

Explosiongeschützte Getriebegruppen Serie TP...Ex/ Explosion proof reducers and geared motors, TP...Ex series

TP 1250...AKK ...Ex/AK II/AK/ ...Ex; Mmax – 800Nm								
Typ Type	Uebertragungs- zahl	Ausgangsdrehzahl	Ausgangs- moment	Elektromoment/ Electric motor		Ausnutzungsfaktor		
	Gear ratio	Output speed	Output torque	Leistung Power	Drehzahl Speed of revolution	CD	SF	Service factor
	-	min ⁻¹	N.m	kW	min ⁻¹	%	h ⁻¹	f _s
TP1250 88 AKK1608B6Ex	87.53	10.51	319.37	0.37	920	40	240	2.50
TP1250 88 AKK1608-12/4Ex		4.57/15.42	496.3/441.2	0.25/0.75	400/1350	20/40	240	1.61/1.81
TP1250 72 AKK1608P6Ex	72.30	12.72	392.14	0.55	920	40	240	2.04
TP1250 72 AKK1608-12/4Ex		5.53/18.67	410.0/364.4	0.25/0.75	400/1350	20/40	240	1.95/2.2
TP1250 66 AKK1608P6Ex	65.82	13.97	356.99	0.55	920	40	240	2.24
TP1250 66 AKK1608-12/4Ex		6.08/20.51	373.2/331.8	0.25/0.75	400/1350	20/40	240	2.14/2.41
TP1250 61 AKK1608P6Ex	60.87	15.11	330.14	0.55	920	40	240	2.42
TP1250 61 AKK1608-12/4Ex		6.57/22.18	345.0/306.8	0.25/0.75	400/1350	20/40	240	2.32/2.60
TP1250 61 AKK1605-6Ex		14.95	454.63	0.75	910	20/40	240	1.76
TP1250 61 AKK1605-4Ex	54.37	22.34	446.78	1.1	1360	20/40	240	1.79
TP1250 54 AKK1605-6Ex		16.74	406.70	0.75	910	20/40	240	1.97
TP1250 54 AKK1605-4Ex	51.99	25.01	399.07	1.1	1360	20/40	240	2.00
TP1250 52 AKK1605-6Ex		17.5	388.89	0.75	910	20/40	240	2.06
TP1250 52 AKK1605-4Ex	48.24	26.16	381.60	1.1	1360	20/40	240	2.10
TP1250 48 AKK1605-6Ex		18.86	360.83	0.75	910	20/40	240	2.22
TP1250 48 AKK1605-4Ex	45.78	28.19	354.08	1.1	1360	20/40	240	2.26
TP1250 46 AKK1605-6Ex		19.88	342.31	0.75	910	20/40	240	2.34
TP1250 46 AKK1605-4Ex	26.59	29.70	335.94	1.1	1360	20/40	240	2.38
TP1250 27 AKII 1608-6Ex		34.60	393.32	1.5	920	40	240	2.03
TP1250 20 AKII 1608P6Ex	20	46.00	433.90	2.2	920	40	240	1.84
TP1250 16 AKII 1608P6Ex	15.71	58.56	340.83	2.2	920	40	240	2.34
TP 1315...AKK ...Ex /AKII/AK/...Ex; Mmax- 1200Nm								
TP1315 86 AKK1608P6Ex	86.03	10.69	466.60	0.55	920	40	240	2.57
TP1315 86 AKK1608-12/4Ex		4.65/15.69	487.8/433.6	0.25/0.75	400/1350	20/40	240	2.46/2.77
TP1315 86 AKK1605-6Ex		10.58	643.28	0.75	910	40	240	1.86
TP1315 86 AKK1605-4Ex		15.81	631.46	1.1	1360	40	240	1.90
TP1315 78 AKK1605-4Ex	77.86	17.46	571.49	1.1	1360	40	240	2.10
TP1315 71 AKK1605-6Ex	70.56	12.90	527.79	0.75	910	40	240	2.27
TP1315 46 AKII 1608-6Ex	46.24	19.90	683.99	1.5	920	40	240	1.75
TP1315 45 AKII 1608-6Ex	44.98	20.45	665.35	1.5	920	40	240	1.80
TP1315 41 AKII 1608-6Ex	41.35	22.25	611.65	1.5	920	40	240	1.96
TP1315 35 AKII 1608-6Ex	35.32	26.05	522.45	1.5	920	40	240	2.30
TP1315 30 AKII 1608P6Ex	29.60	31.08	642.17	2.2	920	40	240	1.87
TP1315 27 AKII 1608P6Ex	26.79	34.34	581.21	2.2	920	40	240	2.06

