



MLFB-Bestelldaten: 1LE1503-0EC42-2FA4
MLFB-Ordering data:

Motor Typ: 1CV3094C

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

Item-Nr. / Item no.:

Siemens-Auftrags-Nr. / Order no.:

Komm.-Nr. / Consignment no.:

Angebots-Nr. / Offer no.:

Projekt / Project:

Bemerkung / 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/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 | 1,10 | - / - | 4,95 | 940 | 11,0 | 81,0 | 82,0 | 80,5 | 0,69 | 0,60 | 0,48 | 4,6 | 2,3 | 2,7 | IE3 |
| 400 | Y | 50 | 1,10 | - / - | 2,85 | 940 | 11,0 | 81,0 | 82,0 | 80,5 | 0,69 | 0,60 | 0,48 | 4,6 | 2,3 | 2,7 | IE3 |
| 460 | Y | 60 | 1,27 | - / - | 3,05 | 1140 | 11,0 | 75,0 | 75,8 | 74,6 | 0,70 | 0,62 | 0,49 | 4,6 | 2,2 | 2,8 | IE1 |
| 460 | Y | 60 | 1,10 | - / - | 2,80 | 1150 | 9,1 | 75,0 | 75,1 | 73,0 | 0,66 | 0,57 | 0,44 | 4,9 | 2,5 | 3,2 | IE1 |
| IM B5 / IM 3001 | | FS 90 L | | 32 kg | | IP55 | | IEC/EN 60034 | | | IEC, DIN, ISO, VDE, EN | | | | | | |

Mechanische Daten / Mechanical data

| | | |
|--|---|------------|
| Schalldruckpegel (Lp _{fA}) 50Hz/60Hz (Last) Sound pressure level 50Hz/60Hz (load) | 43 dB(A) | 46 dB(A) |
| Trägheitsmoment Moment of inertia | 0,0048 kg m ² | |
| Lager AS BS Bearing DE NDE | 6205 2Z C3 | 6204 2Z C3 |
| Lagerlebensdauer Bearing lifetime | 40000 h | |
| Schmiermittel Lubricants | Esso Unirex N3 | |
| Nachschmiereinrichtung Regreasing device | Nein No | |
| Schmiernippel Grease nipple | - / - | |
| Art der Lagerung Type of bearing | Vorgespanntes Lager DE (AS) Preloaded bearing DE | |
| Kondenswasserlöcher Condensate drainage holes | Nein No | |
| Äußere Erdungsklemme External earthing terminal | | |
| Schwinggrößenstufe Vibration severity grade | A | |
| Isolation Insulation | 155(F) nach 130(B) 155(F) to 130(B) | |
| Betriebsart Duty type | S1 | |
| Drehrichtung Direction of rotation | bidirektional bidirectional | |
| Gehäusematerial Frame material | Grauguss cast iron | |
| Daten Stillstandsheizung Data of anti condensation heating | - / - | |
| Endanstrich Coating (paint finish) | Normalanstrich C2 Standard paint finish C2 | |
| Farbe, Farbton Color, paint shade | RAL7030 | |
| Motorschutz Motor protection | (A) ohne (Standard) (A) without (Standard) | |
| Kühlart Method of cooling | IC411 - Eigenbelüftet Oberflächengekühlt IC411 - self ventilated, surface cooled | |

Anschlusskasten / Terminal box

| | |
|--|-----------------------|
| Klemmenkastenlage Terminal box position | oben top |
| Klemmenkastenmaterial Material of terminal box | Grauguss cast iron |
| Klemmenkastentyp Type of terminal box | TB1 D01 |
| Gewinde Kontaktschraube Contact screw thread | M4 |
| Max. Leiterquerschnitt Max. cross-sectional area | 1,5 mm ² |
| Kabeldurchmesser von ... bis ... Cable diameter from ... to ... | 9,0 mm - 17,0 mm |
| Kabeleinführung Cable entry | 1xM25x1,5 |
| Kabelverschraubung Cable gland | 1 Stopfen 1 plug |

Sonderausführung / Special design (0)

Umgebungsbedingungen / Environmental conditions

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