



Ordering data: 1LE1003-1CB03-4JA4

Motor type: 1AV3130B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

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> |       |
| 400              | Δ   | 50   | 5.50     | - / - | 10.50 | 1470    | 36.0 | 89.6                     | 90.1 | 89.5                   | 0.84                     | 0.79 | 0.69 | 7.2                            | 2.1                            | 3.4                            | IE3   |
| 690              | Y   | 50   | 5.50     | - / - | 6.20  | 1470    | 36.0 | 89.6                     | 90.1 | 89.5                   | 0.84                     | 0.79 | 0.69 | 7.2                            | 2.1                            | 3.4                            | IE3   |
| 460              | Δ   | 60   | 6.30     | - / - | 10.50 | 1770    | 33.0 | 89.5                     | 89.8 | 89.1                   | 0.84                     | 0.80 | 0.71 | 7.3                            | 2.3                            | 3.4                            | IE2   |
| 460              | Δ   | 60   | 5.50     | - / - | 9.30  | 1775    | 30.0 | 89.5                     | 89.4 | 88.2                   | 0.83                     | 0.78 | 0.68 | 8.2                            | 2.6                            | 3.9                            | IE2   |
| IM B35 / IM 2001 |     |      | FS 132 S |       | 64 kg | 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.

| Mechanical data                       |                                         |           |
|---------------------------------------|-----------------------------------------|-----------|
| Sound pressure level 50Hz/60Hz (load) | 64 dB(A)                                | 68 dB(A)  |
| Moment of inertia                     | 0.046 kg m²                             |           |
| Bearing DE   NDE                      | 6208 2ZC3                               | 6208 2ZC3 |
| Bearing lifetime                      | 40000 h                                 |           |
| Lubricants                            | Esso Unirex N3                          |           |
| Regreasing device                     | No                                      |           |
| Grease nipple                         | - / -                                   |           |
| Type of bearing                       | Preloaded bearing DE                    |           |
| Condensate drainage holes             | No                                      |           |
| External earthing terminal            | No                                      |           |
| Vibration class                       | A                                       |           |
| Insulation                            | 155(F) to 130(B)                        |           |
| Duty type                             | S1                                      |           |
| Direction of rotation                 | bidirectional                           |           |
| Frame material                        | aluminum                                |           |
| Data of anti condensation heating     | -/-                                     |           |
| Coating                               | Standard paint finish C2                |           |
| Color                                 | RAL7030                                 |           |
| Motor protection                      | (A) without (Standard)                  |           |
| Method of cooling                     | IC411 - self ventilated, surface cooled |           |

| Terminal box                   |                   |
|--------------------------------|-------------------|
| Terminal box position          | top               |
| Material of terminal box       | Aluminium         |
| Type of terminal box           | TB1 H00           |
| Contact screw thread           | M4                |
| Max. cross-sectional area      | 6.0 mm²           |
| Cable diameter from ... to ... | 11.0 mm - 21.0 mm |
| Cable entry                    | 2xM32x1,5         |
| Cable gland                    | 2 plugs           |

Special design

| Environmental conditions |                 |
|--------------------------|-----------------|
| Ambient temperature      | -20 °C - +40 °C |
| Altitude above sea level | 1000 m          |