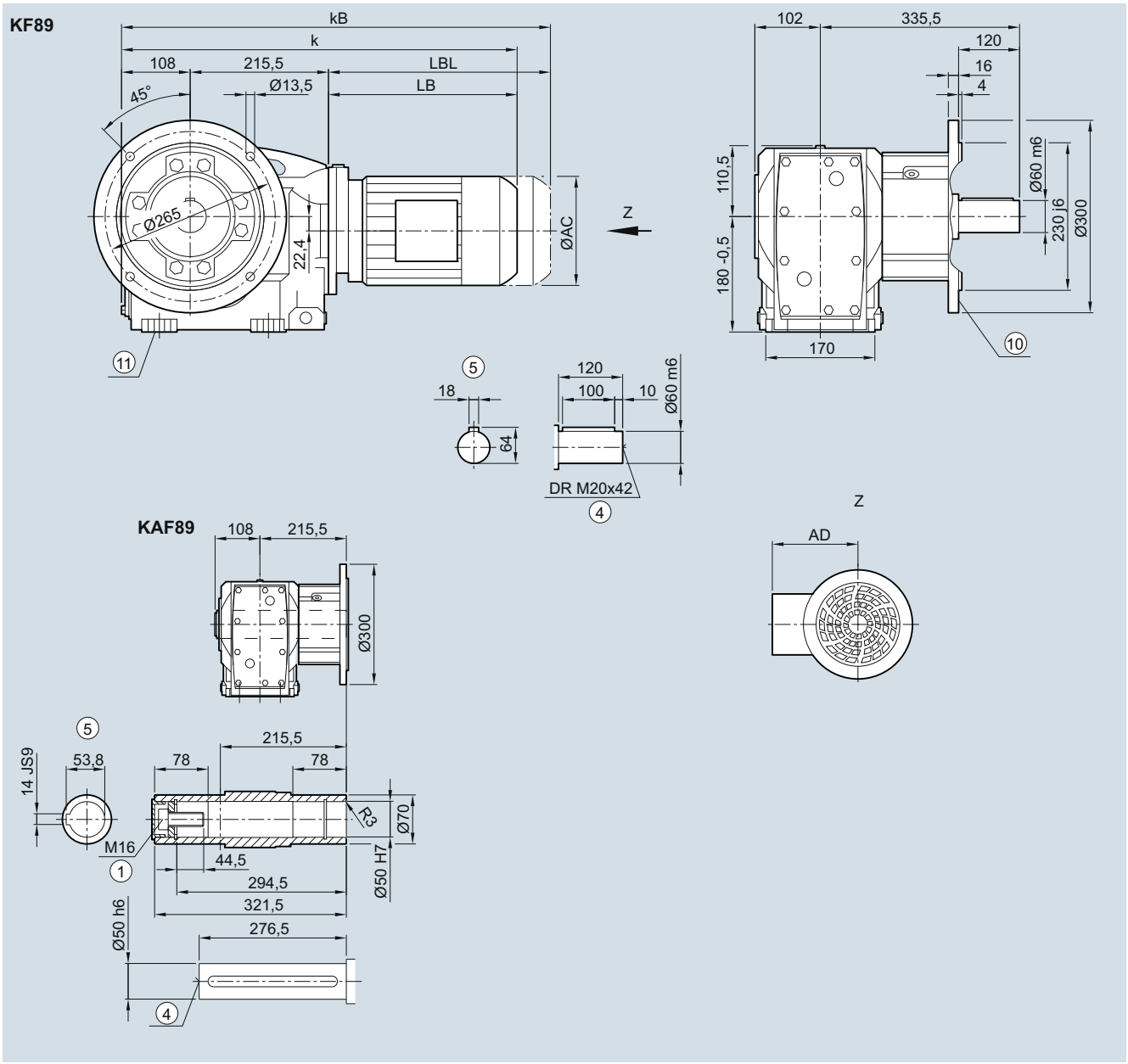


Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0
AD[1)]	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0
k	538.0	557.0	598.0	633.0	659.5	699.5	716.0	751.0	726.0	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.

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

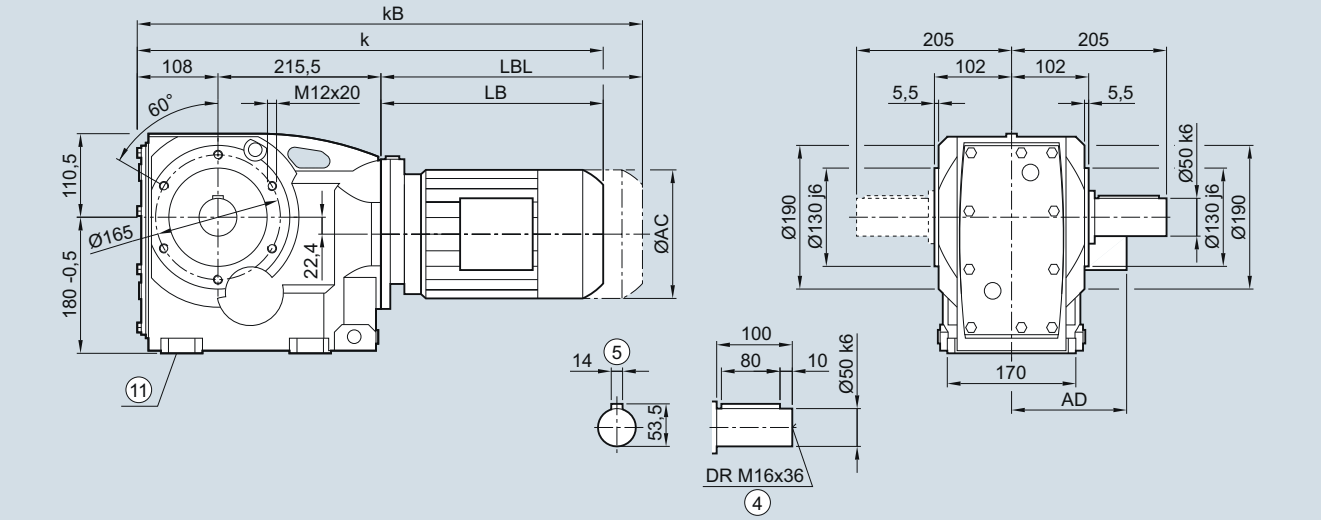
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1
⑪ Use bores only for foot-mounted design
⑩ For inner contour see page 5/141
1) AD depends on the motor options, for other dimensions see page 8/42.

5

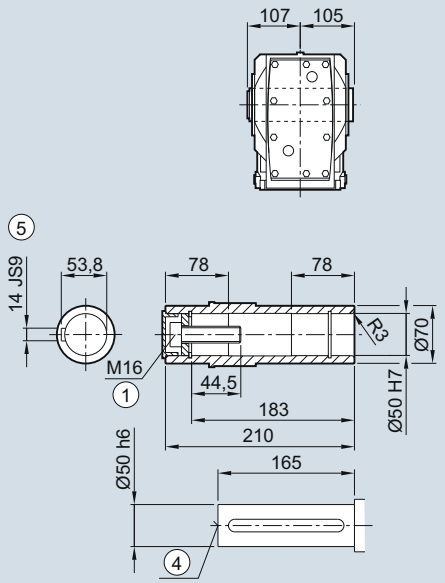
K.Z.89 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

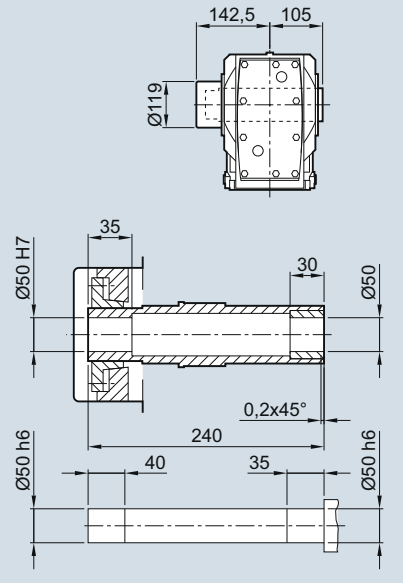
KZ89



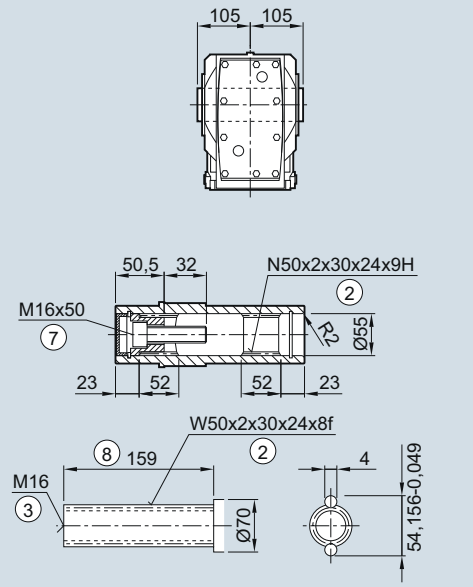
KAZ89



KAZS89



KAZT89



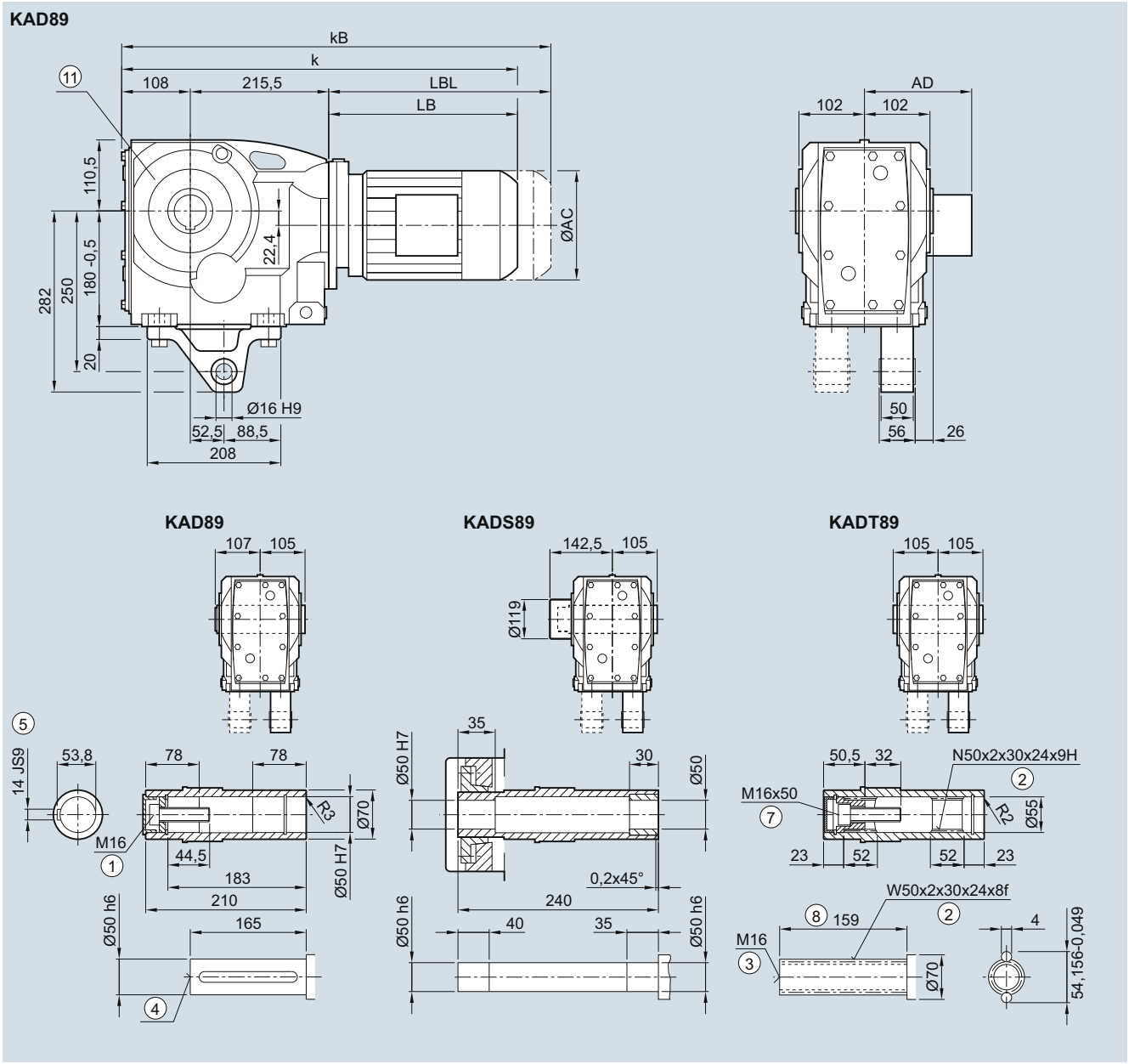
Motor	LA 71	71Z	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z
AC	138.8	138.8	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0
AD[1)]	134.0	134.0	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0
k	538.0	557.0	598.0	633.0	659.5	699.5	716.0	751.0	726.0	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
⑪ 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
⑪ Use bores only for housing flange design

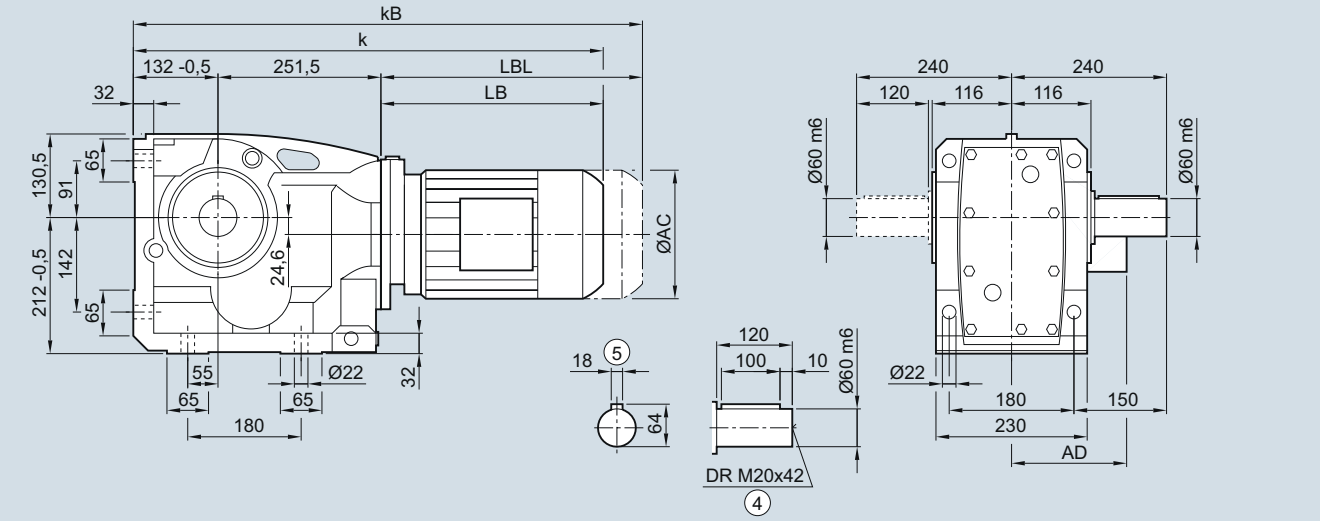
1) AD depends on the motor options, for other dimensions see page 8/42.