Asynchrone Elektromotoren Typ AKK-Ex mit eingebauter Bremse fuer explosionsgeschützte Mechanismen

- **Modifikation nach Spannung; 50/60 Hz**
- **Isolationsklasse F**
- **Axialzug der Welle 0.5 - 1.0 mm**
- **IP 44 (EN60529)**
- **Flanschsaufuehrung**
- **Eingebauter Thermoschutz**
- **Explosiongeschützte Ausfuehrung – Ex(d) IIB T5, Ex(d) IIC T5 (EN5018)**

Asynchronous electric motors with built-in brake for explosion proof travel mechanisms, AKK-Ex series

- **Modification as per ; 50/60 Hz**
- **Insulation class F**
- **Axial stroke of shaft 0.5 - 1.0 mm**
- **IP 44 (EN60529)**
- **Flange execution**
- **Built-in thermal protection**
- **Explosion proof execution – Ex(d) IIB T5, Ex(d) IIC T5 (EN5018)**

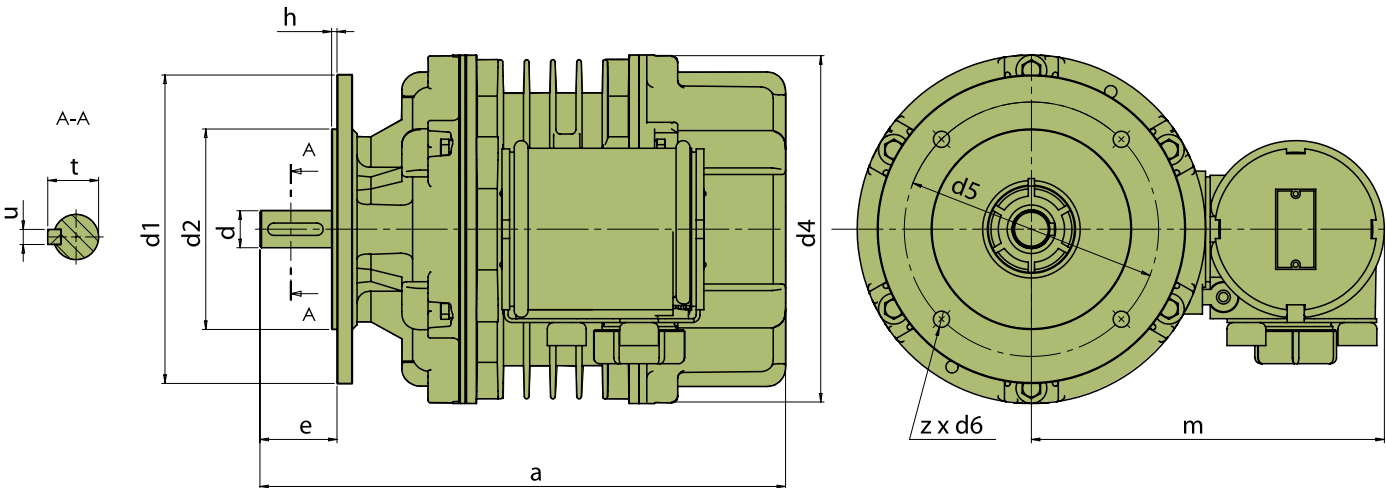




Asynchrone Elektromotoren Typ AKK-Ex mit eingebauter Bremse fuer explosionsgeschützte Mechanismen\ Asynchronous electric motors with built-in brake for explosion proof travel mechanisms, AKK-Ex series

