



MLFB-Bestelldaten: 1LE1002-0BB32-2FA4  
MLFB-Ordering data:

Motor Typ: 1AV1063B

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               | Δ / Y | f    | P       | P     | I    | n       | M    | NOM. EFF at ... load [%] |      |                        | Power factor at ... load |      |      | I <sub>A</sub> /I <sub>N</sub> | M <sub>A</sub> /M <sub>N</sub> | M <sub>K</sub> /M <sub>N</sub> | IE-CL |
|-----------------|-------|------|---------|-------|------|---------|------|--------------------------|------|------------------------|--------------------------|------|------|--------------------------------|--------------------------------|--------------------------------|-------|
| [V]             |       | [Hz] | [kW]    | [hp]  | [A]  | [1/min] | [Nm] | 4/4                      | 3/4  | 2/4                    | 4/4                      | 3/4  | 2/4  | I <sub>A</sub> /I <sub>N</sub> | T <sub>f</sub> /T <sub>N</sub> | T <sub>B</sub> /T <sub>N</sub> |       |
| 230             | Δ     | 50   | 0,18    | - / - | 1,12 | 1360    | 1,3  | 57,0                     | 55,1 | 47,8                   | 0,71                     | 0,62 | 0,49 | 2,8                            | 1,9                            | 2,1                            | IE1   |
| 400             | Y     | 50   | 0,18    | - / - | 0,64 | 1360    | 1,3  | 57,0                     | 55,1 | 47,8                   | 0,71                     | 0,62 | 0,49 | 2,8                            | 1,9                            | 2,1                            | IE1   |
| 460             | Y     | 60   | 0,21    | - / - | 0,59 | 1670    | 1,2  | 66,0                     | 63,7 | 56,5                   | 0,68                     | 0,58 | 0,47 | 3,2                            | 2,1                            | 2,3                            | IE1   |
|                 |       |      |         |       |      |         |      |                          |      |                        |                          |      |      |                                |                                |                                |       |
| IM B5 / IM 3001 |       |      | FS 63 M |       |      | IP55    |      | IEC/EN 60034             |      | IEC, DIN, ISO, VDE, EN |                          |      |      |                                |                                |                                |       |

| Mechanische Daten / Mechanical data  |  |   | Anschlusskasten / Terminal box                                     |                        |
|--|--|---|--|------------------------|
| Schalldruckpegel (Lp <sub>fA</sub> ) 50Hz/60Hz (Last)<br>Sound pressure level 50Hz/60Hz (load) |  |   | Klemmenkastenlage<br>Terminal box position                         | oben<br>top            |
| Trägheitsmoment<br>Moment of inertia   |  | 0,00037 kg m²   | Klemmenkastenmaterial<br>Material of terminal box                  | Aluminium<br>Aluminium |
| Lager AS   BS<br>Bearing DE   NDE  |  | 6201 2ZC3   6201 2ZC3   | Klemmenkastentyp<br>Type of terminal box                           | TB1 B00                |
| Lagerlebensdauer<br>Bearing lifetime   |  | 40000 h   | Gewinde Kontaktschraube<br>Contact screw thread                    | M4                     |
| Schmiermittel<br>Lubricants  |  | Esso Unirex N3  | Max. Leiterquerschnitt<br>Max. cross-sectional area                | 1,5 mm²                |
| Nachschmiereinrichtung<br>Regreasing device  |  | Nein<br>No  | Kabeldurchmesser von ... bis ...<br>Cable diameter from ... to ... | 9,0 mm - 17,0 mm       |
| Schmiernippel<br>Grease nipple   |  | - / -   | Kabeleinführung<br>Cable entry                                     | - / -                  |
| Art der Lagerung<br>Type of bearing  |  | Vorgespanntes Lager DE (AS)<br>Preloaded bearing DE                                 | Kabelverschraubung<br>Cable gland                                  | - / -                  |
| Kondenswasserlöcher<br>Condensate drainage holes   |  | Nein<br>No  | Sonderausführung / Special design (0)                              |                        |
| Äußere Erdungsklemme<br>External earthing terminal   |  |   |  |                        |
| Schwinggrößenstufe<br>Vibration severity grade   |  | A   |  |                        |
| Isolation<br>Insulation  |  | 155(F) nach 130(B)<br>155(F) to 130(B)  |  |                        |
| Betriebsart<br>Duty type   |  | S1  |  |                        |
| Drehrichtung<br>Direction of rotation  |  | bidirektional<br>bidirectional  |  |                        |
| Gehäusematerial<br>Frame material  |  | Aluminium<br>aluminum   |  |                        |
| Daten Stillstandsheizung<br>Data of anti condensation heating                                  |  | -/-   |  |                        |
| Endanstrich<br>Coating (paint finish)  |  | Normalanstrich C2<br>Standard paint finish C2                                       |  |                        |
| Farbe, Farbton<br>Color, paint shade   |  | RAL7030   |  |                        |
| Motorschutz<br>Motor protection  |  | (A) ohne (Standard)<br>(A) without (Standard)                                       |  |                        |
| Kühlart<br>Method of cooling   |  | IC411 - Eigenbelüftet Oberflächengekühlt<br>IC411 - self ventilated, surface cooled |  |                        |

| Umgebungsbedingungen / Environmental conditions     |                 |
|---|-----------------|
| Umgebungstemperatur<br>Ambient temperature          | -20 °C - +40 °C |
| Höhe über Meeresspiegel<br>Altitude above sea level | 1000 m          |