5

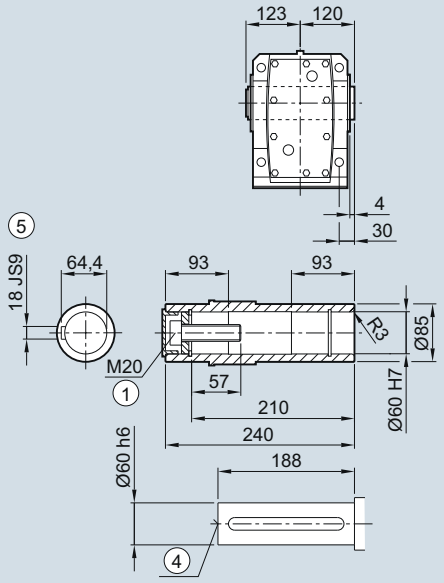
K..109 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

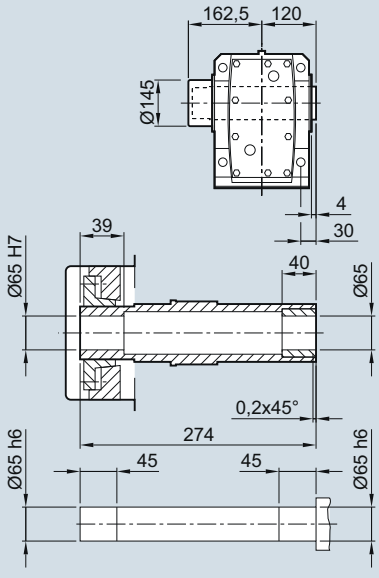
K109



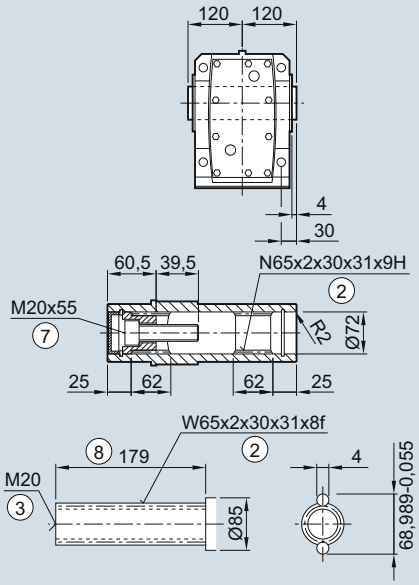
KA109



KAS109



KAT109



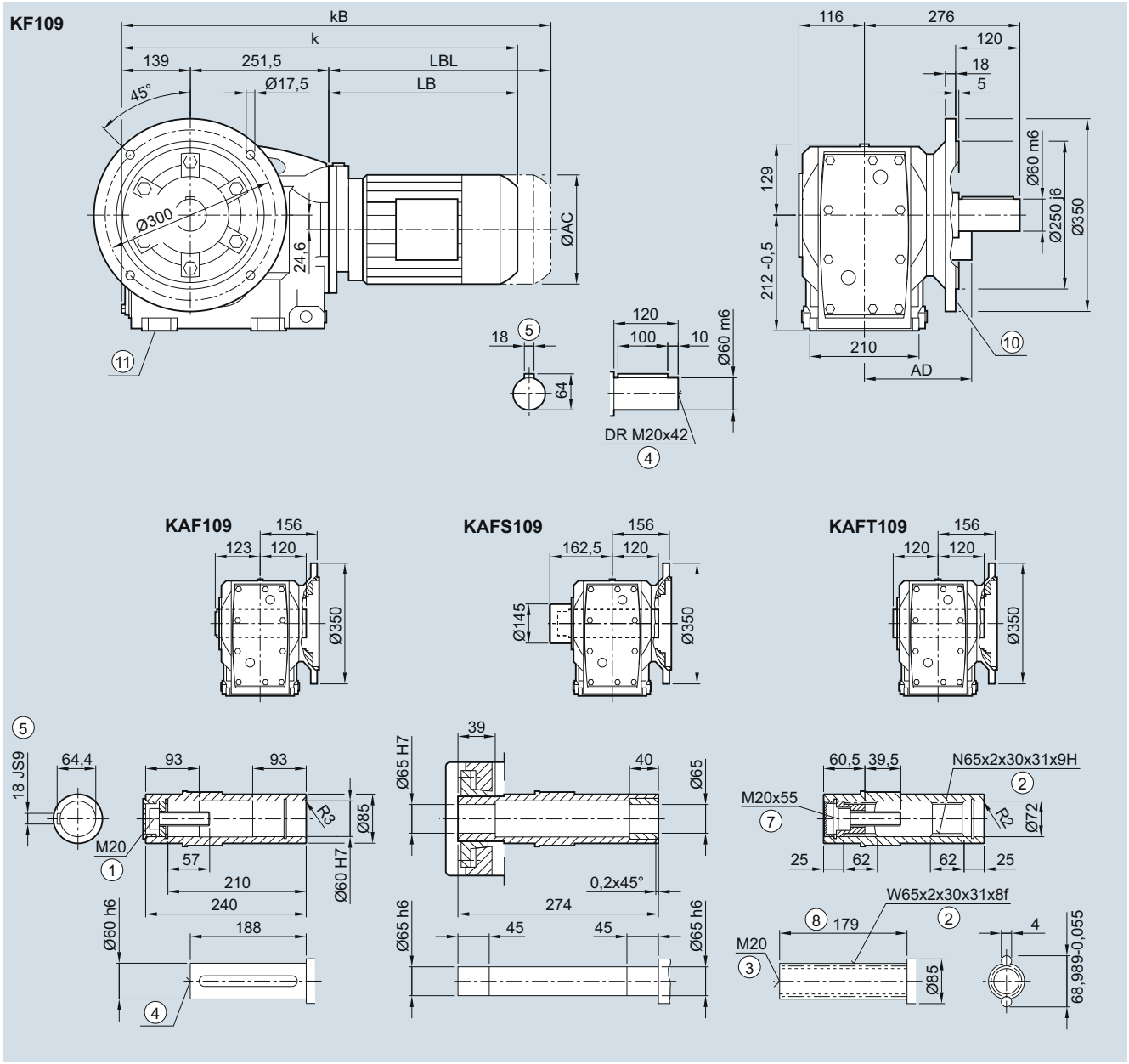
Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD[1)]	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	645.0	680.0	706.5	746.5	759.0	794.0	769.0	794.0	822.0	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 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.109 gearbox in a flange-mounted design

KF030, KAF030, KAFS030, KAFT030



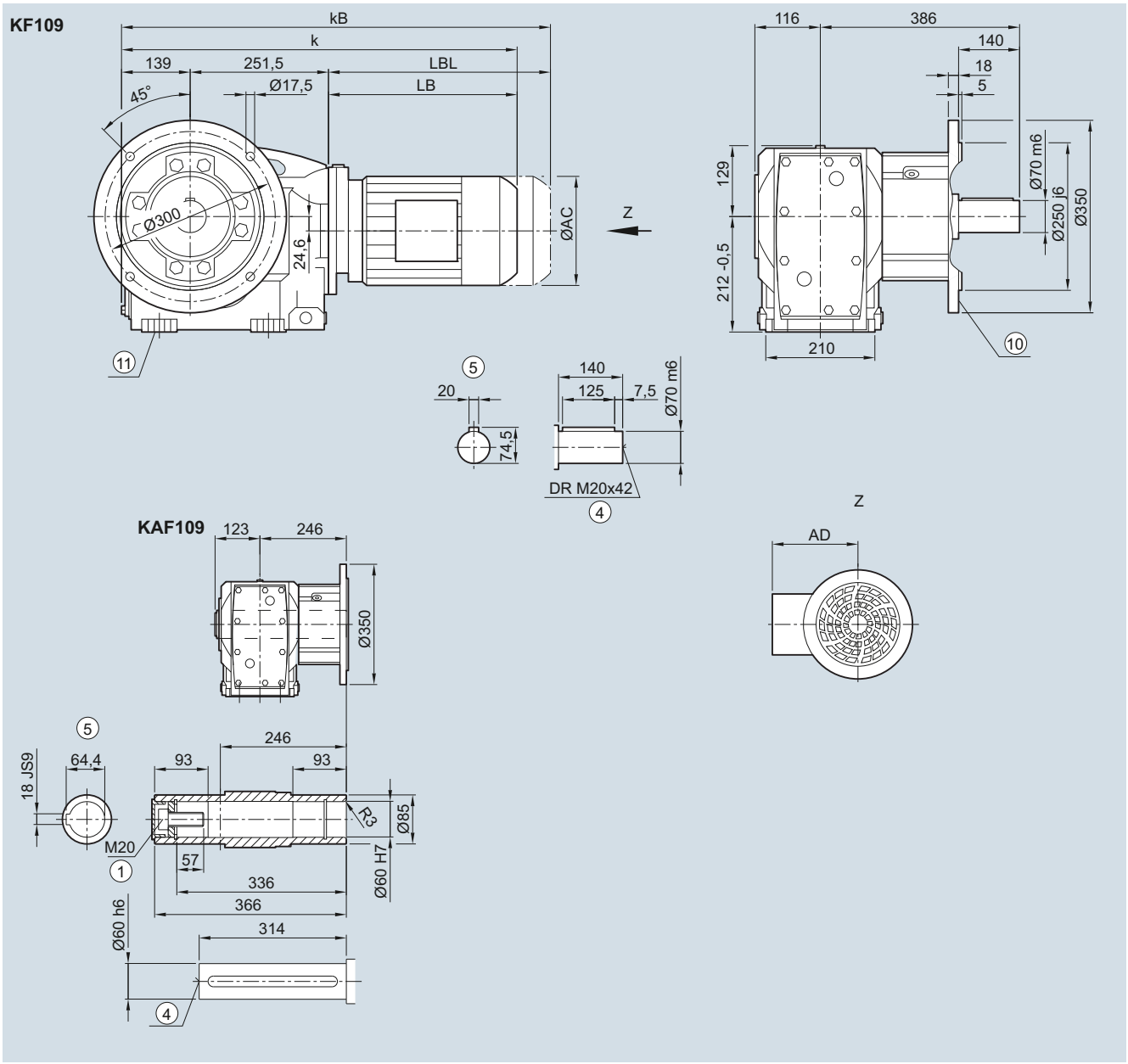
Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD[1)]	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0	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
1) AD depends on the motor options, for other dimensions see page 8/42.

5

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

KF040, KAF040



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

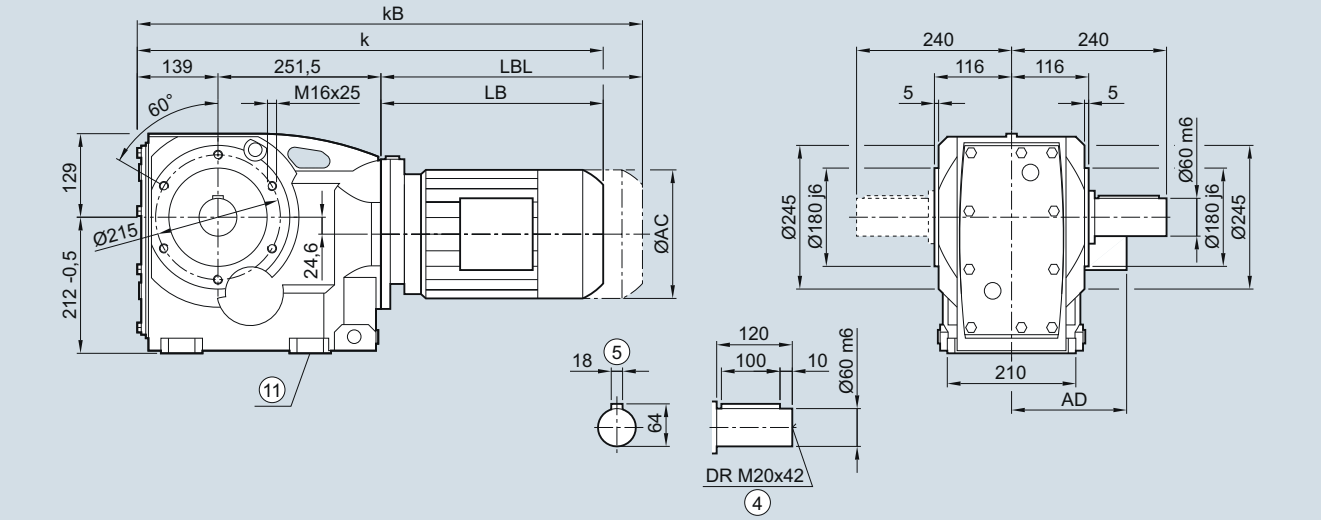
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑪ Use bores only for foot-mounted design
⑩ For inner contour see page 5/141
1) AD depends on the motor options, for other dimensions see page 8/42.

5

K.Z.109 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

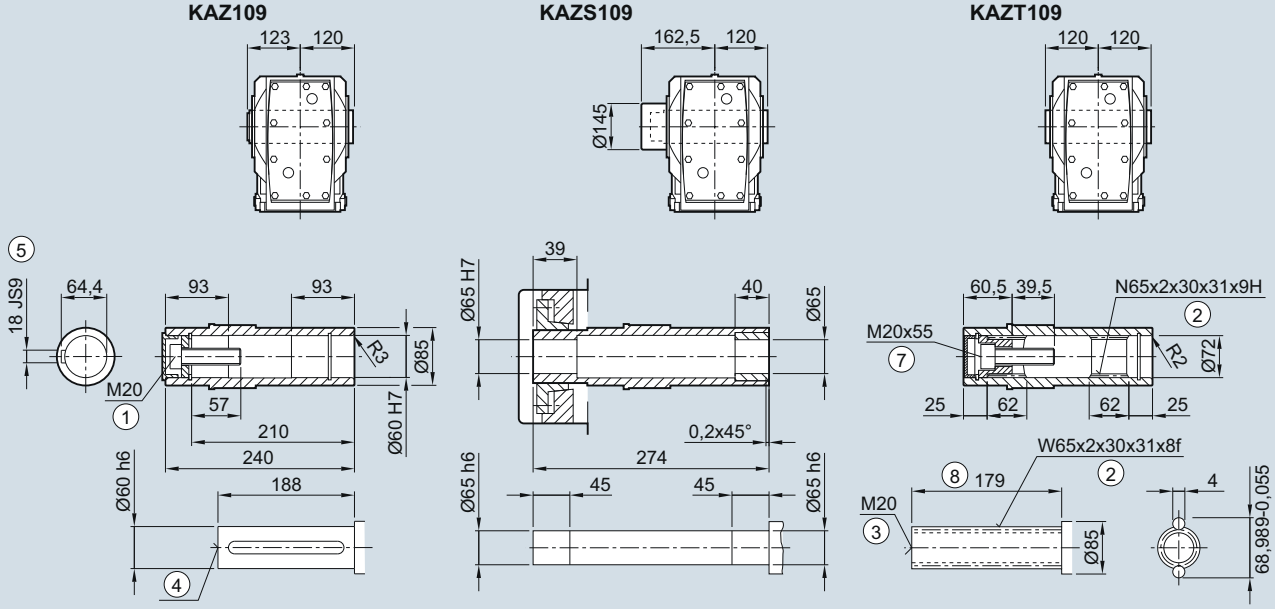
KZ109



KAZ109

KAZS109

KAZT109



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

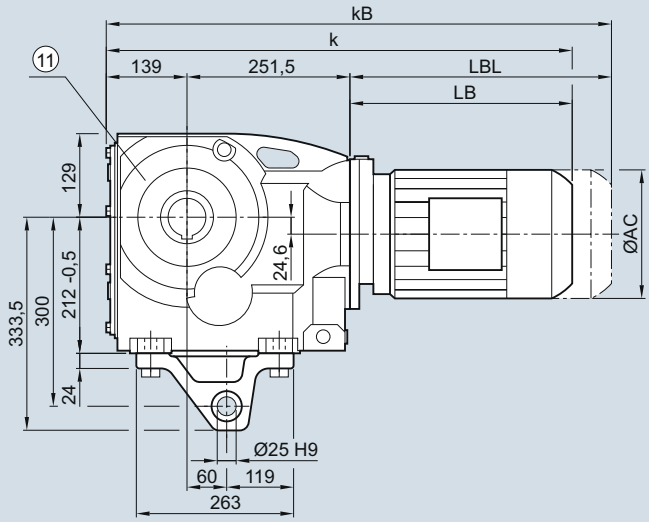
[1)] AD depends on the motor options, for other dimensions see page 8/42.

