



Ordering data: 1LE1003-1DA43-4AB4

Motor type: 1AV3164A

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 _T /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 | 18.50 | - / - | 32.00 | 2955 | 60.0 | 92.4 | 92.4 | 91.4 | 0.90 | 0.88 | 0.83 | 9.0 | 2.8 | 4.2 | IE3 |
| 690 | Y | 50 | 18.50 | - / - | 18.70 | 2955 | 60.0 | 92.4 | 92.4 | 91.4 | 0.90 | 0.88 | 0.83 | 9.0 | 2.8 | 4.2 | IE3 |
| 460 | Δ | 60 | 21.30 | - / - | 32.00 | 3555 | 57.0 | 91.7 | 91.7 | 90.7 | 0.91 | 0.89 | 0.85 | 9.0 | 2.6 | 4.2 | IE3 |
| 460 | Δ | 60 | 18.50 | - / - | 28.50 | 3560 | 49.6 | 91.7 | 91.7 | 90.7 | 0.89 | 0.86 | 0.80 | 10.2 | 3.0 | 4.8 | IE3 |
| IM B3 / IM 1001 | | FS 160 L | | 94 kg | IP55 | | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | | |

| Mechanical data | | | | Terminal box | | | |
|---------------------------------------|---|-----------|--|--------------------------------|----------------------|--|--|
| Sound pressure level 50Hz/60Hz (load) | 70 db(A) | 77 db(A) | | Terminal box position | top | | |
| Moment of inertia | 0.068 kg m ² | | | Material of terminal box | Aluminium | | |
| Bearing DE NDE | 6209 2ZC3 | 6209 2ZC3 | | Type of terminal box | TB1 J00 | | |
| Bearing lifetime | 40000 h | | | Contact screw thread | M5 | | |
| Lubricants | Esso Unirex N3 | | | Max. cross-sectional area | 16.0 mm ² | | |
| Regreasing device | No | | | Cable diameter from ... to ... | 19.0 mm - 28.0 mm | | |
| Grease nipple | - / - | | | Cable entry | 2xM40x1,5-1xM16x1,5 | | |
| Type of bearing | Locating bearing NDE | | | Cable gland | 3 plugs | | |
| Condensate drainage holes | No | | | Environmental conditions | | | |
| External earthing terminal | No | | | Ambient temperature | -20 °C - +40 °C | | |
| Vibration class | A | | | Altitude above sea level | 1000 m | | |
| Insulation | 155(F) to 130(B) | | | Special design | | | |
| Duty type | S1 | | | | | | |
| Direction of rotation | bidirectional | | | | | | |
| Frame material | aluminum | | | | | | |
| Data of anti condensation heating | -/- | | | | | | |
| Coating | Standard paint finish C2 | | | | | | |
| Color | RAL7030 | | | | | | |
| Motor protection | (B) 3 PTC thermistors - for tripping | | | | | | |
| Method of cooling | IC411 - self ventilated, surface cooled | | | | | | |