

MLFB-Ordering data: 1LE1002-0BA29-0AA4  
MLFB-Bestelldaten: M1Y



Motor type: 1AV1062A

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

Order no. / Siemens-Auftrags-Nr.:

Offer no. / Angebots-Nr.:

Remarks / Bemerkung:

Item no. / Item-Nr.:

Consignment no. / Komm.-Nr.:

Project / Projekt:

| 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> |       |
| 380             | Y   | 60   | 0.18    | - / - | 0.57 | 3405    | 0.6          | 62.0                     | 59.7                   | 53.0 | 0.78                     | 0.68 | 0.55 | 3.9                            | 1.9                            | 2.5                            | IE1   |
| IM B3 / IM 1001 |     |      | FS 63 M |       | 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.  
Es handelt sich um gerechnete Werte. Die finalen Leistungsschilddaten werden im Auftragsfall ermittelt.  
Wirkungsgradwerte und Wirkungsgradklasse nach EuP Richtlinie gelten für Normleistungen unter Normbedingungen.

| Mechanical data / Mechanische Daten  |   | Terminal box / Anschlusskasten                                     |   |
|--|---|--|---|
| Sound pressure level 50Hz/60Hz (load)<br>Schalldruckpegel (LpA) 50Hz/60Hz (Last) |   | Terminal box position<br>Klemmenkastenlage                         | top<br>oben   |
| Moment of inertia<br>Trägheitsmoment   | 0.00018 kg m <sup>2</sup>   | Material of terminal box<br>Klemmenkastenmaterial                  | Aluminium<br>Aluminium  |
| Bearing DE   NDE<br>Lager AS   BS  | 6201 2ZC3   6201 2ZC3   | Type of terminal box<br>Klemmenkastentyp                           | TB1 B00   |
| Bearing lifetime<br>Lagerlebensdauer   | 40000 h   | Contact screw thread<br>Gewinde Kontaktschraube                    | M4  |
| Lubricants<br>Schmiermittel  | Unirex N3   | Max. cross-sectional area<br>Max. Leiterquerschnitt                | 1.5 mm <sup>2</sup>   |
| Regreasing device<br>Nachschmiereinrichtung                                      | No<br>Nein  | Cable diameter from ... to ...<br>Kabeldurchmesser von ... bis ... | 9.0 mm - 17.0 mm  |
| Grease nipple<br>Schmiernippel   | - / -   | Cable entry<br>Kabeleinführung                                     | - / -   |
| Type of bearing<br>Art der Lagerung  | Preloaded bearing DE<br>Vorgespanntes Lager DE (AS)                                 | Cable gland<br>Kabelverschraubung                                  | - / -   |
| Condensate drainage holes<br>Kondenswasserlöcher                                 | No<br>Nein  | Special design / Sonderausführung (1)                              |   |
| External earthing terminal<br>Äußere Erdungsklemme                               |   |  |   |
| Vibration severity grade<br>Schwinngrößenstufe                                   | A   | M1Y  | Non-standard winding: 380VY_60Hz_0.18kW<br>Anormale Wicklung: 380VY_60Hz_0.18kW |
| Insulation<br>Isolation  | 155(F) to 130(B)<br>155(F) nach 130(B)  |  |   |
| Duty type<br>Betriebsart   | S1  |  |   |
| Direction of rotation<br>Drehrichtung  | bidirectional<br>bidirektional  |  |   |
| Frame material<br>Gehäusematerial  | aluminum<br>Aluminium   |  |   |
| Data of anti condensation heating<br>Daten Stillstandsheizung                    | -/-   |  |   |
| Coating (paint finish)<br>Endanstrich  | Standard paint finish C2<br>Normalanstrich C2                                       |  |   |
| Color, paint shade<br>Farbe, Farbton   | RAL7030   |  |   |
| Motor protection<br>Motorschutz  | (A) without (Standard)<br>(A) ohne (Standard)                                       |  |   |
| Method of cooling<br>Kühlart   | IC411 - self ventilated, surface cooled<br>IC411 - Eigenbelüftet Oberflächengekühlt |  |   |

### Environmental conditions / Umgebungsbedingungen

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

### Notes

I<sub>A</sub>/I<sub>N</sub> = locked rotor current / current nominal M<sub>K</sub>/M<sub>N</sub> = break down torque / nominal torque  
M<sub>A</sub>/M<sub>N</sub> = locked rotor torque / torque nominal 1) Value is valid only for DOL operation with motor design IC411