

## Technical data sheet

| General data       |                            |
|--------------------|----------------------------|
| Frame size         | 132                        |
| Housing material   | Aluminum with iron shields |
| Install model      | According to the standard  |
| Type of feet       | Removable feet             |
| Net weight         | 73 kg                      |
| Insulation class   | F                          |
| Protection degree  | IP 55                      |
| Thermal protection | Bimetallic sensor          |
| Rotation direction | Clockwise                  |
| Service duty       | S4-80% 30c/h               |
| Vibration level    | A                          |
| Balance            | Half-key balanced          |
| Cable glands       | 2 - M25 × 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 altitute         | 1000 m above sea level |

| Electrical data   |                          |  |
|-------------------|--------------------------|--|
| Output            | 15                       | kW   |
| Frequency         | 50                       | Hz   |
| Voltage (±5%)     | 400<br>690<br>480<br>828 | V Δ @ 50Hz<br>V Y @ 50Hz<br>V Δ @ 60Hz<br>V Y @ 60Hz |
| Rotation speed    | 2940<br>3530             | RPM @ 50Hz<br>RPM @ 60Hz                             |
| Rated current     | 27.7<br>16               | A (In) @ Δ 50Hz<br>A (In) @ Y 50Hz                   |
| Starting current  | 14                       | ×In  |
| Rated torque      | 48.72                    | Nm (Mn)  |
| Starting torque   | 4                        | ×Mn  |
| Breakdown torque  | 4.5                      | ×Mn  |
| Efficiency        | 91<br>90.7<br>89.1       | @ 100% load<br>@ 75% load<br>@ 50% load              |
| Power factor cosφ | 0.86                     | @ 100% load  |

| Mechanical data     |                            |                   |
|---------------------|----------------------------|-------------------|
| Bearings brand      | C&U                        |                   |
| Bearings type       | 6308 2RZ C3<br>6208 2RZ C3 | (DE)<br>(NDE)     |
| Allowed radial load | 1882 N                     |                   |
| Allowed axial load  | 1394 N                     |                   |
| Moment of inertia   | 0.028557                   | Kg*m <sup>2</sup> |
| Noise level         | 86                         | dB(A)             |