



Felandia

| General data | |
|--------------------|--|
| Frame size | 132 |
| Housing material | Casting iron |
| Install model | According to the standard |
| Type of feet | Removable feet (Standard) <i>Fixed feet</i> (Optional) |
| Net weight | 75.5 kg |
| Insulation class | F (Standard) H (Optional) |
| Protection degree | IP 55 (Standard) IP 56 (Optional) |
| Thermal protection | Without (Standard) <i>Customizable</i> (Optional) |
| Rotation direction | Clockwise (Standard) <i>Counter clockwise</i> (Optional) |
| Service duty | S1 |
| Vibration level | A |
| Balance | Half-key balanced |
| Cable glands | 2 - M25× 1.5 |
| Cooling | IC 411 |
| Painting color | RAL 7024 (Standard) <i>Customizable</i> (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 | 4 | kW |
| Frequency | 50 | Hz |
| Voltage (±5%) | 400 690 480 828 | V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz |
| Rotation speed | 950 1140 | RPM @ 50Hz RPM @ 60Hz |
| Rated current | 8.99 5.19 | A (In) @ Δ 50Hz A (In) @ Y 50Hz |
| Starting current | 7 | ×In |
| Rated torque | 40.21 | Nm (Mn) |
| Starting torque | 2 | ×Mn |
| Breakdown torque | 2.5 | ×Mn |
| Efficiency | 86.8 87.6 85.2 | IE3 @ 100% load @ 75% load @ 50% load |
| Power factor cosφ | 0.74 | @ 100% load |

| Mechanical data | | |
|-------------------------------------|--|-------------------|
| Bearings brand | C&U (Standard) <i>Customizable</i> (Optional) | |
| Bearings type | 6308 2RS C3 (DE) 6308 2RS C3 (NDE) | |
| Lifetime of bearings | 40000 hours | |
| Allowed radial load | 1852 N | |
| Allowed axial load | 16000 N | |
| Grease type | - | |
| Lubrication interval of NDE bearing | - h | |
| Lubrication interval of DE bearing | - h | |
| Moment of inertia | 0.043380 | Kg*m ² |
| Noise level | 69 | dB(A) |