



Felandia

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 H	(Standard) (Optional)
Protection degree	IP 55 IP 56	(Standard) (Optional)
Thermal protection	Without Customizable	(Standard) (Optional)
Rotation direction	Clockwise Counter clockwise	(Standard) (Optional)
Service duty	S1	
Vibration level	A	
Balance	Half-key balanced	
Cable glands	1 - M20× 1.5	
Cooling	IC 411	
Painting color	RAL 7024 Customizable	(Standard) (Optional)
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
	400	V Y @ 50Hz
	276	V Δ @ 60Hz
	480	V Y @ 60Hz
Rotation speed	920	RPM @ 50Hz
	1104	RPM @ 60Hz
Rated current	2.62	A (In) @ Δ 50Hz
	1.51	A (In) @ Y 50Hz
Starting current	4.3	×In
Rated torque	5.71	Nm (Mn)
Starting torque	2.25	×Mn
Breakdown torque	2.45	×Mn
Efficiency	72.5	IE1 @ 100% load
	73	@ 75% load
	69.3	@ 50% load
Power factor cosφ	0.73	@ 100% load

Mechanical data		
Bearings brand	C&U Customizable	(Standard) (Optional)
Bearings type	6204 2RZ C3	(DE) (NDE)
Lifetime of bearings	6204 2RZ C3 hours	
Allowed radial load Allowed axial load	20000 N 864 N	
	Grease type	752
Lubrication interval of NDE bearing Lubrication interval of DE bearing	h h	
	Moment of inertia	0.0021
Noise level	56	dB(A)