



# Felandia

General data	
Frame size	63
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	4.5 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	
Temperature range	-20°C to +40°C
Relative humidity	≤ 95%
Altitude	≤ 1000 m

Electrical data		
Output	0.12	kW
Frequency	50	Hz
Voltage (±5%)	230 400 276 480	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	850 1020	RPM @ 50Hz RPM @ 60Hz
Rated current	0.9 0.52	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	2.7	×In
Rated torque	1.35	Nm (Mn)
Starting torque	1.8	×Mn
Breakdown torque	2	×Mn
Efficiency	49.6 49.2 41.4	IE1 @ 100% load @ 75% load @ 50% load
Power factor cosφ	0.67	@ 100% load

Mechanical data		
Bearings brand	C&U Customizable	(Standard) (Optional)
Bearings type	6201 2RZ C3 6201 2RZ C3	(DE) (NDE)
Lifetime of bearings		20000 hours
Maximum shaft load		170 N