

Technical data sheet

General data	
Frame size	132
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	47.6 kg
Insulation class	F
Protection degree	IP 55
Thermal protection	Bimetallic sensor
Rotation direction	Clockwise
Service duty	S1
Vibration level	A
Balance	Half-key balanced
Cable glands	2 - M25 × 1.5
Cooling	IC 411
Painting color	RAL 5010
Regulations	IEC / DIN / ISO / VDE / EN
Standard	IEC 60034

Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitude	1000 m above sea level

Electrical data		
Output	4	kW
Frequency	50	Hz
Voltage (±5%)	400	V Δ @ 50Hz
	690	V Y @ 50Hz
	480	V Δ @ 60Hz
	828	V Y @ 60Hz
Rotation speed	970	RPM @ 50Hz
	1165	RPM @ 60Hz
Rated current	8.99	A (In) @ Δ 50Hz
	5.19	A (In) @ Y 50Hz
Starting current	6.8	×In
Rated torque	39.38	Nm (Mn)
Starting torque	2.3	×Mn
Breakdown torque	3	×Mn
Efficiency		IE3
	86.8	@ 100% load
	87.1	@ 75% load
	86.2	@ 50% load
Power factor cosφ	0.74	@ 100% load

Mechanical data		
Bearings brand	C&U	
Bearings type	6308 2RZ C3	(DE)
	6208 2RZ C3	(NDE)
Lifetime of bearings		20000 hours
Allowed radial load		2760.46 N
Allowed axial load		1935.63 N
Moment of inertia	0.04394565	Kg*m ²
Noise level	68	dB(A)

