



Ordering data: 1LE1001-0EA00-2JA4

Bestelldaten:

Motor type: 1AV2090A

Client order no. / Kunden-Auftrags-Nr.:

Item no. / Item-Nr.:

Order no. / Siemens-Auftrags-Nr.:

Consignment no. / Komm.-Nr.:

Offer no. / Angebots-Nr.:

Project / Projekt:

Remarks / Bemerkung:

| 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 _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 | | | | |
| 400 | Y | 50 | 1.50 | - / - | 3.15 | 2885 | 5.0 | 81.3 | 81.3 | 80.3 | 0.84 | 0.80 | 0.71 | 6.9 | 2.7 | 3.6 | IE2 |
| 460 | Y | 60 | 1.75 | - / - | 3.10 | 3480 | 4.8 | 84.0 | 84.0 | 83.0 | 0.85 | 0.81 | 0.73 | 7.4 | 2.6 | 3.8 | IE2 |
| 460 | Y | 60 | 1.50 | - / - | 2.75 | 3505 | 4.1 | 84.0 | 84.0 | 83.0 | 0.82 | 0.77 | 0.67 | 8.5 | 3.1 | 4.5 | IE2 |
| IM B35 / IM 2001 | | FS 90 S | | 13 kg | | IP55 | | IEC/EN 60034 | | IEC, DIN, ISO, VDE, EN | | | | | | | |

Mechanical data / Mechanische Daten

| | | |
|--|---|-----------|
| Sound pressure level 50 Hz/60Hz (load) Schalldruckpegel (L _{pfA}) 50 Hz/60Hz (Last) | 65 db(A) | 69 db(A) |
| Moment of inertia Trägheitsmoment | 0.0017 kg m ² | |
| Bearing DE NDE Lager AS BS | 6205 2ZC3 | 6004 2ZC3 |
| Bearing lifetime Lagerlebensdauer | 40000 h | |
| Lubricants Schmiermittel | Esso Unirex N3 | |
| Regreasing device Nachschmiereinrichtung | No Nein | |
| Grease nipple Schmiernippel | - / - | |
| Type of bearing Art der Lagerung | Preloaded bearing NDE Vorgespanntes Lager NDE (BS) | |
| Condensate drainage holes Kondenswasserlöcher | No Nein | |
| External earthing terminal Äußere Erdungsklemme | No Nein | |
| Vibration class Vibrationsklasse | A | |
| Insulation Isolation | 155(F) to 130(B) 155(F) nach 130(B) | |
| Duty type Betriebsart | S1 | |
| Direction of rotation Drehrichtung | bidirectional bidirektional | |
| Frame material Gehäusematerial | aluminum Aluminium | |
| Data of anti condensation heating Daten Stillstandsheizung | -/- | |
| Coating Anstrich | Standard paint finish C2 Normalanstrich C2 | |
| Color Farbe | RAL7030 | |
| Motor protection Motorschutz | (A) without (Standard) (A) ohne (Standard) | |
| Method of cooling Kühlart | IC411 - self ventilated, surface cooled IC411 - Eigenbelüftet Oberflächengekühlt | |

Terminal box / Anschlusskasten

| | |
|--|------------------------|
| Terminal box position Klemmenkastenlage | top oben |
| Material of terminal box Klemmenkastenmaterial | Aluminium Aluminium |
| Type of terminal box Klemmenkastentyp | TB1 D00 |
| Contact screw thread Gewinde Kontaktschraube | M3,5 |
| Max. cross-sectional area Max. Leiterquerschnitt | 1.5 mm ² |
| Cable diameter from ... to ... Kabeldurchmesser von ... bis ... | 9.0 mm - 17.0 mm |
| Cable entry Kabeleinführung | 1xM25x1,5 |
| Cable gland Kabelverschraubung | 1 plug 1 Stopfen |

Environmental conditions / Umgebungsbedingungen

| | |
|---|-----------------|
| Ambient temperature Umgebungstemperatur | -20 °C - +40 °C |
| Altitude above sea level Höhe über Meeresspiegel | 1000 m |

Special design / Sonderausführung