

Technical data sheet

General data	
Frame size	80
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	11.2 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 altitute	1000 m above sea level

Electrical data		
Output	1.5	kW
Frequency	50	Hz
Voltage (±5%)	230	V Δ @ 50Hz
	400	V Y @ 50Hz
	276	V Δ @ 60Hz
	480	V Y @ 60Hz
Rotation speed	2820	RPM @ 50Hz
	3384	RPM @ 60Hz
Rated current	5.46	A (In) @ Δ 50Hz
	3.14	A (In) @ Y 50Hz
Starting current	7.2	×In
Rated torque	5.08	Nm (Mn)
Starting torque	3.2	×Mn
Breakdown torque	3	×Mn
Efficiency	81.2	@ 100% load
	82.5	@ 75% load
	81.3	@ 50% load
Power factor cosφ	0.85	@ 100% load

Mechanical data		
Bearings brand	C&U	
Bearings type	6204 2RZ C3	(DE)
	6204 2RZ C3	(NDE)
Allowed radial load		599 N
Allowed axial load		465 N
Moment of inertia	0.00133	Kg*m ²
Noise level	70	dB(A)