

## 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         | 57.2 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 altitude         | 1000 m above sea level |

| Electrical data   |       |                 |
|-------------------|-------|-----------------|
| Output            | 7.5   | kW              |
| Frequency         | 50    | Hz              |
| Voltage (±5%)     | 400   | V Δ @ 50Hz      |
|                   | 690   | V Y @ 50Hz      |
|                   | 480   | V Δ @ 60Hz      |
|                   | 828   | V Y @ 60Hz      |
| Rotation speed    | 960   | RPM @ 50Hz      |
|                   | 1152  | RPM @ 60Hz      |
| Rated current     | 16.54 | A (In) @ Δ 50Hz |
|                   | 9.59  | A (In) @ Y 50Hz |
| Starting current  | 6.5   | ×In             |
| Rated torque      | 74.61 | Nm (Mn)         |
| Starting torque   | 2     | ×Mn             |
| Breakdown torque  | 2     | ×Mn             |
| Efficiency        | 85    | @ 100% load     |
|                   | 86.4  | @ 75% load      |
|                   | 86.4  | @ 50% load      |
| Power factor cosφ | 0.77  | @ 100% load     |

| Mechanical data     |             |                   |
|---------------------|-------------|-------------------|
| Bearings brand      | C&U         |                   |
| Bearings type       | 6308 2RZ C3 | (DE)              |
|                     | 6208 2RZ C3 | (NDE)             |
| Allowed radial load |             | 2703 N            |
| Allowed axial load  |             | 2266 N            |
| Moment of inertia   | 0.06078     | Kg*m <sup>2</sup> |
| Noise level         | 68          | dB(A)             |