

## Technical Data Sheet

General data	
Frame size	90
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	11.38 kg
Insulation class	F (Standard) H (Optional)
Protection degree	IP 55 (Standard) IP 56 (Optional)
Thermal protection	Without (Standard) Customizable (Optional)
Rotation direction	Clockwise (Standard) Counter clockwise (Optional)
Service duty	S1
Vibration level	A
Balance	Half-key balanced
Cable glands	1 - M20 × 1.5
Cooling	IC 411
Painting color	RAL 7024 (Standard) Customizable (Optional)
Regulations	IEC / DIN / ISO / VDE / EN
Standard	IEC 60034

  

Electrical data	
Output	0.37 kW
Frequency	50 Hz
Voltage (±5%)	230 V Δ @ 50Hz 400 V Y @ 50Hz 276 V Δ @ 60Hz 480 V Y @ 60Hz
Rotation speed	710 RPM @ 50Hz 850 RPM @ 60Hz
Rated current	2.46 A (In) @ Δ 50Hz 1.42 A (In) @ Y 50Hz
Starting current	3.2 ×In
Rated torque	4.98 Nm (Mn)
Starting torque	1.7 ×Mn
Breakdown torque	2.2 ×Mn
Efficiency	IE1 64.7 @ 100% load 61.9 @ 75% load 54.5 @ 50% load
Power factor cosp	0.58 @ 100% load

  

Mechanical data	
Bearings brand	C&U (Standard) Customizable (Optional)
Bearings type	6205 2RZ C3 (DE) 6205 2RZ C3 (NDE)
Lifetime of bearings	20000 hours
Allowed radial load	1015 N
Allowed axial load	913 N
Grease type	
Lubrication interval of NDE bearing	h
Lubrication interval of DE bearing	h
Moment of inertia	0.00327 Kg*m <sup>2</sup>
Noise level	56 dB(A)

  

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