5

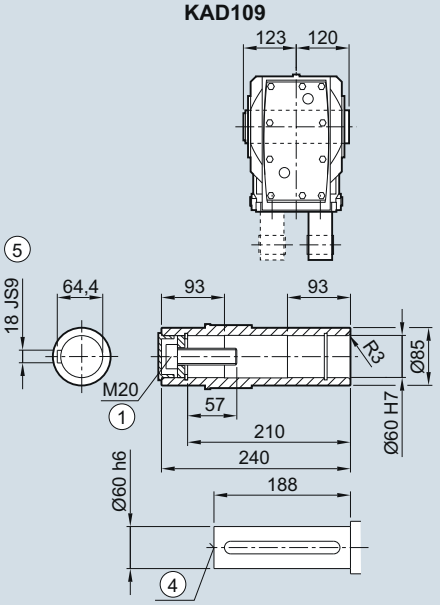
KAD.109 gearbox in a shaft-mounted design

KAD030, KADS030, KADT030

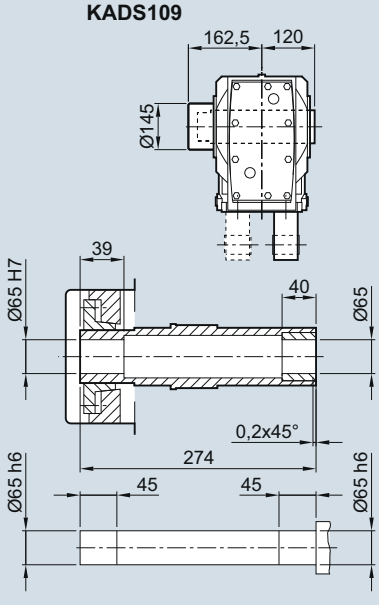
KAD109



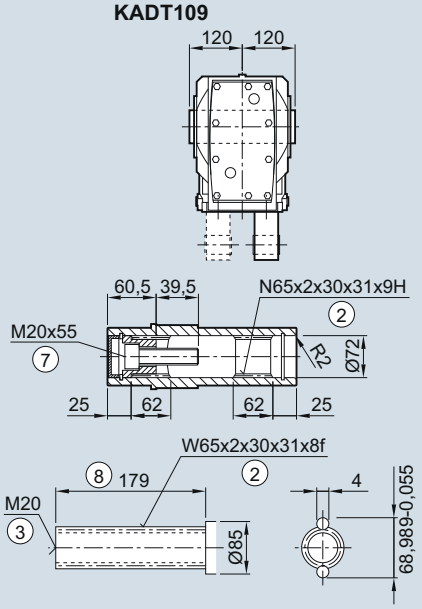
KAD109



KADS109



KADT109



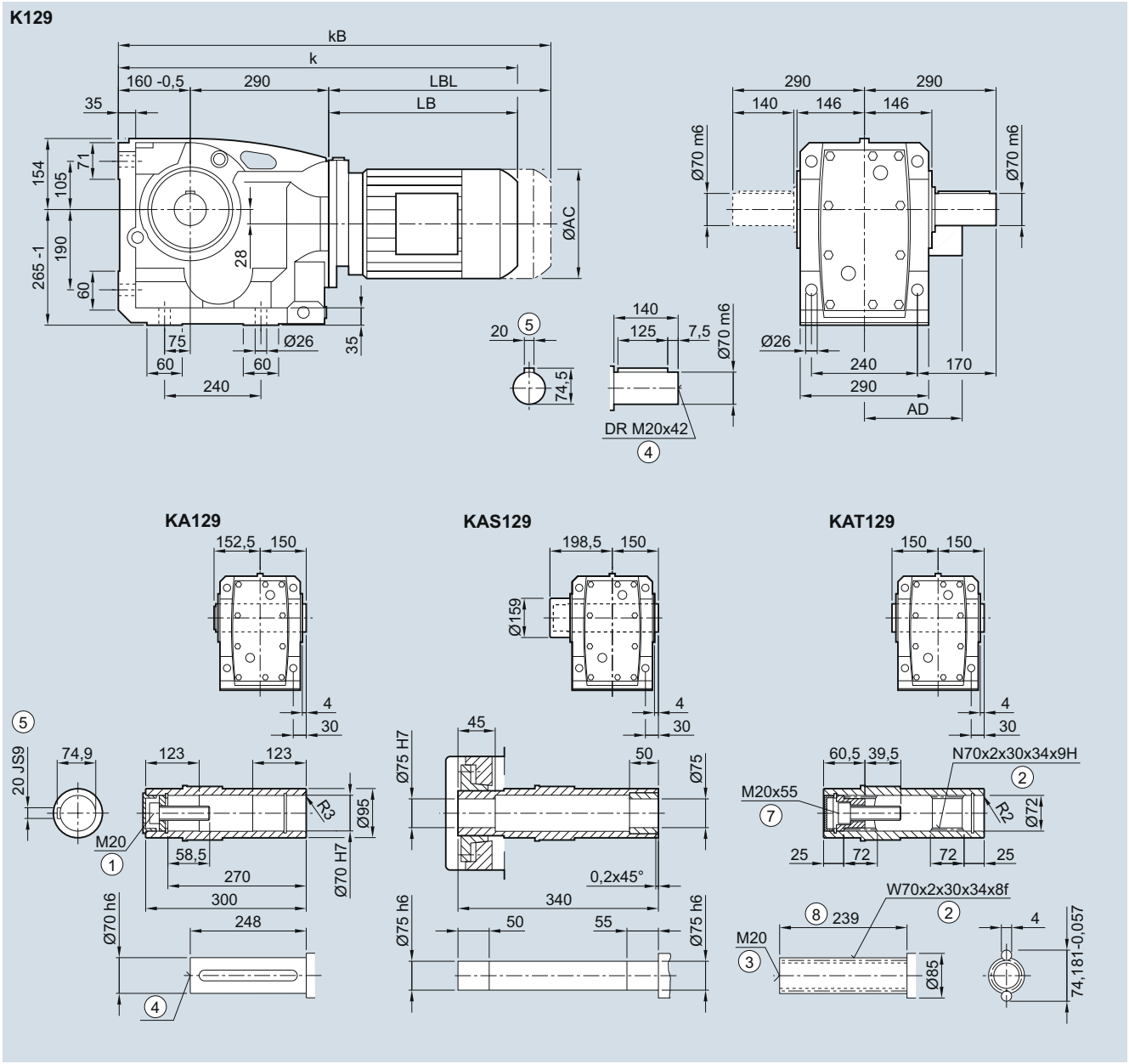
Motor	LE 80	80Z	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z
AC	156.3	156.3	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5
AD[1)]	149.2	149.2	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0
k	652.0	687.0	713.5	753.5	766.0	801.0	776.0	801.0	829.0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

[1)] 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



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	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

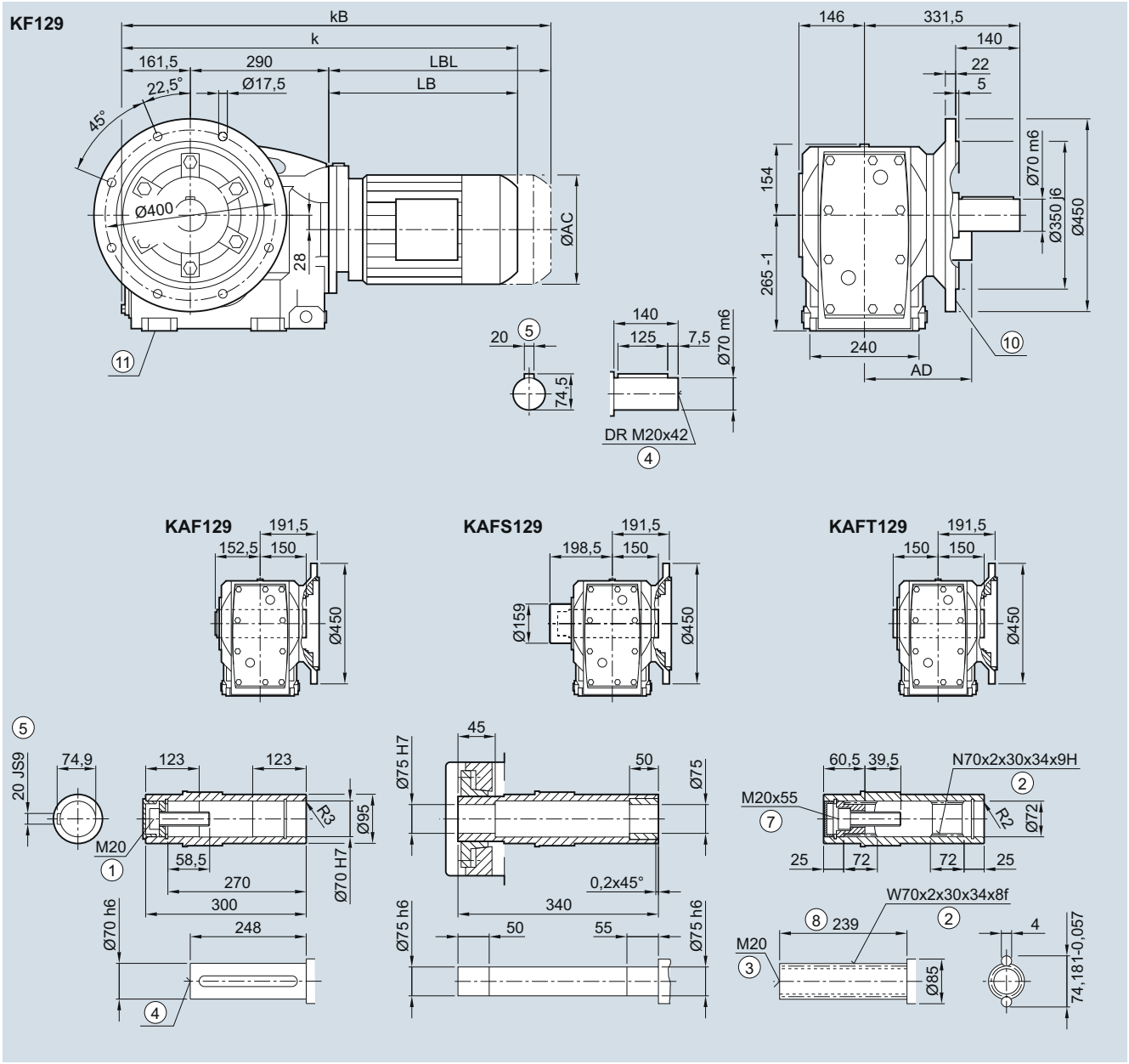
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

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

Dimensions

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

KF030, KAF030, KAFS030, KAFT030

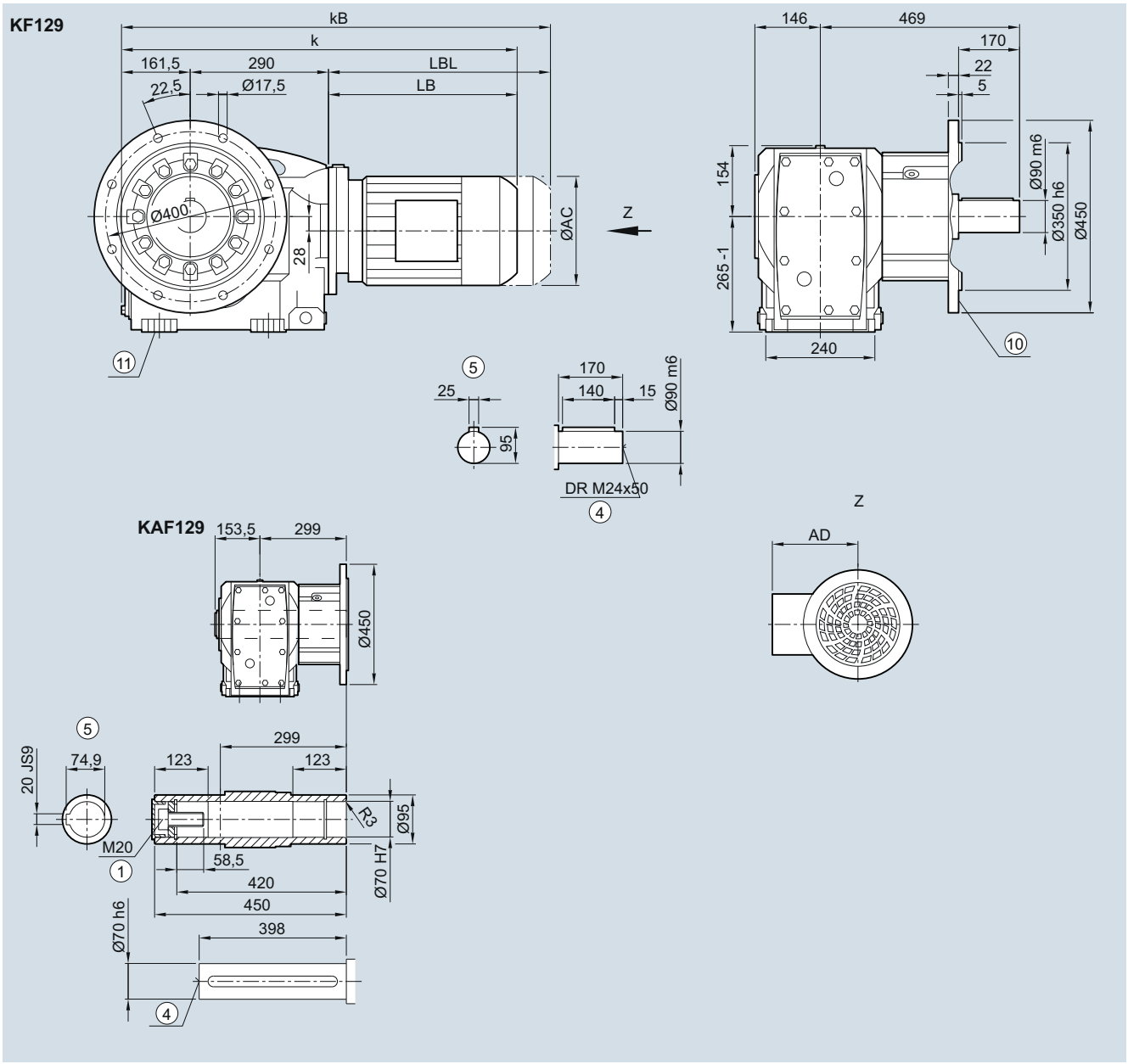


Motor	LE										LES					
	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD[1)]	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0
k	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 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

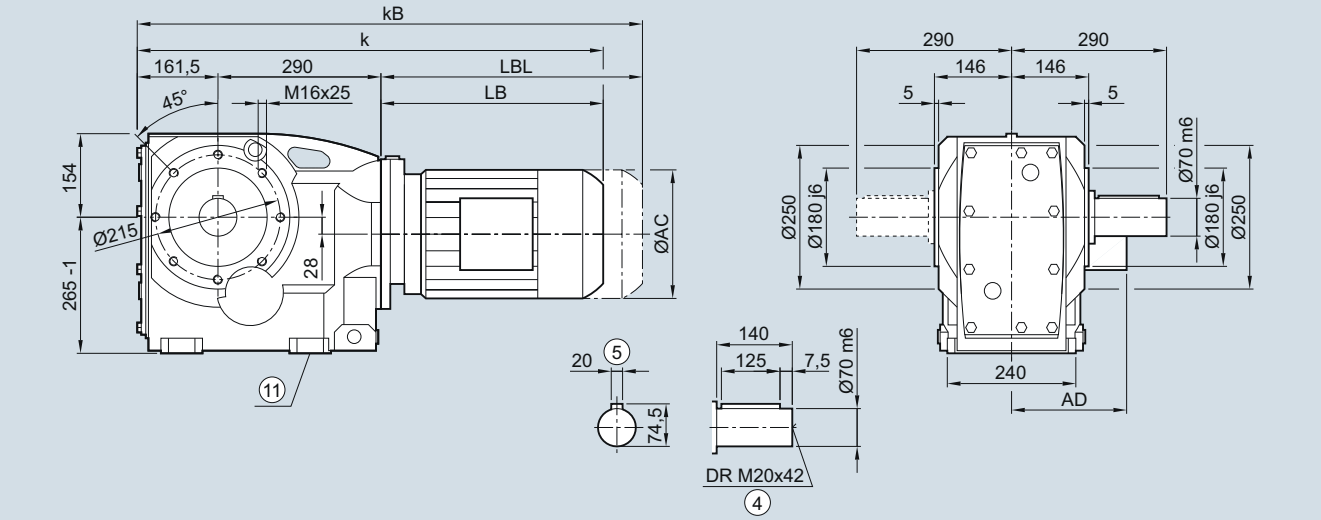
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑪ Use bores only for foot-mounted design
⑩ For inner contour see page 5/141
1) AD depends on the motor options, for other dimensions see page 8/42.

