



MLFB-Ordering data: **1LE1603-2DB23-4FB4**

Motor type: **1CV3282B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

| U [V] | Δ/Y | f [Hz] | P | | I [A] | n [1/min] | M [Nm] | NOM. EFF at ... load [%] | | | Power factor at ... load | | | I _A /I _N I _A /I _N | M _A /M _N T _f /T _N | M _k /M _N T _B /T _N | IE-CL |
|-----------------|-----|-----------|----------|-------|----------|--------------|-----------|--------------------------|------|------------------------|--------------------------|------|------|--|--|--|-------|
| | | | [kW] | [hp] | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 400 | Δ | 50 | 90.00 | - / - | 157.00 | 1485 | 579.0 | 95.2 | 95.5 | 95.3 | 0.87 | 0.84 | 0.76 | 7.2 | 2.6 | 3.0 | IE3 |
| 690 | Y | 50 | 90.00 | - / - | 91.00 | 1485 | 579.0 | 95.2 | 95.5 | 95.3 | 0.87 | 0.84 | 0.76 | 7.2 | 2.6 | 3.0 | IE3 |
| 460 | Δ | 60 | 104.00 | - / - | 158.00 | 1785 | 556.0 | 95.0 | 95.3 | 94.9 | 0.87 | 0.85 | 0.77 | 7.0 | 2.6 | 2.9 | IE2 |
| 460 | Δ | 60 | 90.00 | - / - | 136.00 | 1788 | 481.0 | 95.4 | 95.5 | 94.9 | 0.87 | 0.84 | 0.75 | 8.0 | 2.9 | 3.3 | IE3 |
| IM B5 / IM 3001 | | | FS 280 M | | 670 kg | IP55 | CC032A | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | |

| Mechanical data | | | Terminal box | |
|---------------------------------------|---|----------|--------------------------------|-----------------------|
| Sound pressure level 50Hz/60Hz (load) | 70 dB(A) | 79 dB(A) | Terminal box position | top |
| Moment of inertia | 1.70 kg m ² | | Material of terminal box | cast iron |
| Bearing DE NDE | 6317 C3 | 6317 C3 | Type of terminal box | TB1 N01 |
| Relubrication interval/quantity | 30 g 30 g 8000 h | | Contact screw thread | M10 |
| Lubricants | Esso Unirex N3 | | Max. cross-sectional area | 120.0 mm ² |
| Regreasing device | Yes (standard) | | Cable diameter from ... to ... | 34.0 mm - 42.0 mm |
| Grease nipple | M10x1 DIN 3404 A | | Cable entry | 2xM63x1,5-2xM20x1,5 |
| Type of bearing | Locating bearing NDE | | Cable gland | 4 plugs |
| Condensate drainage holes | Yes (standard) | | Special design | |
| External earthing terminal | Yes (standard) | | | |
| Vibration class | A | | | |
| Insulation | 155(F) to 130(B) | | | |
| Duty type | S1 | | | |
| Direction of rotation | bidirectional | | | |
| Frame material | cast iron | | | |
| Data of anti condensation heating | -/- | | | |
| Coating | Special paint finish C3 | | | |
| Color | RAL7030 | | | |
| Motor protection | (B) 3 PTC thermistors - for tripping (standard) (2 terminals) | | | |
| Method of cooling | IC411 - self ventilated, surface cooled | | | |

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