

Technical data sheet

General data	
Frame size	80
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	9.6 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	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	0.55	kW
Frequency	50	Hz
Voltage (±5%)	230	V Δ @ 50Hz
Rotation speed	1420	RPM @ 50Hz
Rated current	3.52	A (In) @ Δ 50Hz
Starting current	5.8	×In
Rated torque	3.70	Nm (Mn)
Starting torque	2.5	×Mn
Breakdown torque	1.8	×Mn
Efficiency	71.5	@ 100% load @ 75% load @ 50% load
Power factor cosφ	0.95	@ 100% load

Mechanical data		
Bearings brand	C&U	
Bearings type	6204 2RZ C3 6204 2RZ C3	(DE) (NDE)
Lifetime of bearings	20000 hours	
Allowed radial load	755 N	
Allowed axial load	629 N	
Start capacitor	75 μF / 250 V	
Run capacitor	20 μF / 450 V	
Moment of inertia	0.001380	Kg*m ²
Noise level	70	dB(A)