



MLFB-Ordering data: **1LE1003-1CB22-2FA4**

Motor type: **1AV3132B**

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 | 7.50 | - / - | 25.00 | 1470 | 49.0 | 90.4 | 91.1 | 90.8 | 0.84 | 0.80 | 0.71 | 7.4 | 2.4 | 3.5 | IE3 |
| 400 | Y | 50 | 7.50 | - / - | 14.30 | 1470 | 49.0 | 90.4 | 91.1 | 90.8 | 0.84 | 0.80 | 0.71 | 7.4 | 2.4 | 3.5 | IE3 |
| 460 | Y | 60 | 8.60 | - / - | 14.20 | 1770 | 47.0 | 89.5 | 90.0 | 89.5 | 0.85 | 0.81 | 0.73 | 7.5 | 2.1 | 3.5 | IE2 |
| 460 | Y | 60 | 7.50 | - / - | 12.70 | 1775 | 41.0 | 89.5 | 89.6 | 88.6 | 0.83 | 0.79 | 0.69 | 8.5 | 2.4 | 4.0 | IE2 |
| IM B5 / IM 3001 | | FS 132 M | | 64 kg | IP55 | CC032A | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | | |

| Mechanical data | | | Terminal box | |
|---------------------------------------|---|------------|--------------------------------|---------------------|
| Sound pressure level 50Hz/60Hz (load) | 64 dB(A) | 68 dB(A) | Terminal box position | top |
| Moment of inertia | 0.046 kg m ² | | Material of terminal box | Aluminium |
| Bearing DE NDE | 6208 2Z C3 | 6208 2Z C3 | Type of terminal box | TB1 H00 |
| Bearing lifetime | 40000 h | | Contact screw thread | M4 |
| Lubricants | Esso Unirex N3 | | Max. cross-sectional area | 6.0 mm ² |
| Regreasing device | No | | Cable diameter from ... to ... | 11.0 mm - 21.0 mm |
| Grease nipple | - / - | | Cable entry | 2xM32x1,5 |
| Type of bearing | Preloaded bearing DE | | Cable gland | 2 plugs |
| Condensate drainage holes | No | | Special design (0) | |
| External earthing terminal | No | | | |
| 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 | | | |

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