5

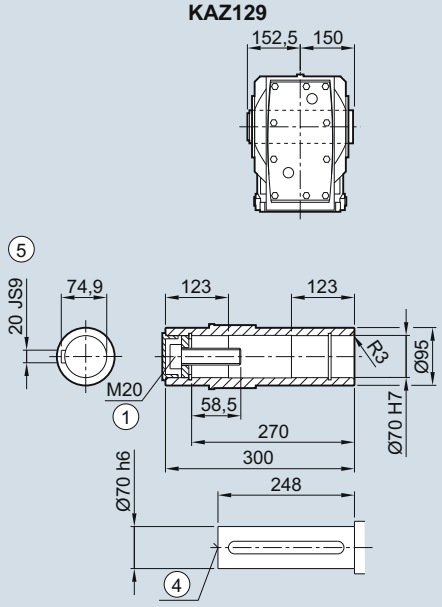
K.Z.129 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

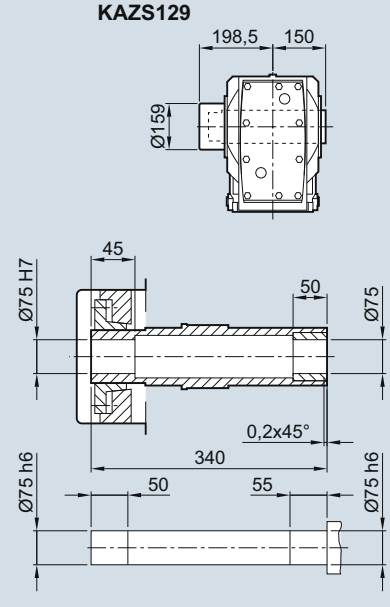
KZ129



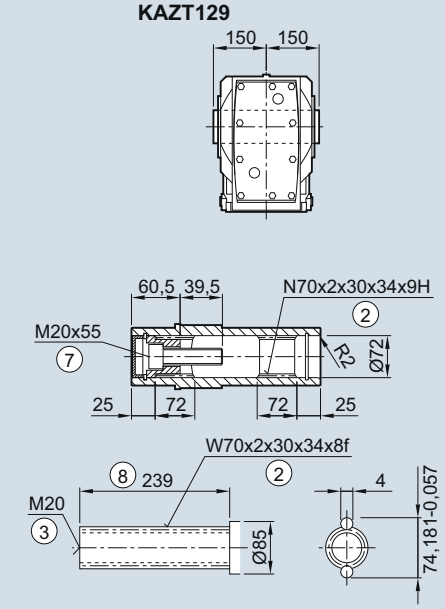
KAZ129



KAZS129



KAZT129



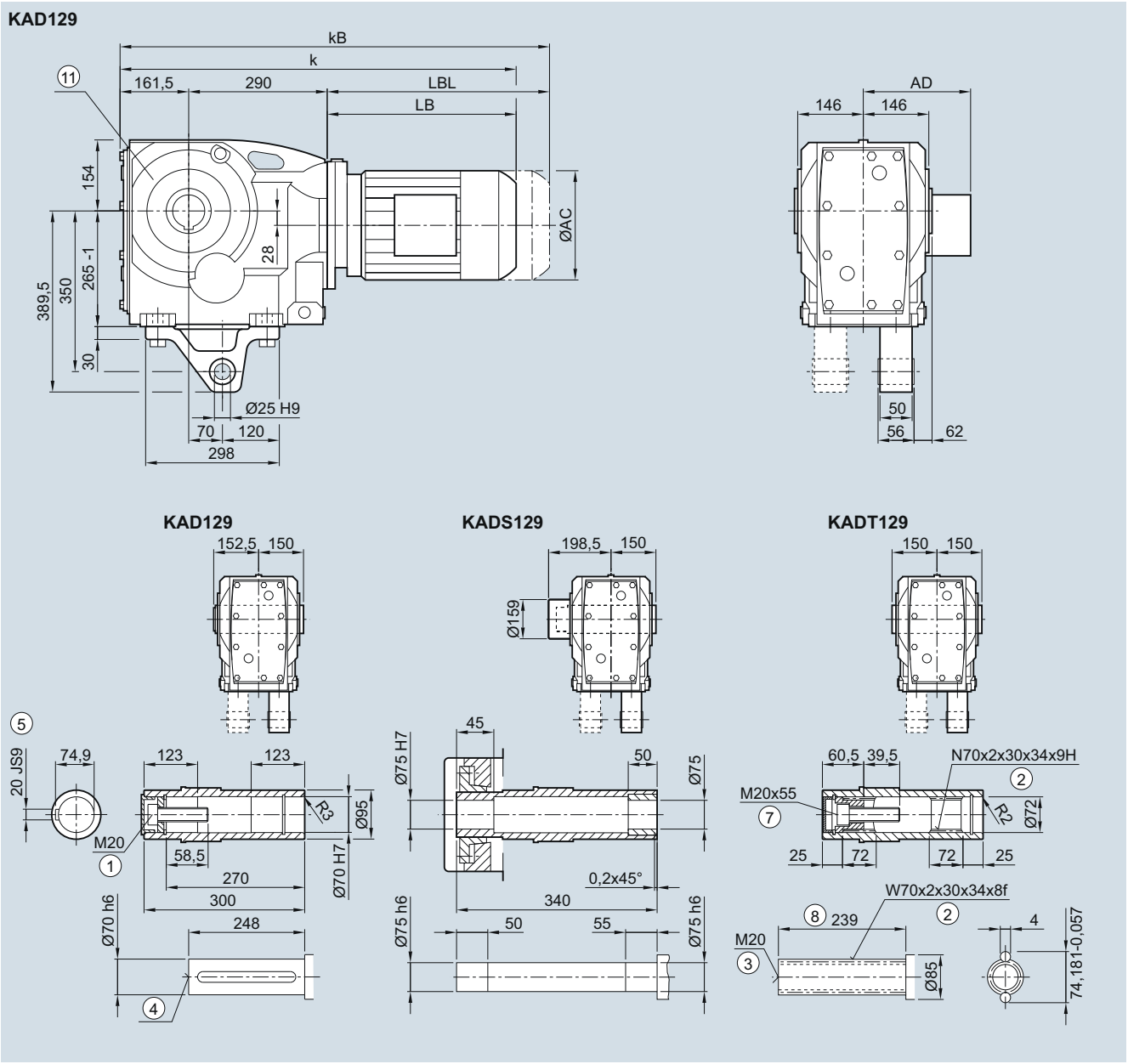
Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0
AD[1)]	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0
k	767.5	807.5	818.0	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 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.

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 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for housing flange design

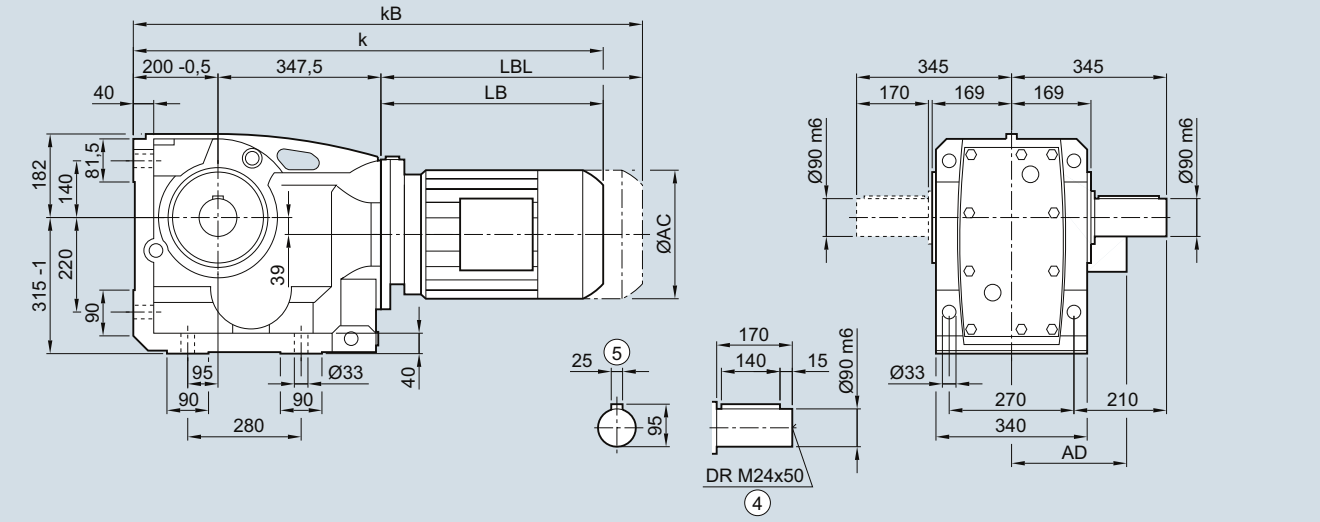
[1)] AD depends on the motor options, for other dimensions see page 8/42.

5

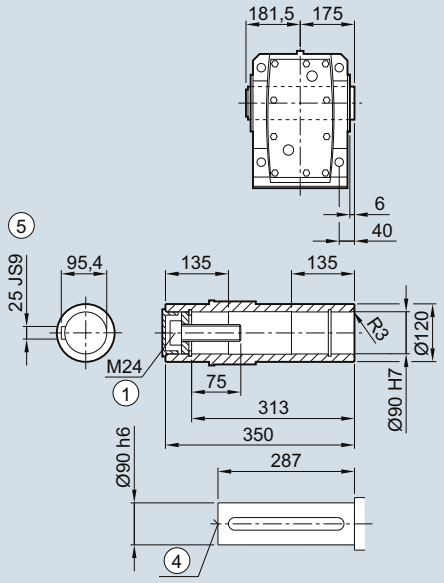
K..149 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

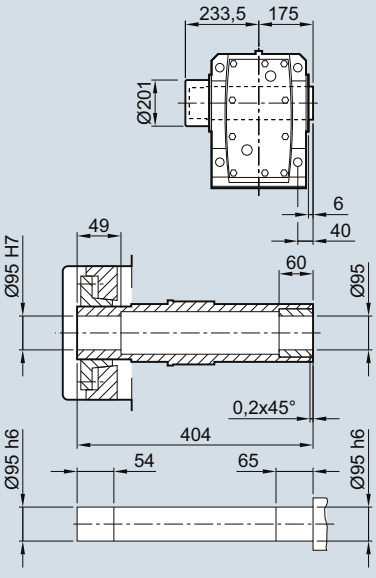
K149



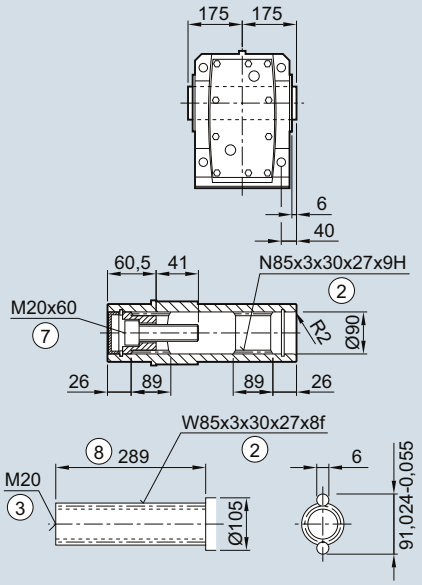
KA149



KAS149



KAT149



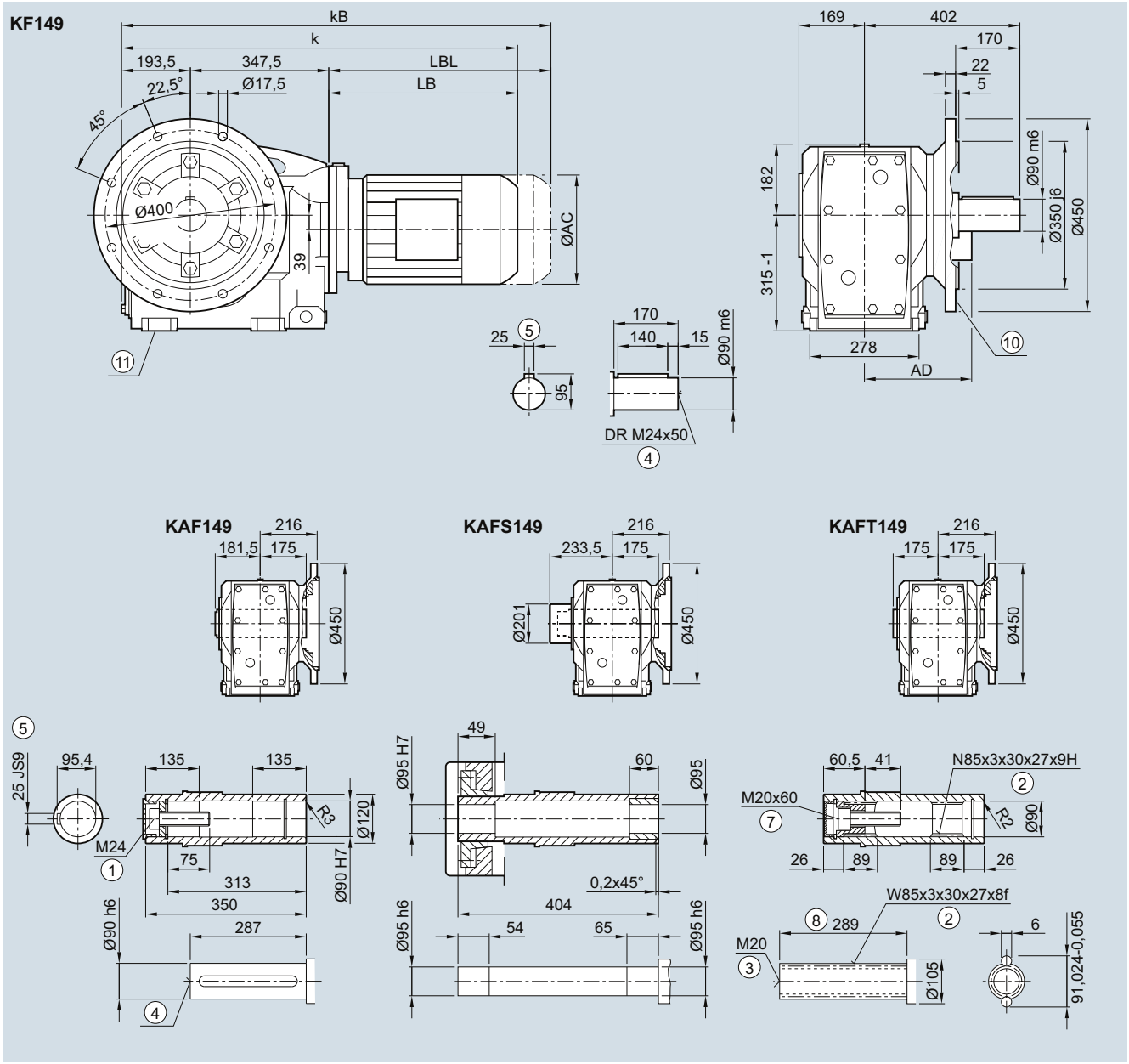
Motor	LE										LES						
	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y	250
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	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



