



Felandia

| General data | | |
|--------------------|--------------------------------|--------------------------|
| Frame size | 80 | |
| Housing material | Aluminum | |
| Install model | According to the standard | |
| Type of feet | Removable feet | |
| Net weight | 10.8 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 |
| Rotation speed | 935 | RPM @ 50Hz |
| Rated current | 3.47 | A (In) @ Δ 50Hz |
| Starting current | 5.4 | ×In |
| Rated torque | 5.62 | Nm (Mn) |
| Starting torque | 2.2 | ×Mn |
| Breakdown torque | 1.45 | ×Mn |
| Efficiency | 71 | - @ 100% load @ 75% load @ 50% load |
| Power factor cosφ | 0.97 | @ 100% load |

| Mechanical data | | |
|-------------------------------------|----------------------------|--------------------------|
| Bearings brand | C&U Customizable | (Standard) (Optional) |
| Bearings type | 6204 2RZ C3 6204 2RZ C3 | (DE) (NDE) |
| Lifetime of bearings | 20000 hours | |
| Allowed radial load | 864 N | |
| Allowed axial load | 752 N | |
| Grease type | | |
| Lubrication interval of NDE bearing | h | |
| Lubrication interval of DE bearing | h | |
| Moment of inertia | 0.002366 | Kg*m ² |
| Noise level | 70 | dB(A) |