

## Technical data sheet

| General data       |                            |
|--------------------|----------------------------|
| Frame size         | 56                         |
| Housing material   | Aluminum                   |
| Install model      | According to the standard  |
| Type of feet       | Removable feet             |
| Net weight         | 3.6 kg                     |
| Insulation class   | F                          |
| Protection degree  | IP 55                      |
| Thermal protection | Without                    |
| Rotation direction | Clockwise                  |
| Service duty       | S1                         |
| Vibration level    | A                          |
| Balance            | Half-key balanced          |
| Cable glands       | 1 - M16 × 1.5              |
| Cooling            | IC 411                     |
| Painting color     | RAL 5010                   |
| 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  | V Δ @ 50Hz                              |
| Rotation speed    | 1390 | RPM @ 50Hz                              |
| Rated current     | 0.78 | A (In) @ Δ 50Hz                         |
| Starting current  | 2.3  | ×In                                     |
| Rated torque      | 0.62 | Nm (Mn)                                 |
| Starting torque   | 0.7  | ×Mn                                     |
| Breakdown torque  | 1.65 | ×Mn                                     |
| Efficiency        | 51   | @ 100% load<br>@ 75% load<br>@ 50% load |
| Power factor cosφ | 0.99 | @ 100% load                             |

| Mechanical data      |                            |                   |
|----------------------|----------------------------|-------------------|
| Bearings brand       | C&U                        |                   |
| Bearings type        | 6201 2RZ C3<br>6201 2RZ C3 | (DE)<br>(NDE)     |
| Lifetime of bearings | 20000 hours                |                   |
| Allowed radial load  | 413 N                      |                   |
| Allowed axial load   | 355 N                      |                   |
| Run capacitor        | 6 μF / 450 V               |                   |
| Moment of inertia    | 0.000240                   | Kg*m <sup>2</sup> |
| Noise level          | 63                         | dB(A)             |