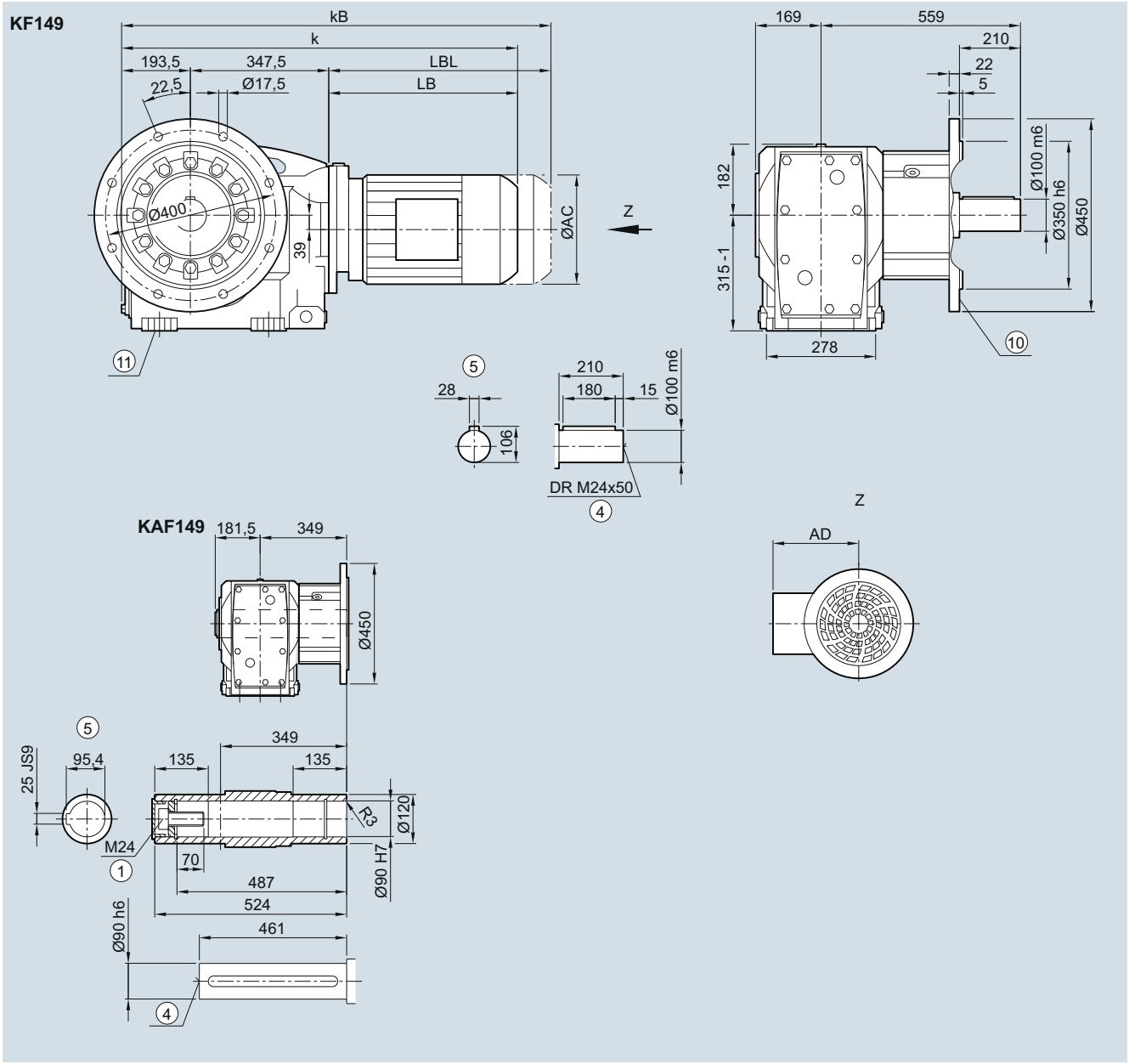
Motor	LE										LES						
	90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y	250
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	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

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.

5

K.F.149 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	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

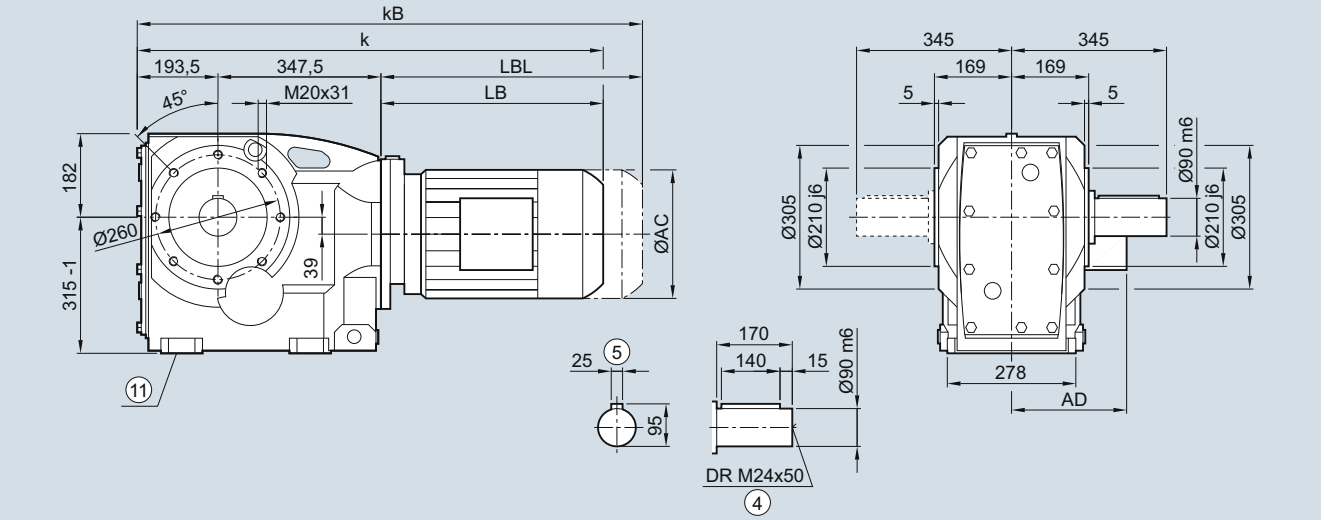
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑪ Use bores only for foot-mounted design
⑩ For inner contour see page 5/141
1) AD depends on the motor options, for other dimensions see page 8/42.

5

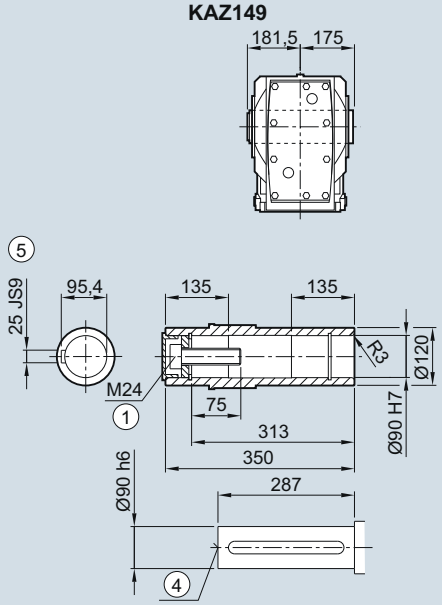
K.Z.149 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

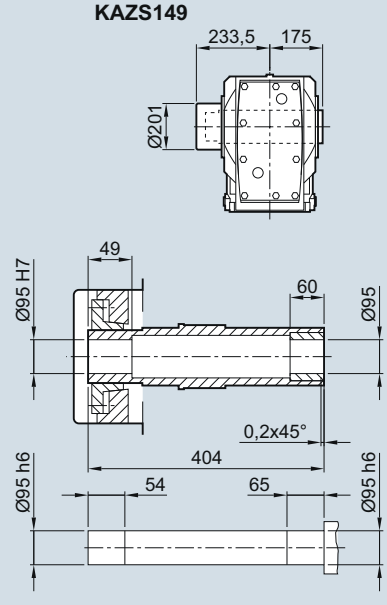
KZ149



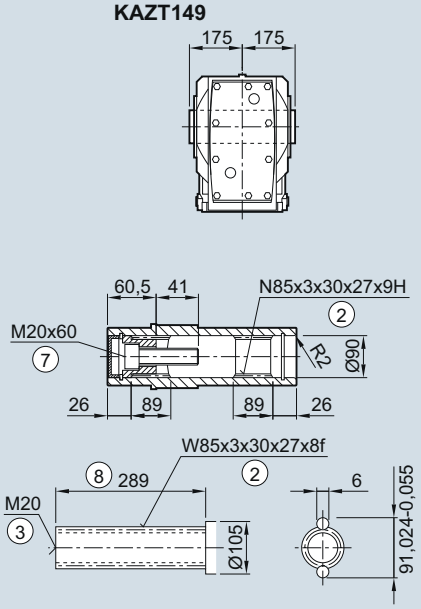
KAZ149



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
⑪ Use bores only for foot-mounted design

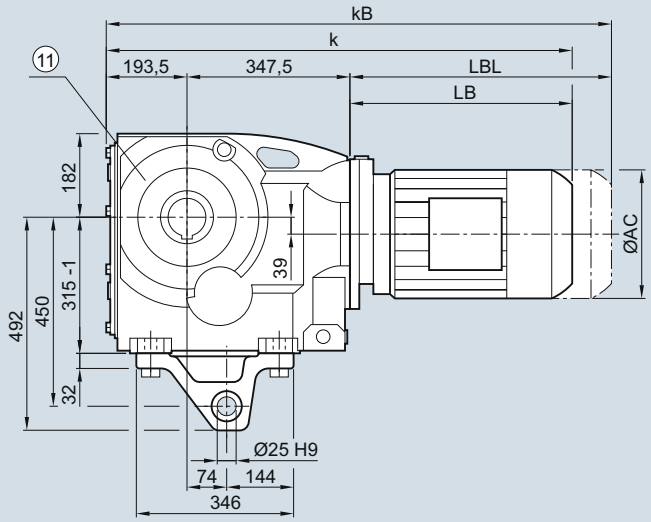
[1)] AD depends on the motor options, for other dimensions see page 8/42.

Dimensions

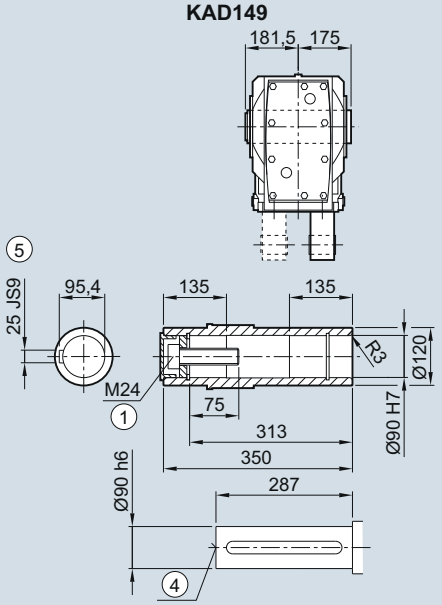
KAD.149 gearbox in a shaft-mounted design

KAD031, KADS031, KADT031

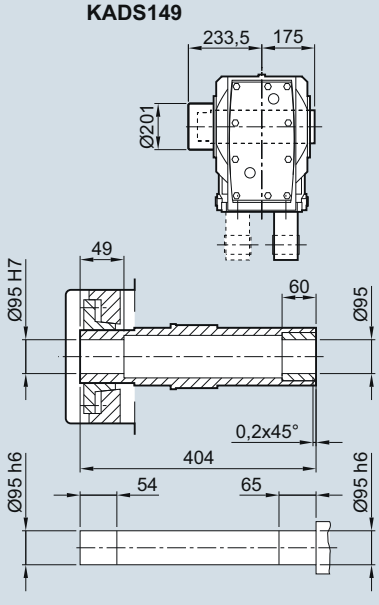
KAD149



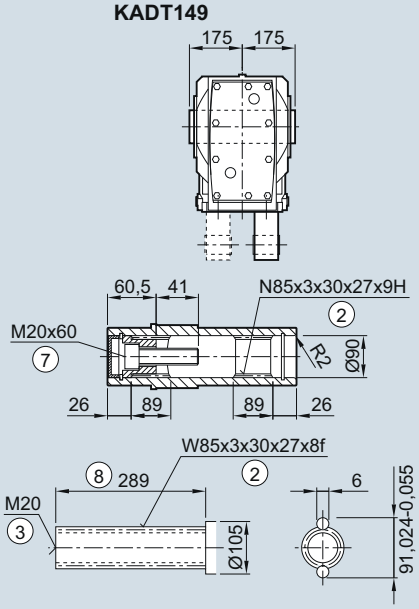
KAD149



KADS149



KADT149



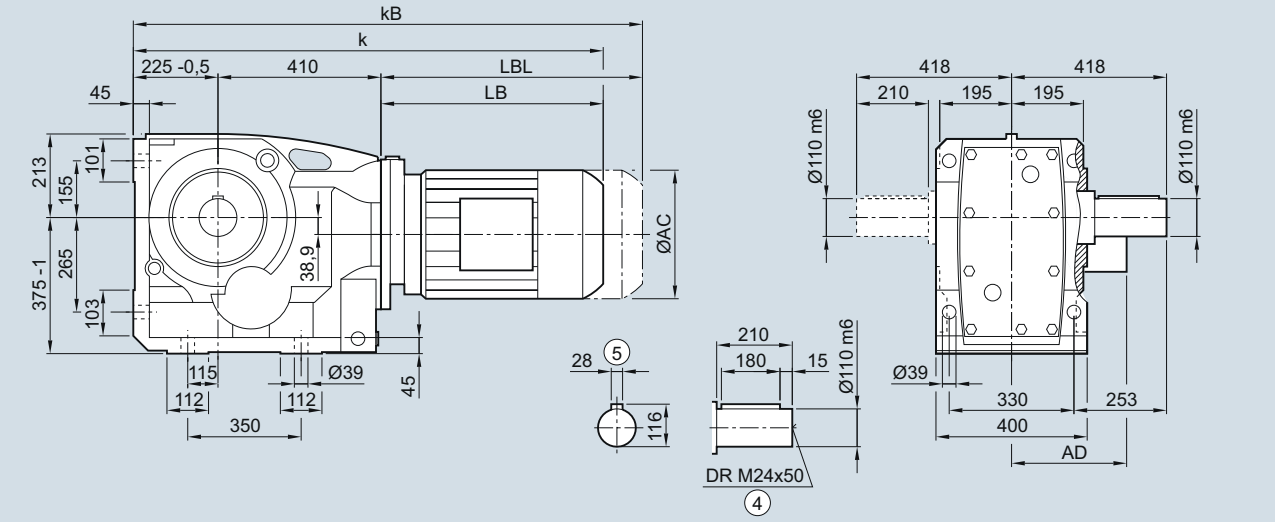
Motor	LE 90	90Z	100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	173.8	173.8	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	154.2	154.2	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
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
⑪ Use bores only for housing flange design
1) AD depends on the motor options, for other dimensions see page 8/42.

