

MLFB-Ordering data: 1LE0323-1AA43-4AA4



### Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

| U<br>[V] | Δ / Y | f<br>[Hz] | P<br>[kW] | P<br>[hp] | I<br>[A] | n<br>[1/min] | M<br>[Nm]    | 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 |
|----------|-------|-----------|-----------|-----------|----------|--------------|--------------|--------------------------|------|------------------------|--------------------------|-------|-------|--------------------------------|--------------------------------|--------------------------------|-------|
|          |       |           |           |           |          |              |              | 4/4                      | 3/4  | 2/4                    | 4/4                      | 3/4   | 2/4   | I <sub>I</sub> /I <sub>N</sub> | T <sub>I</sub> /T <sub>N</sub> | T <sub>B</sub> /T <sub>N</sub> |       |
| 400      | Δ     | 50        | 3         | - / -     | 5.7      | 2875         | 10.0         | 87.1                     | 88.3 | 88.3                   | 0.87                     | - / - | - / - | 7.8                            | 2.6                            | 3.6                            | IE3   |
| 690      | Y     | 50        | 3         | - / -     | 3.3      | 2875         | 10.0         | 87.1                     | 88.3 | 88.3                   | 0.87                     | - / - | - / - | 7.8                            | 2.6                            | 3.6                            | IE3   |
|          |       |           |           |           |          |              |              |                          |      |                        |                          |       |       |                                |                                |                                |       |
|          |       |           |           |           |          |              |              |                          |      |                        |                          |       |       |                                |                                |                                |       |
| IM B3    |       |           | FS 100L   |           | 29 kg    | IP55         | IEC/EN 60034 |                          |      | IEC, DIN, ISO, VDE, EN |                          |       |       |                                |                                |                                |       |

### Mechanical data

|                                   |                                         |            |
|-----------------------------------|-----------------------------------------|------------|
| Sound pressure level 50Hz/60Hz    | 60 dB(A)                                | - / -      |
| Moment of inertia                 | 0.004619 kgm <sup>2</sup>               |            |
| Bearing DE   NDE                  | 6206 2Z C3                              | 6206 2Z C3 |
| Bearing lifetime                  | - / -                                   |            |
| Lubricants                        | - / -                                   |            |
| Regreasing device                 | No                                      |            |
| Grease nipple                     | - / -                                   |            |
| Type of bearing                   | floating bearing DE and NDE             |            |
| Condensate drainage holes         | No                                      |            |
| External earthing terminal        | No                                      |            |
| Vibration class                   | A                                       |            |
| Insulation                        | 155(F)                                  |            |
| Duty type                         | S1                                      |            |
| Direction of rotation             | bidirectional                           |            |
| Frame material                    | cast aluminum                           |            |
| Data of anti condensation heating | -/-                                     |            |
| Coating                           | Yes                                     |            |
| Color                             | RAL7030                                 |            |
| Motor protection                  | - / -                                   |            |
| Method of cooling                 | IC411 - self ventilated, surface cooled |            |

### Terminal box

|                          |                 |
|--------------------------|-----------------|
| Terminal box position    | top             |
| Material of terminal box | cast aluminum   |
| Type of terminal box     | - / -           |
| Gland size / Plug size   | M32x1.5/M32x1.5 |
| Cable diameter           | 18~25           |
| Max. auxiliary terminals | - / -           |
| Auxiliary cable entry    | - / -           |
| Main terminal thread     | 6xM4            |

### Special design

### Environmental conditions

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

Unrestricted

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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