

**Asynchronmotoren, Serie KG
mit eingebauter Bremse fuer
Hubseilzuege**

- Modifikationen Spannung nach, 50 Hz / 60 Hz
- Isolierklasse F, Moegliche Ausfuehrung H
- Arbeitsregime, Bestellung nach:
25%/150h⁻¹, 30%/180h⁻¹ oder 10/25%/180h⁻¹
- Wellenaxialgang 0,5 ÷ 1,0 mm
- IP 54, IP22 der Bremse (EN60529)
- Flanschausfuehrung-IM B5 (EN 60034-7)
- Moeglichkeit um Thermoschutz einzubauen

ANWENDUNG: Fuer Hubwerke der Seilzuege
Bauwinde und andere Hebezeuge

**Asynchronous electric motors KG series
with built-in brake for the main lifting
mechanism of electric wire rope hoists**

- Voltage modifications, 50 Hz / 60 Hz
- Insulation class F, optional H
- On request the duty cycle could be:
25%/150 h⁻¹, 30%/180 h⁻¹ or 10/25%/180h⁻¹
- Axial shaft run 0,5 ÷ 1,0 mm
- IP 54, brake protection IP 22 (EN 60529)
- Flange joining IM B5 (EN 60034-7)
- Optional thermal protection

Application: Main lifting mechanism of
electric wire rope hoists, winches
and other lifting machines

