



Ordering data: **1LE1002-1AB52-2FA4-Z**
B16

Motor type: **1AV1105B**

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 _A /I _N | M _A /M _N T _r /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 | 3.00 | - / - | 10.90 | 1425 | 20.0 | | | | | | | | | | |
| 400 | Y | 50 | 3.00 | - / - | 6.30 | 1425 | 20.0 | | | | | | | | | | |
| 460 | Y | 60 | 3.45 | - / - | 5.90 | 1725 | 19.0 | | | | | | | | | | |
| 460 | Y | 60 | 3.00 | - / - | 0.00 | | | | | | | | | | | | |
| IM B5 / IM 3001 | | | FS 100 L | | 22 kg | IP55 | | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | |

These values are calculated. The final rating plate data will be calculated when the order is placed
The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.

| Mechanical data | | Terminal box | |
|---------------------------------------|---|---|---------------------|
| Sound pressure level 50Hz/60Hz (load) | 60 dB(A) 62 dB(A) | Terminal box position | top |
| Moment of inertia | 0.0078 kg m ² | Material of terminal box | Aluminium |
| Bearing DE NDE | 6206 2ZC3 6206 2ZC3 | Type of terminal box | TB1 F00 |
| Bearing lifetime | 40000 h | Contact screw thread | M4 |
| Lubricants | Esso Unirex N3 | Max. cross-sectional area | 4.0 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 | <div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design B16 Motor for intermittent duty S6 60% </div> | |
| 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 | Standard paint finish C2 | | |
| Color | 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 |