Asynchronmotoren Serie K-Ex fuer Hubwerke der Ex-Zuege

- *Modifikationen Spannung nach, 50 Hz / 60 Hz*
- *Isolierklasse F*
- *Wellenaxialgang 0,5÷1,0 mm*
- *IP 44, IP54 der Bremse (EN60529)*
- *Flanschausfuehrung*
- *Mit eingebaute Thermoschutz*
- *Ex-Undurchlaessigeausfuehrung EN5018 Ex (d) IIBT5, EX (d) IIC T5*

Anwendung: Hubwerk bei Ex-Zuege

Asynchronous electric motors K-Ex series for main lifting mechanism of explosion-proof electric hoists

- *Voltage modifications, 50 Hz / 60 Hz*
- *Insulation class F*
- *Axial shaft run 0,5÷1,0 mm*
- *IP 44 (EN60529)*
- *Flange mount*
- *Overheat protection*
- *Explosive atmospheres and marking according to EN5018 Ex (d) IIBT5, EX (d) IIC T5*

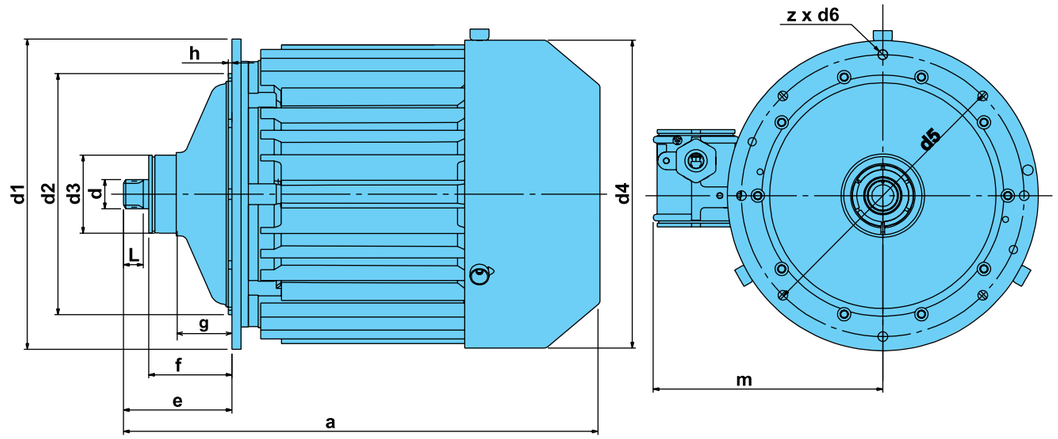
Applications: Main lifting mechanism of explosion-proof electric hoists



Nenndaten / Rated data

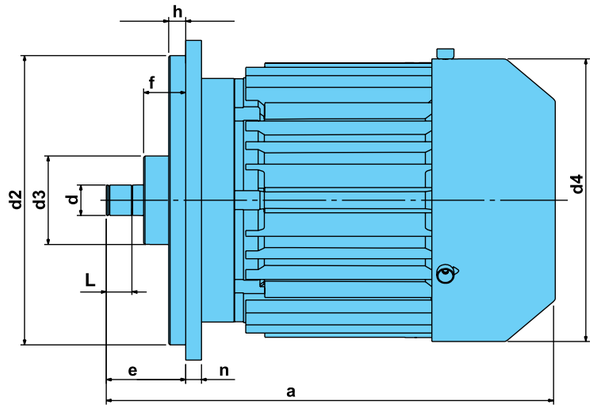
Leistung Power	Typ Type	Drehzahl Rotation speed	Spannung Voltage	Arbeitstregime Duty cycle		Strom Current	Start moment Starting torque	Brems-moment Braking torque	Gewicht Weight
				CD	SF				
kW	**-**	**min^{-1}**	**V**	**%**	**h^{-1}**	**A**	**Nm**	**Nm**	**kg**
1.5	K 1608-6Ex	910	400	30	180	5.8	25	23.5	47
2.2	AK1608P6 Ex	910	400	30	180	6.5	45	40	54
3.0	K 2008--6 Ex	930	400	30	180	9.0	60	43	70
4.5	K 2008--4 Ex	1400	400	30	180	12.0	60	43	70
4.5	K 2011-6 Ex	920	400	40	240	12.5	78	78	80
8.0	K 2612-6 Ex	920	400	40	240	20.0	150	1 10	135
	AK 2612-6 Ex								
0.75/3.0	K 2612-24/6Ex	210/930	400	20/40	240	6.5/7.5	55	48	120
20.0	K 3317-4Ex	1360	400	40	240	38.0	360	225	241
	KI 3317-4Ex								
13.0	K 3317-6Ex	920	400	40	240	26.0	360	225	241
	KI 3317-6Ex								
1.7/8.0	K 3317-24/6Ex	200/920	400	10/40	240	15.0/18.0	140	125	215
	KI 3317-24/6Ex								241
1.7/12.5	K 3317-24/4Ex	200/1430	400	10/40	240	15.0/23.0	140	125	215
	KI 3317-24/4Ex								241

