

Technical Datasheet

Basic features

Manufacturer's model	T3A 132M1-4
Product standard	IEC 60034-1 CEI EN 60034-1
Material of housing	Cast-aluminum
Frame size	IEC-132M
Install model	IM B5
Type of motor feet	N/A
Pole	4P
Insulation class	Class F (temperature rise B) <i>Manufacturer's standard</i>
Protection degree	IP55 <i>Manufacturer's standard</i>
Duty	S1 <i>Manufacturer's standard</i>
Rotating direction	Clockwise (CW) <i>Manufacturer's standard</i> <i>When viewed from the front of output shaft</i>
Winding protection	PTC <i>This is an advanced option, please specify when ordering.</i>
Surface treatment	Powder coating in color RAL7024 (graphite grey). <i>Manufacturer's standard</i>

Mechanical features

Cooling method	IC411 <i>Manufacturer's standard</i>
Position of terminal box	On TOP <i>Manufacturer's standard</i> <i>When viewed from the front of output shaft</i>
Cable entries	
for power supply	2-M25x1.5
for winding protection	1-M16x1.5
Bearing brand	SKF or FAG <i>This is an advanced option, please specify when ordering.</i>
Bearing types	
for DE (A-side)	6308-2Z-C3
for NDE (B-side)	6208-2Z-C3
Shaft sealing	40x58x7 mm
Dynamic balance	Half-key balanced
Noise	71 dB(A)
Weight	57,4 kg
Moment of inertia	0,0435968 kgm ²

Electrical performances

Rated power (P _n)	7,50 kW	
Rated speed	1460 rpm	
Rated voltage	230V Δ @ 50Hz	
	400V Y @ 50Hz	
Rated current (I _n)	24,69 A @ 230V (Δ)	
	14,26 A @ 400V (Y)	
	11,94 A @ 460V	
Efficiency class	50Hz (IE3)	60Hz
Efficiency @ 100% load	90,4 %	91,7 %
Efficiency @ 75% load	90,9 %	92,1 %
Efficiency @ 50% load	90,3 %	91,3 %
Power factor	0,84	
Rated torque (T _n)	49,06 Nm	
T _{st} /T _n	2,6 × T _n	
T _{max} /T _n	3,4 × T _n	
T _{min} /T _n	2,2 × T _n	
I _{st} /I _n	8,9 × I _n	

Environmental conditions

Ambient temperature	-20°C up to +40°C <i>For wider ambient temperature please consult with our sales staff.</i>
Altitude	max. 1000m above sea level. <i>For higher altitude please consult with our sales staff.</i>

Other customized requirement

UL/CSA-Ausführung	
gemäß Zertifikat E323353	