



# Felandia

General data	
Frame size	63
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	4.2 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 - M16 × 1.5
Cooling	IC 411
Painting color	RAL 7024 (Standard) Customizable (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	0.09	kW
Frequency	50	Hz
Voltage (±5%)	230 400 276 480	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	870 1040	RPM @ 50Hz RPM @ 60Hz
Rated current	0.7 0.4	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	2.6	×In
Rated torque	0.99	Nm (Mn)
Starting torque	1.8	×Mn
Breakdown torque	2	×Mn
Efficiency	51.1 49.2 42.5	IE1 @ 100% load @ 75% load @ 50% load
Power factor cosφ	0.63	@ 100% load

Mechanical data		
Bearings brand	C&U (Standard) Customizable (Optional)	
Bearings type	6201 2RZ C3 (DE) 6201 2RZ C3 (NDE)	
Lifetime of bearings	20000 hours	
Allowed radial load	470 N	
Allowed axial load	423 N	
Grease type		
Lubrication interval of NDE bearing	h	
Lubrication interval of DE bearing	h	
Moment of inertia	0.000418	Kg*m <sup>2</sup>
Noise level	50	dB(A)