Anschlussmasse / Overall dimensions



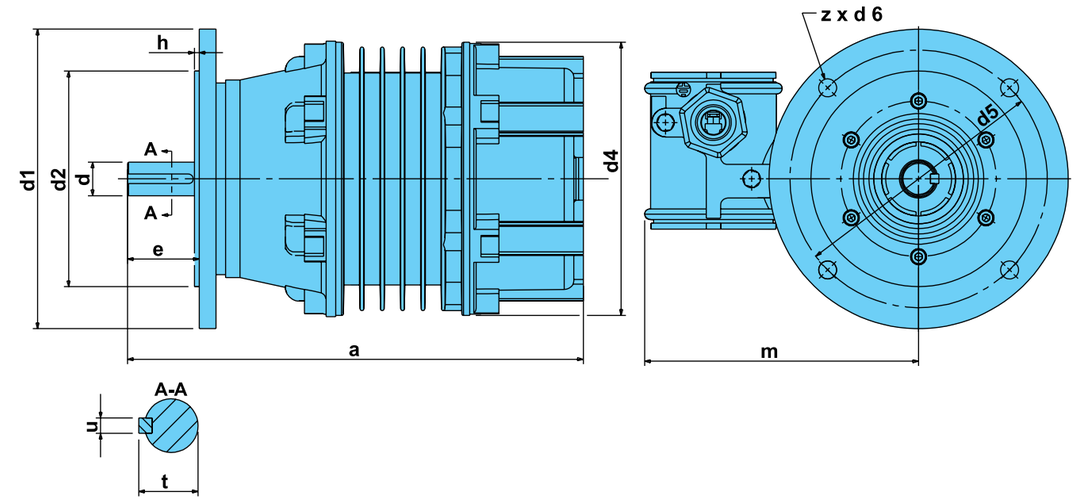
Typ / Type	Abmessungen / Dimensions [mm]													Welle / Shaft	
	a	**m**	**e**	**f**	**g**	**h**	**d1**	**d2**	**d3**	**d4**	**d5**	**z x d6**		**d**	**L**
K 1608-6Ex	367	225	125	73	44.4	5	260	185	75	226	226	6x9		Ев25x1.5x16S3a	X 27
K 2008-6Ex	485	250	140	81	51.5	5	345	262	80	255	312	8x11		Ев30x1.5x18S3a	X 32
K 2011-6Ex	538	250	170	81	51.5	5	345	262	80	255	312	8x11		Ев30x1.5x9g	32
K 2612-6Ex	570	270	145	1 12	75	5	418	325	105	350	380	8x13		Ев40x2.0x9g	40
K 2612-24/6Ex	570	270	140	83	51.5	5	345	262	80	350	312	8x11		Ев30x1.5x9g	32
K 3317-24/6Ex	640	328	146	1 12	75	5	418	325	105	415	380	8x13		Ев40x2.0x9g	40

Anschlussmasse / Overall dimensions



Typ / Type	Abmessungen / Dimensions [mm]													Welle / Shaft	
	a	**b**	**c**	**e**	**n**	**f**	**h**	**m**	**d2**	**d3**	**d4**	**d5**	**z x d6**	**d**	**L**
K 3317-4Ex	662	470	470	1 17	23	62	25	328	425	130	415	520	4x19	Ев45x2.0x9g	37
K 3317-6Ex															
K I 3317-4Ex														Ев45x2.5x9g	
K I 3317-6Ex															
K I 3317-24/4Ex															
K I 3317-24/6Ex															

Anschlussmasse / Overall dimensions



Typ / Type	Abmessungen / Dimensions [mm]									Welle / Shaft		
	a	**m**	**e**	**h**	**d1**	**d2**	**d4**	**d5**	**z x d6**	**d**	**t**	**u**
AK 1608P6Ex	367	225	60	4	250	180	226	215	4x15	28	31	8
AK 2612-6Ex	616	270	80	5	250	350	350	300	4x19	38	41	10