



Ordering data: 1LE1603-2AB53-4AB4

Motor type: 1CV3205B

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 _L /I _N | M _A /M _N T _L /T _N | M _K /M _N T _B /T _N | IE-CL |
|-----------------|-------|-----------|-----------|-----------|----------|--------------|-----------|--------------------------|------|------------------------|--------------------------|------|------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 400 | Δ | 50 | 30.00 | - / - | 55.00 | 1470 | 195.0 | 93.6 | 94.3 | 94.4 | 0.84 | 0.80 | 0.71 | 7.3 | 2.6 | 3.1 | IE3 |
| 690 | Y | 50 | 30.00 | - / - | 32.00 | 1470 | 195.0 | 93.6 | 94.3 | 94.4 | 0.84 | 0.80 | 0.71 | 7.3 | 2.6 | 3.1 | IE3 |
| 460 | Δ | 60 | 34.50 | - / - | 55.00 | 1770 | 186.0 | 93.0 | 93.5 | 93.5 | 0.85 | 0.81 | 0.74 | 7.3 | 2.4 | 3.0 | IE2 |
| IM B3 / IM 1001 | | FS 200 L | | 240 kg | | IP55 | | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | |

Mechanical data

| | |
|--|---|
| Sound pressure level 50 Hz/60Hz (load) | 65 db(A) 67 db(A) |
| Moment of inertia | 0.22 kg m ² |
| Bearing DE NDE | 6312 C3 6312 C3 |
| Relubrication interval/quantity | 10 g 10 g 8000 h |
| Lubricants | Esso Unirex N3 |
| Regreasing device | Yes (standard) |
| Grease nipple | |
| Type of bearing | Locating bearing NDE |
| Condensate drainage holes | Yes (standard) |
| 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 |
| Color | RAL7030 |
| Motor protection | (B) 3 PTC thermistors - for tripping (standard) |
| Method of cooling | IC411 - self ventilated, surface cooled |

Terminal box

| | |
|--------------------------------|----------------------|
| Terminal box position | top |
| Material of terminal box | cast iron |
| Type of terminal box | TB1 L01 |
| Contact screw thread | M6 |
| Max. cross-sectional area | 25.0 mm ² |
| Cable diameter from ... to ... | 27.0 mm - 35.0 mm |
| Cable entry | 2xM50x1,5-1xM16x1,5 |
| Cable gland | 3 plugs |

Special design

Environmental conditions

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

Explosion protection

| | |
|--------------------|-------|
| Type of protection | - / - |
|--------------------|-------|