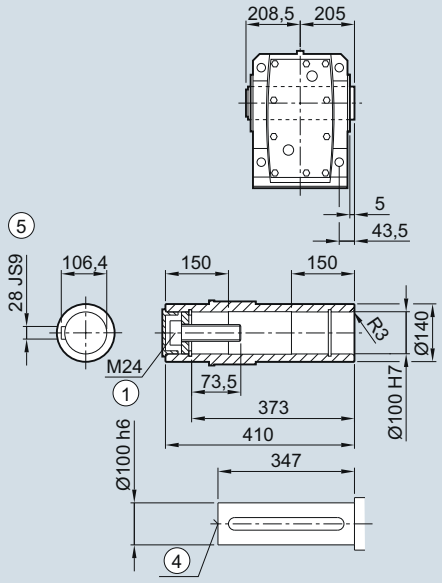
K..169 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

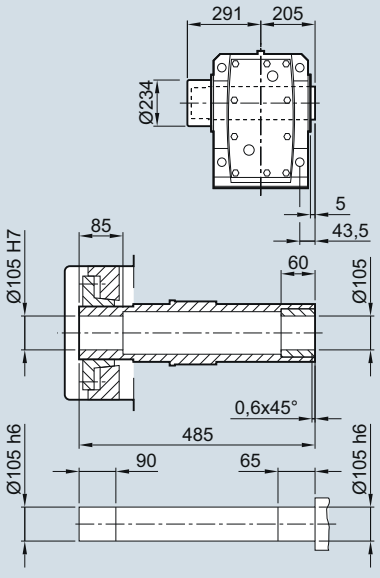
K169



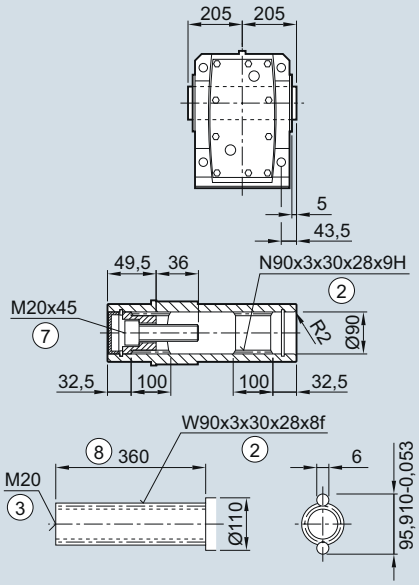
KA169



KAS169



KAT169



Motor	LE								LES						
	100	100Z	112	112Z	132	132Z	160	160Z	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

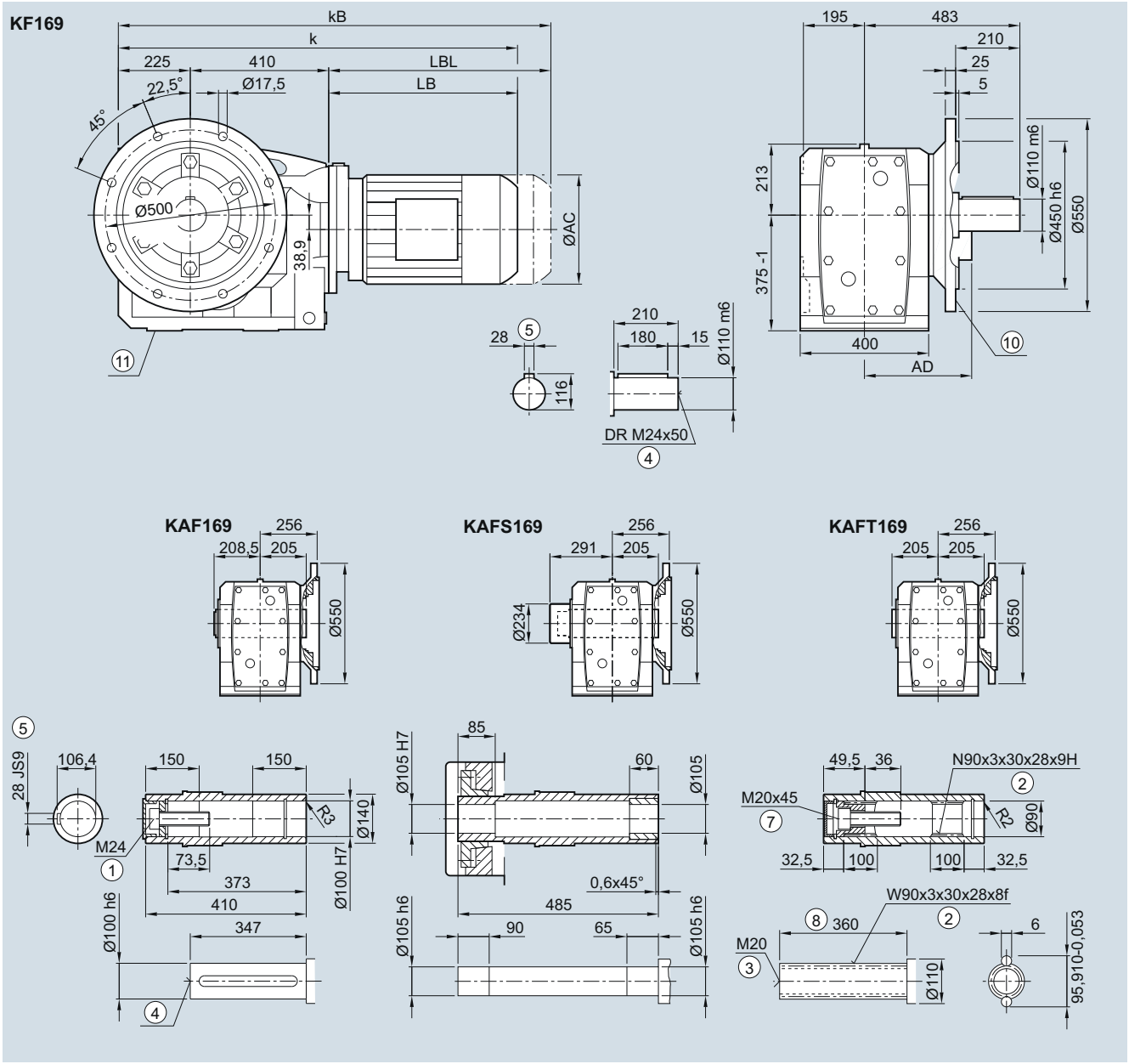
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm

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

Dimensions

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

KF030, KAF030, KAFS030, KAFT030

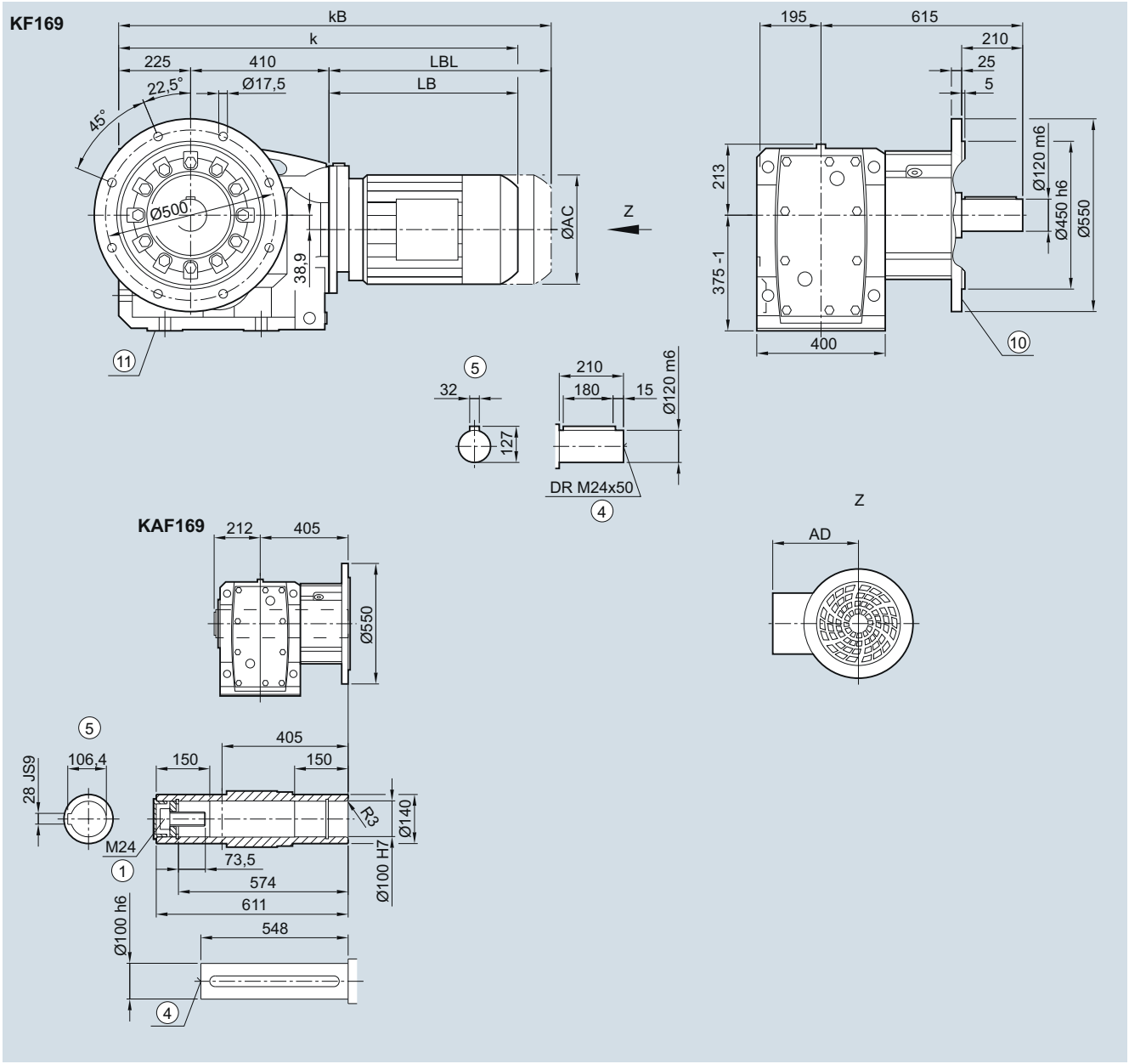


Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1026.0	1001.0	1026.0	1047.0	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.

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

KF040, KAF040



Motor	LE								LES						
	100	100Z	112	112Z	132	132Z	160	160Z	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

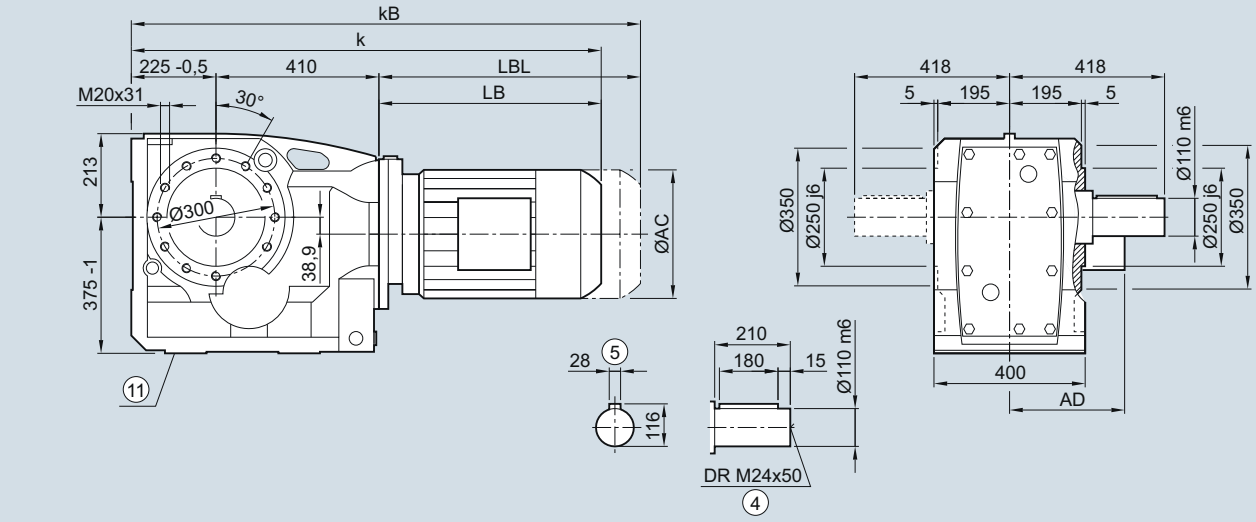
① ISO 4014 ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑪ Use bores only for foot-mounted design
⑩ For inner contour see page 5/141
1) AD depends on the motor options, for other dimensions see page 8/42.

5

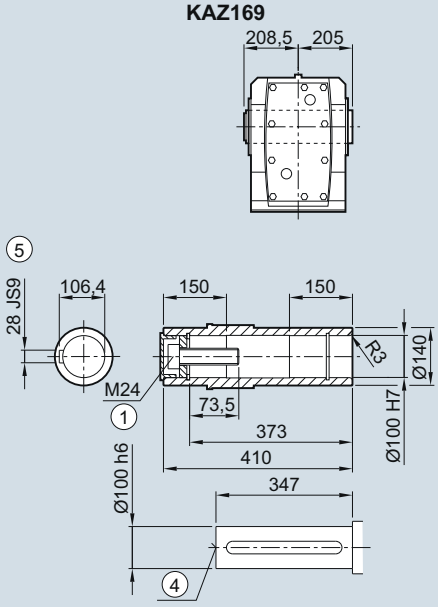
K.Z.169 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

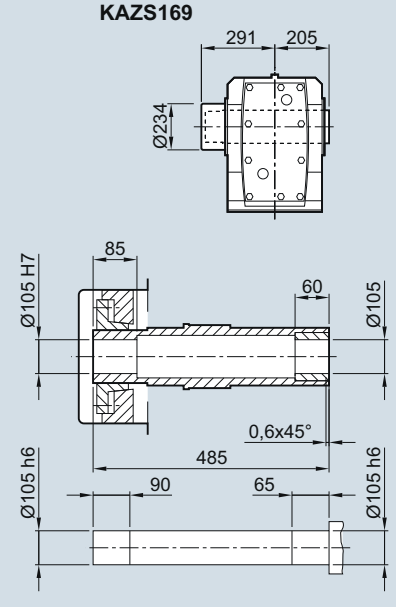
KZ169



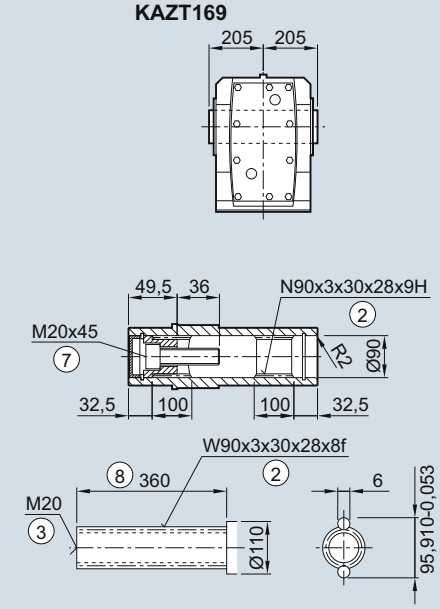
KAZ169



KAZS169



KAZT169



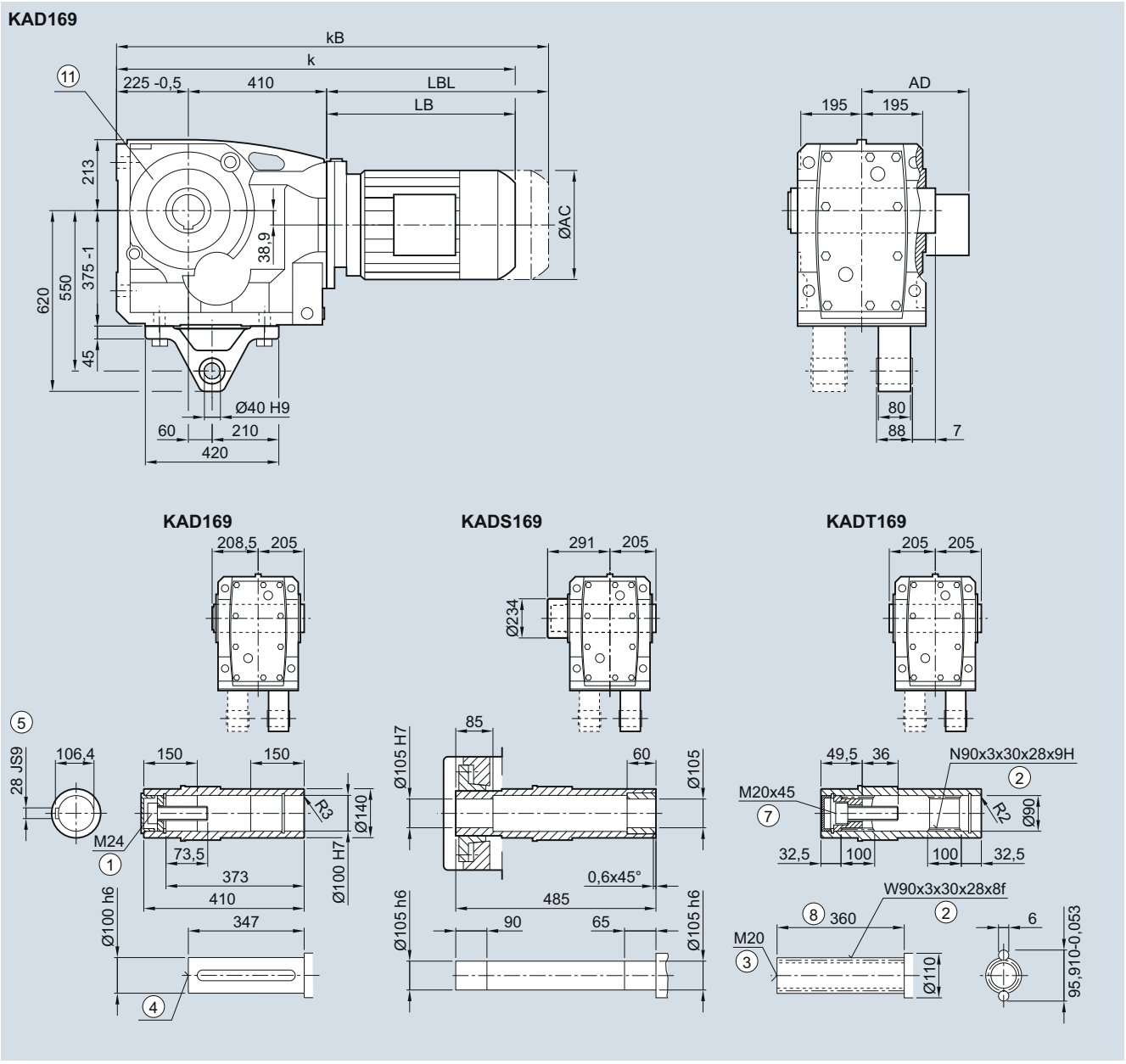
Motor	LE 100	100Z	112	112Z	132	132Z	160	160Z	LES 180	180Z	200	200Z	225	225Y	250
AC	198.0	198.0	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	170.5	170.5	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	991.0	1026.0	1001.0	1026.0	1047.0	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
⑪ 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