Leistung Power	Typ Type	Drehzahl Rotation speed	Spannung Voltage	Arbeitsregime Duty cycle		Strom Current	Startmoment Starting torque	Brems- moment Braking torque	Gewicht Weight
				CD	SF				
kW	-	min ¹	V	%	h ¹	A	Nm	Nm	kg
0.18	AKK1305-6Ex	910	400	40	240	1.0	4.2	1.1	27
0.25	AKK1305P6Ex	900	400	40	240	1.1	5.2	2.2	27
0.18	AKK1305B4Ex	1420	400	40	240	1.0	3.0	1.0	26
0.25	AKK1305-4Ex	1390	400	40	240	1.1	4.1	1.1	27
0.37	AKK1305P4Ex	1360	400	40	240	1.3	6.0	2.2	27
0.06/0.12	AKK1305-12/6Ex	420/920	400	20/40	240	1.1/0.9	2.3/2.6	1.1	27
0.06/0.18	AKK1305-12/4Ex	420/1420	400	20/40	240	1.1/1.0	2.3/3.5	1.1	27
0.25	AKK1608-6Ex	940	400	40	240	1.1	6.0	2.2	46.5
0.37	AKK1608B6Ex	940	400	40	240	1.6	6.0	3.3	46.5
0.12/0.25	AKK1608B12/6Ex	400/890	400	20/40	240	1.3/1.1	6.0/5.5	2.2	46.5
0.12/0.37	AKK1608B12/4Ex	400/1380	400	20/40	240	1.3/1.2	6.0/5.0	2.2	46.5
0.37	AKK1608-4Ex	1410	400	40	240	1.2	15.0	3.3	46.5
0.55	AKK1608P6Ex	940	400	40	240	1.1	6.0	2.2	47
	AKK I 1608P6Ex								
0.25/0.75	AKK1608-12/4Ex	400/1350	400	20/40	240	2.1/2.0	11.0/11.0	4	47
	AKK I 1608-12/4Ex								
0.25/0.55	AKK1608-12/6Ex	400/920	400	20/40	240	2.1/2.2	11.0/14.0	4	47
	AKK I 1608-12/6Ex								
0.75	AKK1605-6Ex	910	400	40	240	3.3	16.5	8.0	41
	AKK I 1605-6Ex								
1.1	AKK1605-4Ex	1360	400	40	240	3.6	15.0	8.0	41
	AKK I 1605-4Ex								
1.5	AKII1608-6Ex	910	400	40	240	3.8	30	10.5	47
2.2	AKII1608P6Ex	910	400	40	240	6.5	45	17	54
0.5/1.5	AKII1609-12/4Ex	460/1410	400	20/40	240	3.8/3.5	17.5/20.5	11	54

Anschlussmasse / Overall dimensions



Typ / Type	Abmessungen / Dimensions									Welle / Shaft		
	a	e	h	m	d1	d2	d4	d5	z x d6	d	t	u
AKK1305 Ex	302	40	3.5	202	200	130	170	165	4x11	19	21.5	6
AKK1608-6Ex	335	40	3.5	225	200	130	226	165	4x10.5	19	21.5	6
AKK1608B6Ex												
AKK1608B12/4Ex												
AKK1608-4Ex												
AKK I 1608P6Ex												
AKK I 1608-12/4Ex												
AKK I 1608-12/6Ex	345	50	3.5	225	200	130	226	165	4x10.5	24	27	8
AKK I 1605-6Ex												
AKK I 1605-4Ex												
AKK1608P6AEx												
AKK1608-12/4Ex												
AKK1608-12/6Ex												
AKK1605-6Ex	367	60	4	225	250	180	226	215	4x15	28	31	8
AKK1605-4Ex												
AKII1608-6Ex												
AKII1608P6Ex												
AKII1609-12/4Ex												