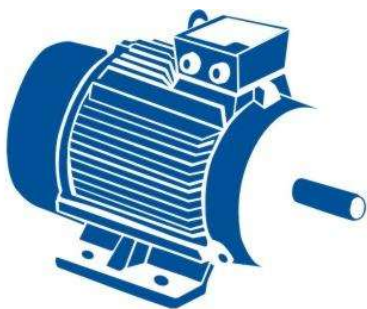




# Felandia

| General data       |                                |                          |
|--------------------|--------------------------------|--------------------------|
| Frame size         | 63                             |                          |
| Housing material   | Aluminum                       |                          |
| Install model      | According to the standard      |                          |
| Type of feet       | Removable feet                 |                          |
| Net weight         | 5 kg                           |                          |
| Insulation class   | F<br>H                         | (Standard)<br>(Optional) |
| Protection degree  | IP 55<br>IP 56                 | (Standard)<br>(Optional) |
| Thermal protection | Without<br>Customizable        | (Standard)<br>(Optional) |
| Rotation direction | Clockwise<br>Counter clockwise | (Standard)<br>(Optional) |
| Service duty       | S1                             |                          |
| Vibration level    | A                              |                          |
| Balance            | Half-key balanced              |                          |
| Cable glands       | 1 - M16 × 1.5                  |                          |
| Cooling            | IC 411                         |                          |
| Painting color     | RAL 7024<br>Customizable       | (Standard)<br>(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            | 0.25                     | kW                                                   |
| Frequency         | 50                       | Hz                                                   |
| Voltage (±5%)     | 230<br>400<br>276<br>480 | V Δ @ 50Hz<br>V Y @ 50Hz<br>V Δ @ 60Hz<br>V Y @ 60Hz |
| Rotation speed    | 1370<br>1644             | RPM @ 50Hz<br>RPM @ 60Hz                             |
| Rated current     | 1.39<br>0.8              | A (In) @ Δ 50Hz<br>A (In) @ Y 50Hz                   |
| Starting current  | 3.9                      | ×In                                                  |
| Rated torque      | 1.74                     | Nm (Mn)                                              |
| Starting torque   | 2.7                      | ×Mn                                                  |
| Breakdown torque  | 2.7                      | ×Mn                                                  |
| Efficiency        | 68.3<br>67.5<br>62.1     | IE1<br>@ 100% load<br>@ 75% load<br>@ 50% load       |
| Power factor cosφ | 0.66                     | @ 100% load                                          |

| Mechanical data                                                           |                      |                          |
|---------------------------------------------------------------------------|----------------------|--------------------------|
| Bearings brand                                                            | C&U<br>Customizable  | (Standard)<br>(Optional) |
| Bearings type                                                             | 6201 2RZ C3          | (DE)<br>(NDE)            |
| Lifetime of bearings                                                      | 6201 2RZ C3<br>hours |                          |
| Allowed radial load<br>Allowed axial load                                 | 20000 N<br>409 N     |                          |
| Grease type                                                               | 353                  |                          |
| Lubrication interval of NDE bearing<br>Lubrication interval of DE bearing | h<br>h               |                          |
| Moment of inertia                                                         | 0.00041              | Kg*m <sup>2</sup>        |
| Noise level                                                               | 54                   | dB(A)                    |