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

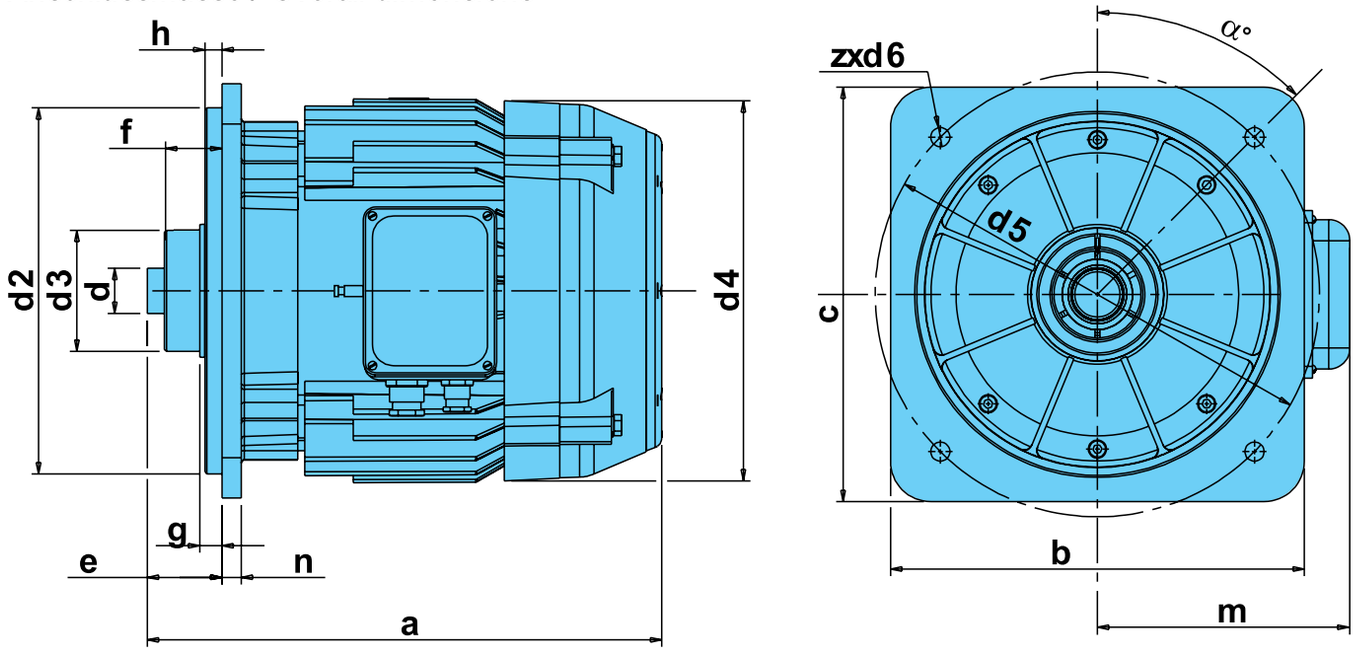


Nenndaten / Rated data

Leistung Power	Typ Type	Drehzahl Rotation speed	Spannung Voltage	Arbeitstregime 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**
1.25/5.0	K 2011-8/2	700/2770	400	15/30	180	7.5/10.5	40/38	40	65
5.0	K 2011-4	1430	400/230	40	240	11.2/19.4	80	70	65
7.5	K 2012A4	1380	400/230	40	240	17.0/29.5	105	100	82
	K 2012B4								80
12.0	K 2714-4	1430	400/230	40	240	28.0/48.5	180	130	143
15.5	K 3517-4	1430	400/230	40	240	29.5/51.0	240	150	230
30.0	K II 3518-4	1400	400/230	40	240	49.0/85.0	380	380	252
12.5	K 2714-6	920	400/230	40	240	36.0/62.0	200	165	182
	K 2714A6								162
20.0	K 3517B6	930	400/230	40	240	60.0/104.0	330	340	230
22.0	K 3517-6	950	400/230	40	240	42.0/72.0	360	390	230
	K 3517A6								220
25.0	K I 3517-6	930	400/230	40	240	66.0/114.0	450	420	230
1.0/7.5	K 2714A24/4	200/1400	400	25/50	300	11.0/15.0	100	95	148
	K 2714B24/4								145
1.7/12.5	K 3317-24/4	200/1430	400	25/50	300	15.0/23.0	140	135	221
	K 3317A24/4								206
3.7/22.0	K 3518-24/4	210/1400	400	10/30	180	71.0/48.0	360/380	280	252
	K 3518A24/4								242
1.9/7.5	K 2714A16/4	320/1410	400	25/50	300	15.5/14.5	130/120	95	148
3.25/13.0	K 3317-16/4	350/1420	400	25/50	300	23.0/25.5	180	155	221
	K 3317A16/4								206
3.0/13	K 3517-24/6	220/960	400	10/40	240	40.0/30.0	215	180	230
	K 3517A24/6								220
4.0/16.0	K 3518-24/6	210/950	400	10/40	240	70.0/36.0	360/300	290	252
	K 3518A24/6								242

ED / CD – Arbeitsregime / Cyclic duration factor
c/h / SF – Einschaltungen pro Stunde/ Number of switches per hour
* Arbeit mit Frequenzregler / Working only with frequency inverter

Anschlussmasse / Overall dimensions



Typ / Type	Abmessungen / Dimensions [mm]															Welle / Shaft	
	a	b	c	e*	n	g	f	h	m	d2	d3	d4	d5	z x d6	α°	d	L
K 2011-8/2 K 2011-4	434		300	80	15	18	43	9	172	242	80	275	330	4x13	43	Ев30x1.25x9g	25
K 2012B4	484		300	80	15	18	43	9	194	242	80	275	330	4x13	43	Ев30x1.25x9g	25
K 2012A4	468		340	90	16	18	47	9	194	292	105	275	370	4x15	45	Ев40x2.0x9g	30.6
K 2714-4	518	340	340	90	16	18	47	10	251	292	105	376	370	4x15	45	Ев40x2.0x9g	30.6
K 2714A6	554	410	410	1 13	19	22	57	17	251	362	120	376	440	4x19	45	Ев45x2.0x9g	33
K 2714-6	554	470	470	1 17	23	22	62	25	251	425	130	376	520	4x19	45	Ев45x2.0x9g	37
K 2714B24/4	515	280	300	80	14	18	43	9	226	242	80	366	330	4x13	45	Ев30x1.25x9g	25
K 2714A24/4 K 2714A16/4	510	340	340	90	17	18	47	10	226	292	105	366	370	4x15	45	Ев40x2.0x9g	30.6
K 3317A24/4 K 3317A16/4	577	410	410	1 13	19	22	57	14	257	362	120	418	440	4x19	45	Ев45x2.0x9g	33
K 3317-24/4 K 3317-16/4	585	470	470	1 17	23	22	62	14	257	425	130	418	520	4x19	45	Ев45x2.0x9g	37
K 3517A6 K 3517A24/6 K 3518A24/6 K 3518A24/4	570 576	410	410	1 13	19	22	57	17	266	362	120	438	440	4x19	45	Ев45x2.0x9g	33
K 3517-4 K 3517B6 K 3517-6 K I 3517-6 K 3517-24/6 K 3518-24/6 K 3518-24/4 K II 3518-4	570 576	470	470	1 17	23	22	62	25	266	425	130	438	520	4x19	45	Ев45x2.0x9g	37

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