

Technical data sheet

General data	
Frame size	74
Housing material	Aluminum
Install model	According to the standard
Type of feet	Fixed feet
Net weight	18.68 kg
Insulation class	F
Protection degree	IP 55
Thermal protection	Bimetallic sensor
Rotation direction	Clockwise
Service duty	S4-80% 30c/h
Vibration level	A
Balance	Half-key balanced
Cable glands	1 - M20 × 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%)	400 690 480 828	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	2850 3420	RPM @ 50Hz RPM @ 60Hz
Rated current	8.19 4.73	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	7	×In
Rated torque	13.40	Nm (Mn)
Starting torque	3	×Mn
Breakdown torque	3	×Mn
Efficiency	82 83.5 83.7	@ 100% load @ 75% load @ 50% load
Power factor cosφ	0.86	@ 100% load

Mechanical data		
Bearings brand	C&U	
Bearings type	6206 2RZ C3 6205 2RZ C3	(DE) (NDE)
Allowed radial load		941 N
Allowed axial load		675 N
Moment of inertia	0.003118	Kg*m ²
Noise level	77	dB(A)