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

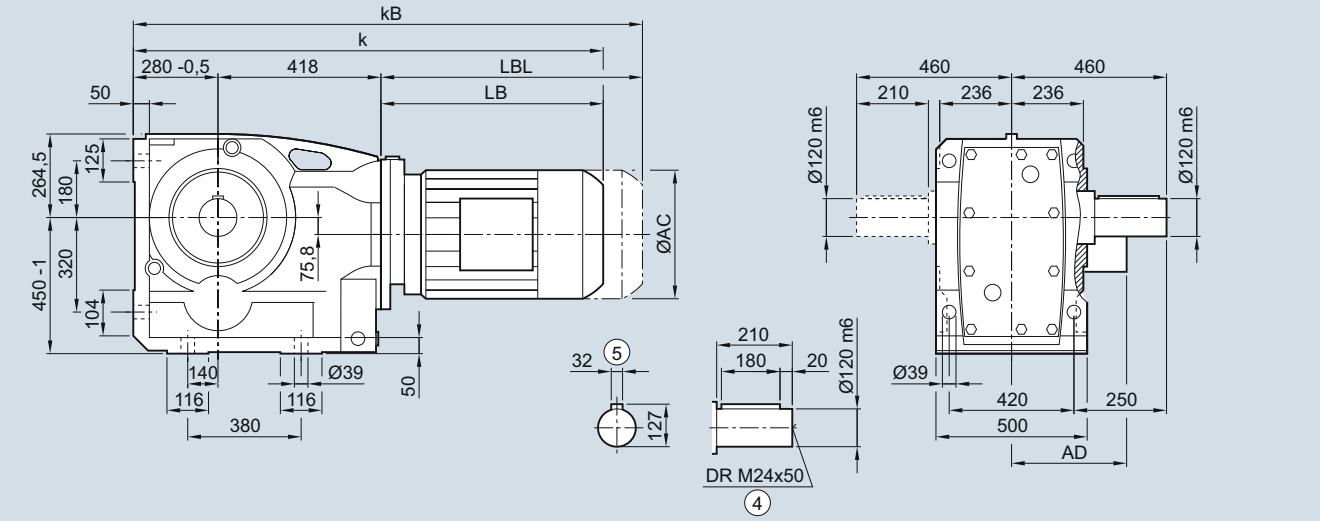
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for housing flange design
1) AD depends on the motor options, for other dimensions see page 8/42.

5

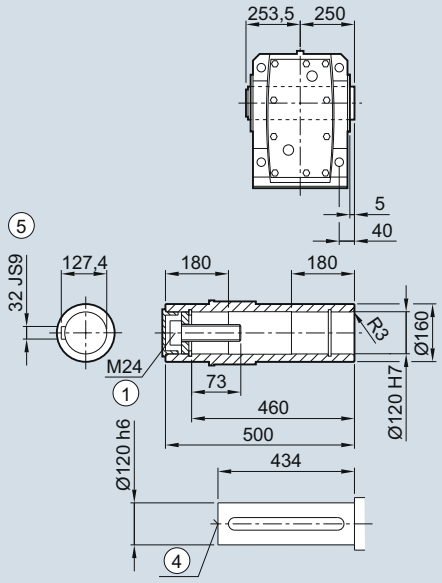
K..189 gearbox in a foot-mounted design

K030, KA030, KAS030, KAT030

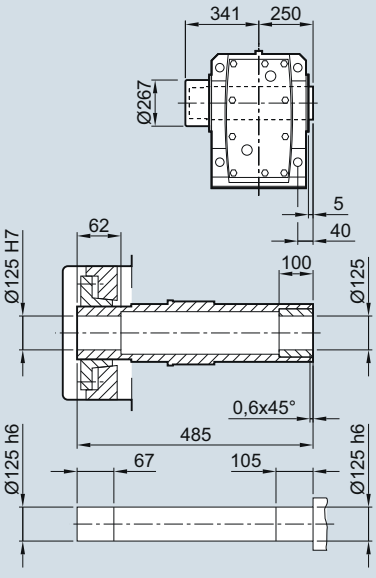
K189



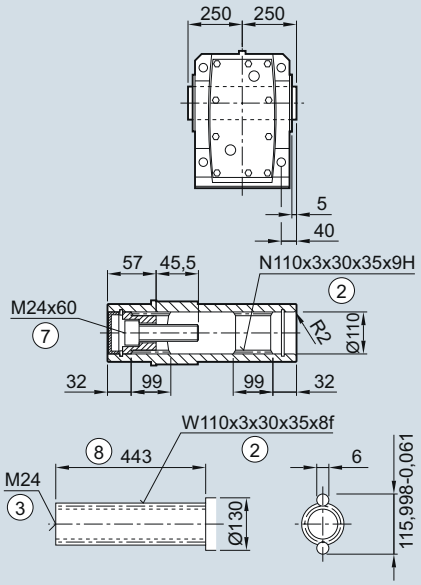
KA189



KAS189



KAT189



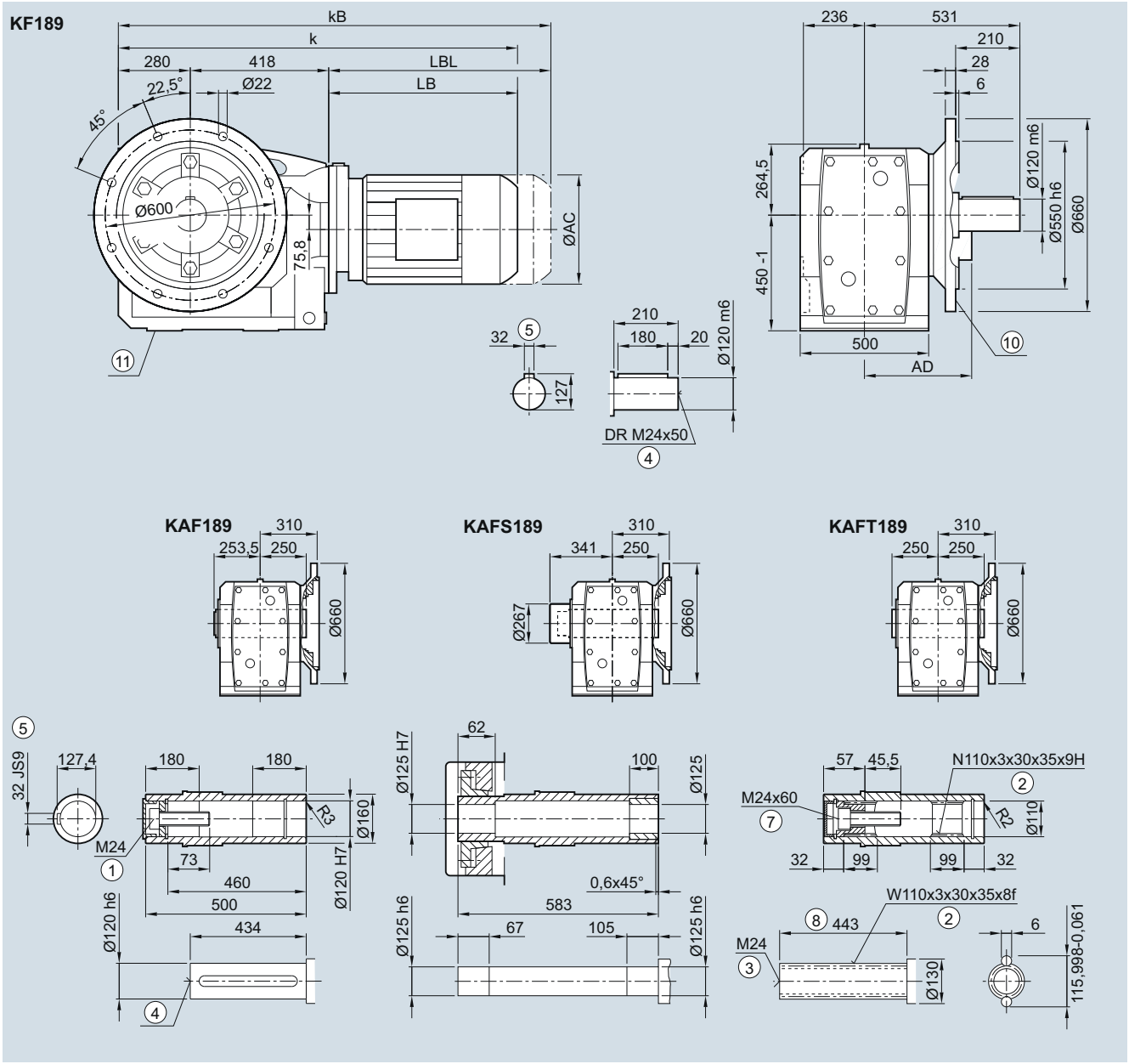
Motor	LE						LES						
	112	112Z	132	132Z	160	160Z	180	180Z	200	200Z	225	225Y	250
AC	222.0	222.0	264.0	264.0	318.0	318.0	352.5	352.5	392.5	392.5	439.0	439.0	487.0
AD[1)]	181.5	181.5	207.0	207.0	241.0	241.0	292.0	292.0	315.0	315.0	382.0	382.0	457.5
k	1 051.5	1 076.5	1 097.0	1 147.0	1 179.0	1 239.0	1 251.5	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

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
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

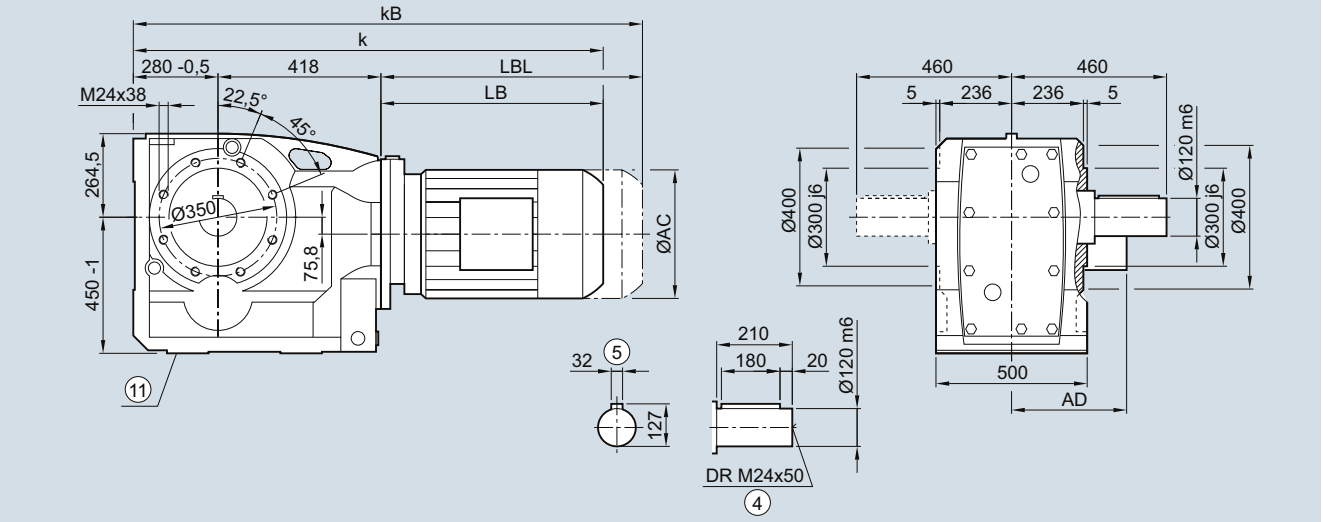
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑩ For inner contour see page 5/141 ⑪ Use bores only for foot-mounted design
1) AD depends on the motor options, for other dimensions see page 8/42.

5

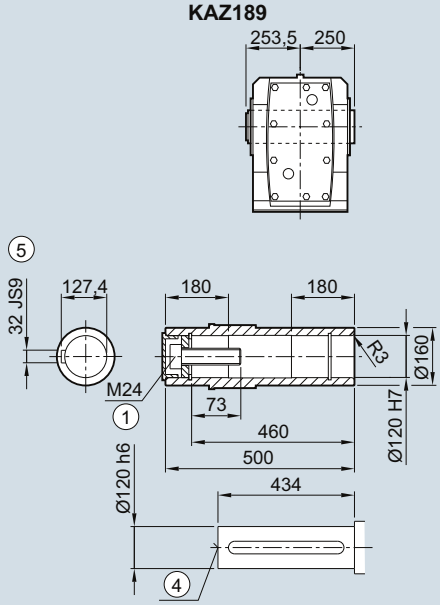
K.Z.189 gearbox in a housing flange design

KZ030, KAZ030, KAZS030, KAZT030

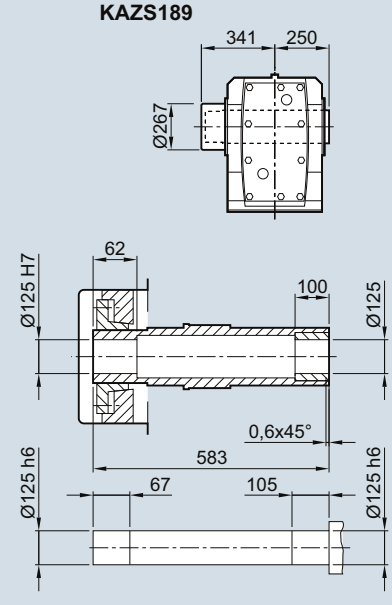
KZ189



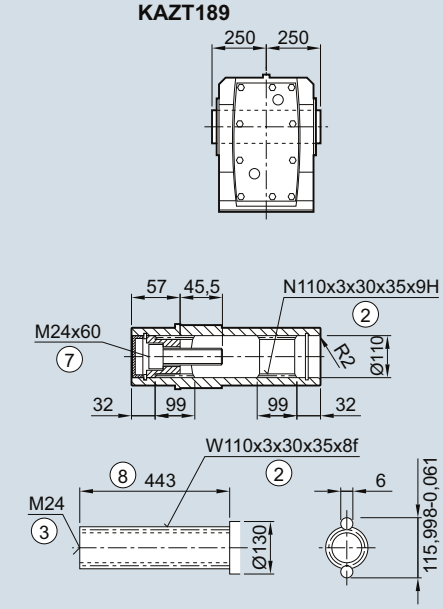
KAZ189



KAZS189



KAZT189



Motor	LE						LES						
	112	112Z	132	132Z	160	160Z	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

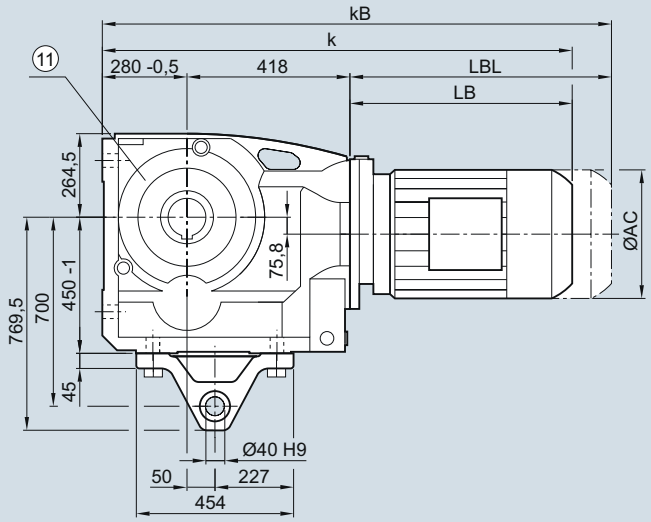
① ISO 4014 ② DIN 5480 ③ DIN 332-D ④ DIN 332 ⑤ Feather key/keyway DIN 6885-1 ⑦ ISO 4762 ⑧ Without locating shoulder +1 mm
⑪ Use bores only for foot-mounted design

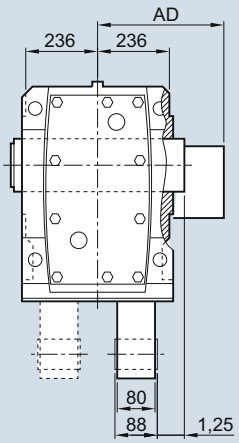
1) AD depends on the motor options, for other dimensions see page 8/42.

