



MLFB-Ordering data: **1LE1002-0CC32-2KA4**

Motor type: **1AV1073C**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

| U [V] | Δ/Y | f [Hz] | P [kW] | P [hp] | I [A] | n [1/min] | M [Nm] | NOM. EFF at ... load [%] | | | Power factor at ... load | | | I _A /I _N I/I _N | M _A /M _N T _f /T _N | M _k /M _N T _B /T _N | IE-CL |
|------------------|-----|-----------|-----------|-----------|----------|--------------|--------------|--------------------------|------------------------|------|--------------------------|------|------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 230 | Δ | 50 | 0.25 | - / - | 1.70 | 860 | 2.8 | 52.1 | 52.8 | 48.4 | 0.71 | 0.59 | 0.46 | 2.2 | 2.0 | 2.0 | IE1 |
| 400 | Y | 50 | 0.25 | - / - | 0.98 | 860 | 2.8 | 52.1 | 52.8 | 48.4 | 0.71 | 0.59 | 0.46 | 2.2 | 2.0 | 2.0 | IE1 |
| 460 | Y | 60 | 0.28 | - / - | 0.90 | 1070 | 2.6 | 57.5 | 58.1 | 54.2 | 0.70 | 0.59 | 0.46 | 2.5 | 2.0 | 2.1 | IE1 |
| IM B14 / IM 3601 | | FS 71 M | | | IP55 | CC032A | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | | |

Mechanical data

| | | |
|---------------------------------------|---|------------|
| Sound pressure level 50Hz/60Hz (load) | 51 dB(A) | 53 dB(A) |
| Moment of inertia | 0.0008 kg m ² | |
| Bearing DE NDE | 6202 2Z C3 | 6202 2Z C3 |
| Bearing lifetime | 40000 h | |
| Lubricants | Esso Unirex N3 | |
| Regreasing device | No | |
| Grease nipple | - / - | |
| Type of bearing | Preloaded bearing DE | |
| Condensate drainage holes | No | |
| External earthing terminal | | |
| Vibration class | A | |
| Insulation | 155(F) to 130(B) | |
| Duty type | S1 | |
| Direction of rotation | bidirectional | |
| Frame material | aluminum | |
| Data of anti condensation heating | - / - | |
| Coating (paint finish) | Standard paint finish C2 | |
| Color, paint shade | RAL7030 | |
| Motor protection | (A) without (Standard) | |
| Method of cooling | IC411 - self ventilated, surface cooled | |

Terminal box

| | |
|--------------------------------|---------------------|
| Terminal box position | top |
| Material of terminal box | Aluminium |
| Type of terminal box | TB1 B00 |
| Contact screw thread | M4 |
| Max. cross-sectional area | 1.5 mm ² |
| Cable diameter from ... to ... | 9.0 mm - 17.0 mm |
| Cable entry | 1xM25x1,5 |
| Cable gland | 1 plug |

Special design (0)

Environmental conditions

| | |
|--------------------------|-----------------|
| Ambient temperature | -20 °C - +40 °C |
| Altitude above sea level | 1000 m |