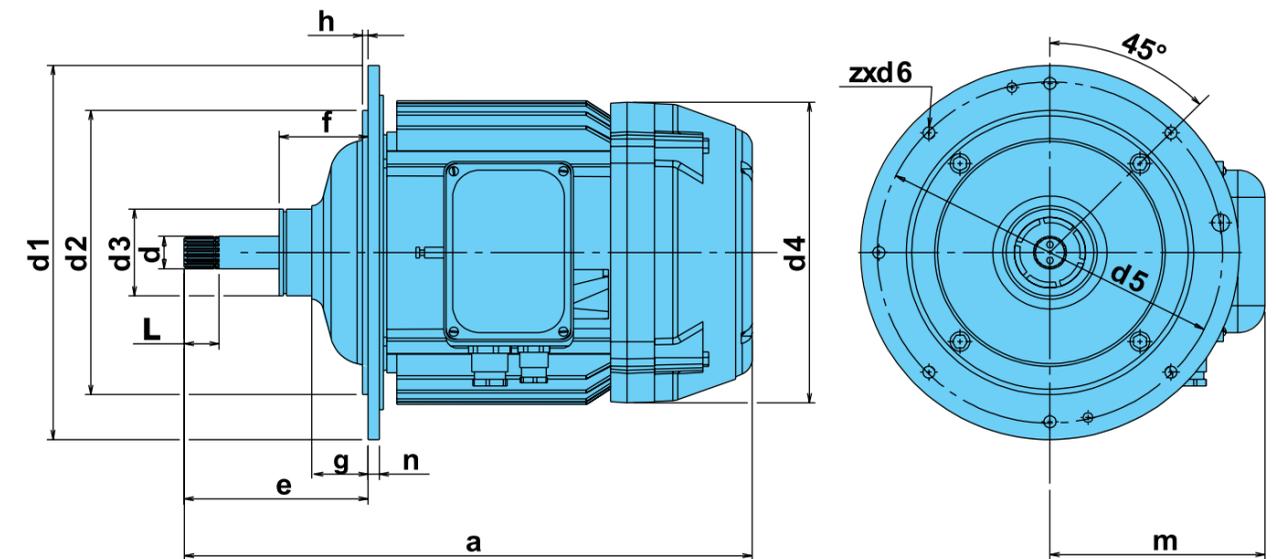




Neendaten / Rated data

Leistung Power	Typ Type	Drehzahl Rotation speed	Spannung Voltage	Arbeitsregime Duty cycle		Strom Current	Start moment Starting torque	Brems- moment Braking torque	Gewicht Weight
				CD	SF				
kW	-	min ⁻¹	V	%	h ⁻¹	A	Nm	Nm	kg
0.75	KG 1605D6	910	400/230	40	240	3.3/5.7	16.4	10.8	35
1.5	KG 1608D6	910	400/230	40	240	5.8/10.0	25.0	23.5	40
	KG II 1608-6								36
3.0	KG 2008D6	920	400/230	40	240	11.0/19.0	60.5	49	65
4.5	KG 2011D6	920	400/230	40	240	15.0/26.0	78.0	78	70
	KG II 2011D6								
8.0	KG 2412-6	920	400/230	40	240	24.5/42.5	132	105	100
12.5	KG 2714-6	920	400/230	40	240	36.0/62.0	200	165	155
20.0	KG 3517-6	930	400/230	40	240	60.0/104.5	340	330	215
1.1	KG 1605D4	1360	400/230	40	240	3.6/6.2	15	18	35
2.3	KG 1608D4	1300	400/230	40	240	6.0/10.5	26	28	40
4.5	KG 2008D4	1400	400/230	40	240	12.0/21.0	60	78	65
7.5	KG I 2012-4	1380	400/230	40	240	17.0/29.5	105	100	75
12.0	KG I 2714-4	1430	400/230	40	240	28.0/48.5	180	130	140
15.5	KG 3517-4	1430	400/230	40	240	29.5/51.0	240	150	215
25.0	KG I 3517-4	1400	400/230	40	240	53.8/93.2	510	330	215
30.0*	KG 3518-4	1400	400/230	40	240	48.0/83.0	400	290	237
0.30/1.5	KG I 2110-30/6	165/930	400	10/40	240	5.5/5.1	30/23	24	57
0.5/3.0	KG I 2612-30/6	165/930	400	10/40	240	10.0/8.5	52	48	101
0.8/4.8	KG II 2714-30/6	170/930	400	10/40	240	15.0/12.0	90	75	130
1.5/8.0	KG I 3317-30/6	170/940	400	10/40	240	30.0/19.0	140	125	195
0.15/1.1	KG I 2009-30/4	165/1400	400	10/40	240	4.0/4.0	14/16	15	48
0.30/2.2	KG I 2110-30/4	165/1400	400	10/40	240	5.5/7.0	30	30	57
0.5/4.5	KG I 2612-30/4	165/1400	400	10/40	240	10.0/11.0	52	55	101
0.8/7.5	KG II 2714-30/4	170/1400	400	10/40	240	15.0/15.0	90	90	130
1.5/12.5	KG I 3317-30/4	170/1430	400	10/40	240	30.0/28.0	140/180	135	195
0.33/1.5	KG I 2110-24/6	200/930	400	25/50	300	3.7/5.0	29	24	57
	KG II 2110-24/6								
0.7/3.0	KG I 2612-24/6	210/930	400	25/50	300	6.0/7.5	52	48	101
0.7/3.0	KG II 2612-24/6	210/920	400	20/40	240	6.0/7.5	52	48	101
1.0/4.8	KG II 2714-24/6	200/940	400	25/50	300	11.0/12.0	100	75	130
	KG V 2714-24/6								
1.7/8.0	KG I 3317-24/6	200/920	400	25/50	300	15.0/18.0	140	125	195
3.0/13.0	KG 3517-24/6	220/960	400	10/40	240	40.0/30.0	215	180	215
4.0/16.0	KG 3518-24/6	210/950	400	10/40	240	70.0/36.0	360/300	290	237
0.33/2.2	KG I 2110-24/4	200/1400	400	25/50	300	3.7/6.2	29	30	57
0.7/4.5	KG I 2612-24/4	210/1400	400	25/50	300	6.0/9.5	52	55	101
1.0/7.5	KG II 2714-24/4	200/1400	400	25/50	300	11.0/15.0	100	90	130
1.7/12.5	KG I 3317-24/4	200/1430	400	25/50	300	15.0/23.0	140	135	195
1.9/11.5	KG 3517-24/4	225/1400	400	10/25	120	30.0/25.0	170/180	170	215
3.7/22.0	KG 3518-24/4	210/1400	400	10/40	240	71.0/48.0	360/380	290	237
1.3/3.8	KG II 2012-12/4	450/1320	400	10/40	240	11.5/8.8	46	50	75
0.19	EK 2110-24	230	400	40	1800	3.5	8	20	57

Anschlussmasse / Overall dimensions



Typ / Type	Abmessungen / Dimensions [mm]												Welle / Shaft		
	a	e*	f	g	h	n	m	d1	d2	d3	d4	d5	z x d6	d	L
KG 1605D	350	109													
KG 1608D	385	125	73	44.4	4	8	165	260	185	75	230	226	8x9	E _B 25x1.5x16S3aX	27
KG II 1608D	368	92													
KG 2008D	442	138													
KG 2011D	482	168													
KG II 2011	437	125	83	51.5	5	15	172	345	262	80	275	312	7x11	E _B 30x1.5x18S3aX	32
KG I 2012	512	168													
KG II 2012	484	140													
KG2412	491	146	110	75	5	12	212	418	325	105	328	380	8x13	E _B 40x2.0x18S3aX	38**
KG I 2110	423	125	73	44.4	4	8	198	260	185	75	278	226	7x9	E _B 25x1.5x16S3aX	27
KG II 2110	390	92					198								
KG I 2612	508	140	81	51.5	5	10	220	345	262	80	328	312	7x11	E _B 30x1.5x18S3aX	32
KG 2714	596	215	145	102	6	16	266	505	365	120	376	460	11x15	E _B 45x2.5x16S3aX	60
KG I 2714	527	146	110	75	5	12	252	418	325	105	376	380	7x13	E _B 40x2.0x18S3aX	38**
KG II 2714	566	168	81	51.5	5	10	226	345	262	80	366	312	7x11	E _B 30x1.5x18S3aX	32
KG V 2714		129													
KG I 3317	579	146	110	75	5	12	257	418	325	105	418	380	8x13	E _B 40x2.0x18S3aX	38**
KG 3517	629	215	145	102	6	16	266	505	365	120	438	460	11x15	E _B 45x2.5x16S3aX	60
KG 3518	635														
EK 2110	423	125	73	44.4	4	8	198	260	185	75	278	226	7x9	E _B 25x1.5x16S3aX	27

* Arbeit mit Frequenzregler / Working only with frequency inverter

ED / CD – Arbeitsregime / Cyclic duration factor

c/h / SF – Einschaltungsanzahl pro Stunde / Number of switches per hour

* Arbeitslage. Toleranz der Bremslage - max2.5 mm / At operation mode. At idle mode the maximum tolerance is 2.5 mm