KAD.189 gearbox in a shaft-mounted design

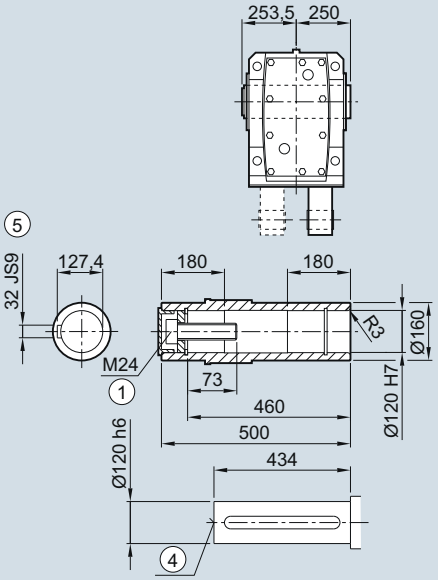
KAD031, KADS031, KADT031

KAD189

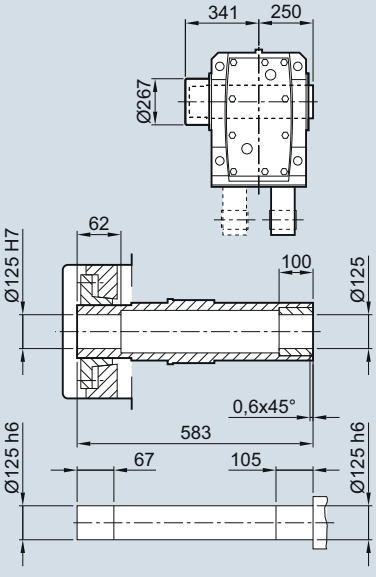




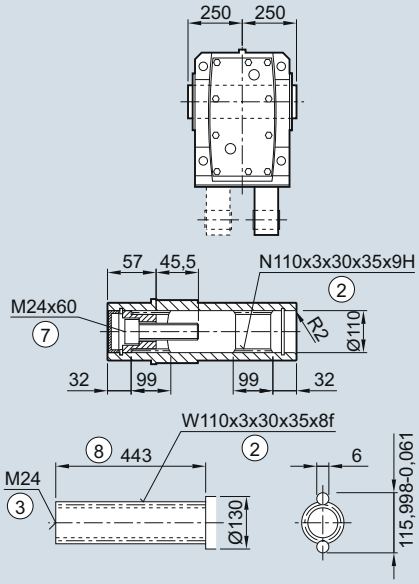
KAD189



KADS189



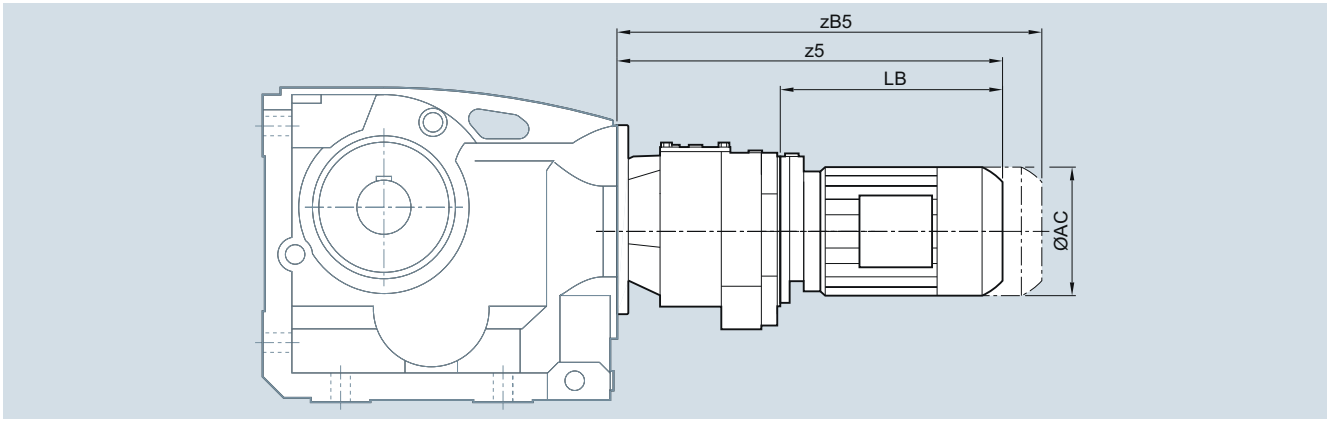
KADT189



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
⑪ Use bores only for housing flange design
1) AD depends on the motor options, for other dimensions see page 8/42.

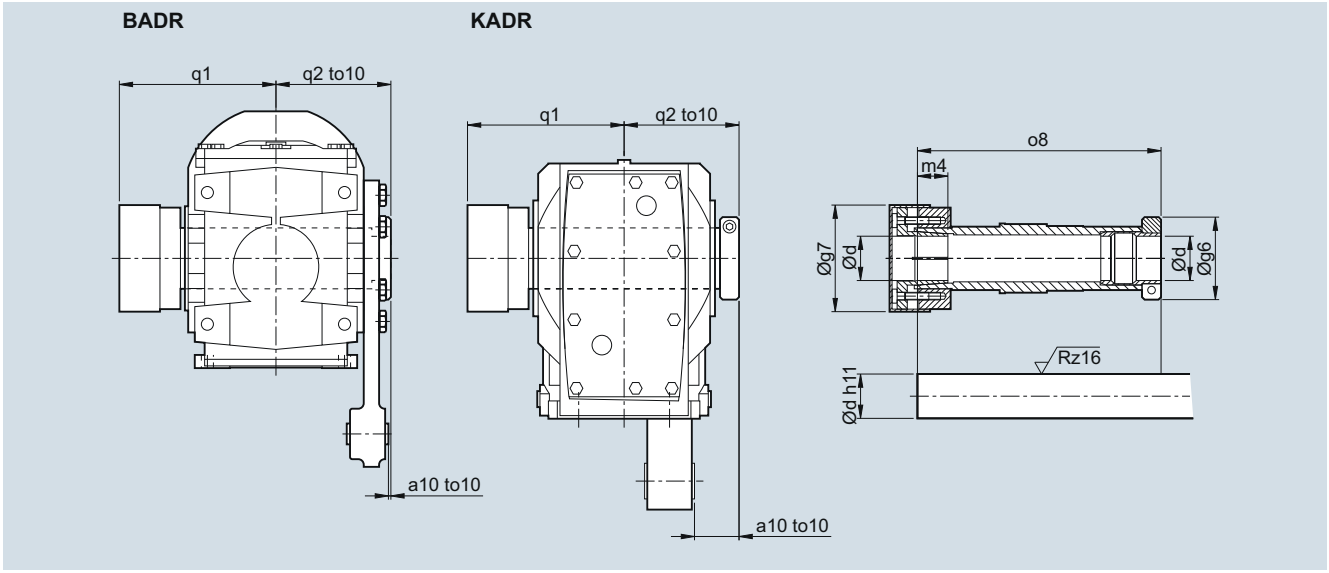
Bevel tandem geared motors



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
	LE80Z	156.3	445.0	505.0	275.0
K.69-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
	LE80Z	156.3	445.0	505.0	275.0
K.79-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
	LE80Z	156.3	445.0	505.0	275.0
K.89-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
	LE100Z	198.0	622.5	701.0	443.0
K.109-D/Z39	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
	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
K.129-D/Z39	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
	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
	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
K.169-D/Z49	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
	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
K.189-D/Z69	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
	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"								

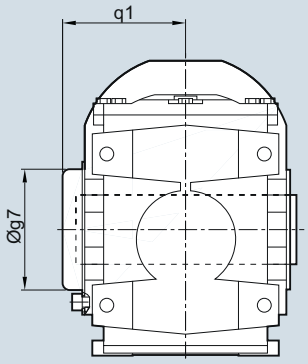
SIMOLOC assembly system (continued)

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"								

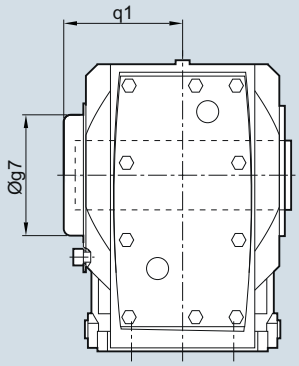
Protection covers

Protection cover for hollow shaft

BA, BAF, BAZ, BAD



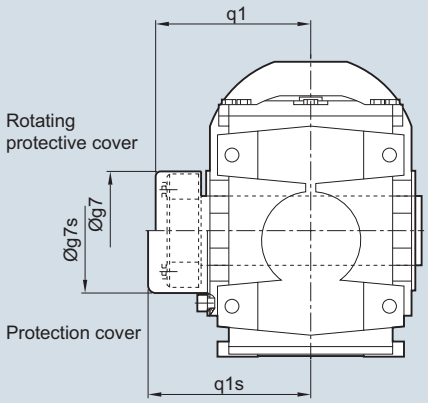
KA[1], KAF, KAZ, KAD



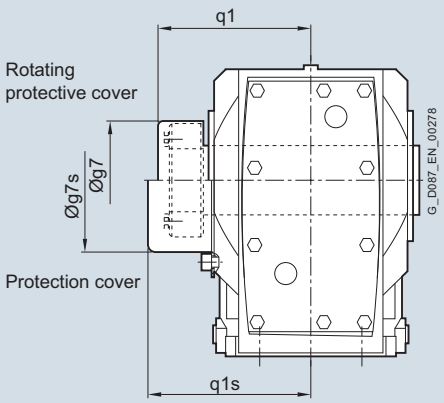
Gearbox type	BA.19	BA.29	BA.39	BA.49	KA.39	KA.49	KA.69	KA.79	KA.89	KA.109	KA.129	KA.149	KA.169	KA.189
Protection cover														
g7	82.0	67.0	80.0	80.0	82.5	80.0	99.0	99.0	137.0	187.0	187.0	218.0	257.5	309.5
q1	57.5	76.0	96.0	111.0	73.0	105.0	95.0	101.5	124.5	168.0	198.0	250.0	313.0	373.5

Protection cover for hollow shaft with shrink disk

BAS, BAFS, BAZS, BADS



KAFS, KAZS, KADS

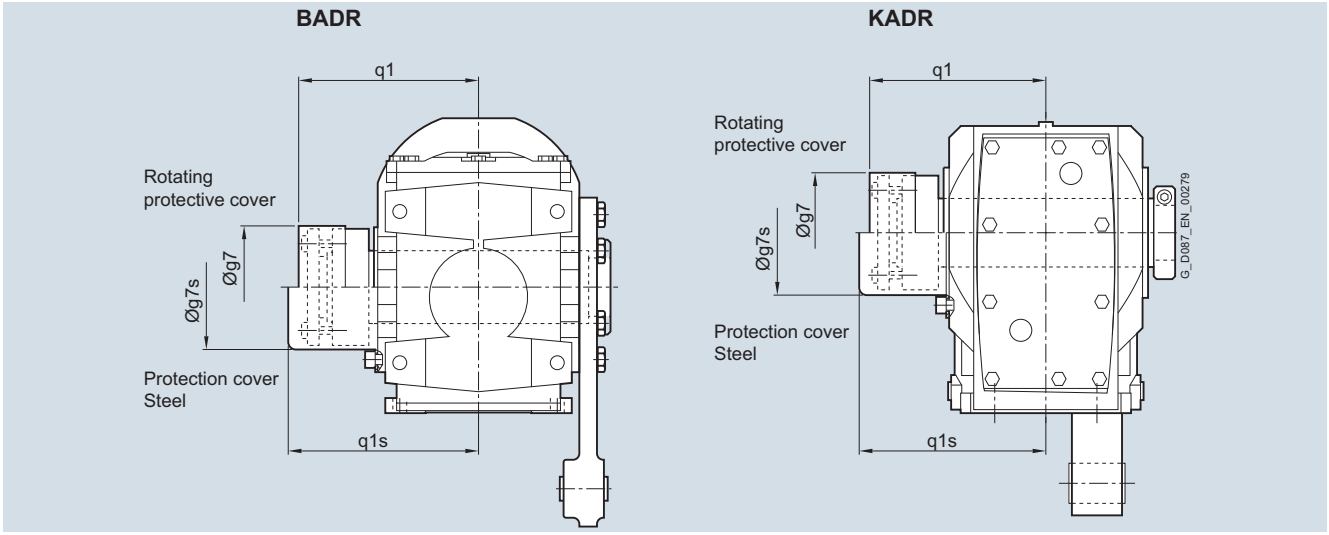


Gearbox type	BA..29	BA..39	BA..49	KA..39	KA..49	KA..69	KA..79	KA..89	KA..109	KA..129	KA..149	KA..169	KA..189
Rotating protective cover with shrink disk version													
g7	55	84	84	76.0	84	84	94.0	119.0	142.0	159.0	201.0	234.0	267.0
q1	85	102	117	89.5	107	115	125.5	142.5	162.5	198.5	233.5	291.0	343.5
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

Protection covers

Protection cover for hollow shaft with SIMOLOC assembly system



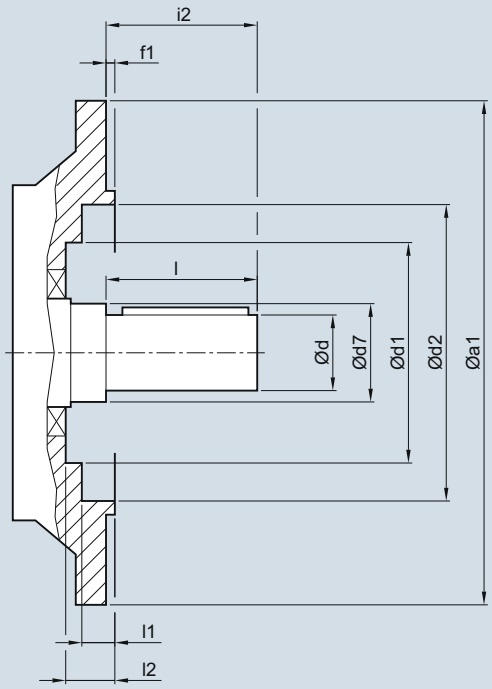
Gearbox type	BADR29	BADR39	BADR49	KADR39	KADR49	KADR69	KADR79	KADR89
Rotating protective cover								
g7	56	76	84 (94)	76	84	94	94	114
q1	102	116	134 (140)	106	124	138	150	171
Protection cover								
g7s	58	86.0	86 (99)	82.5	86	99	99	137
q1s	102	119.0	138 (143)	109	126	145	151.5	176.5

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

Inner contour of the flange design

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

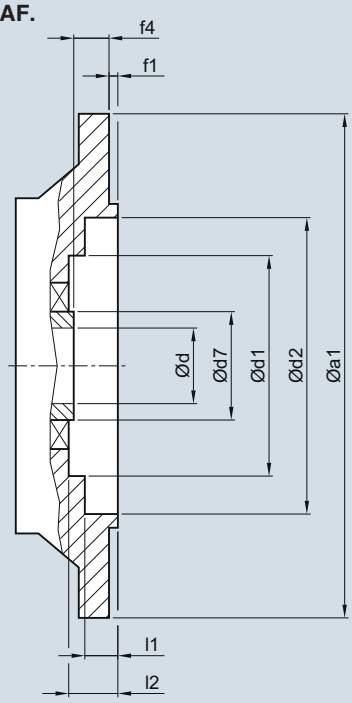
BF, KF



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

BAF., KAF.



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	-

Notes