

# SIEMENS

## Data sheet for SIMOTICS 1LE0323 Low-Voltage Motor

MLFB-Ordering data: 1LE0323-1DA23-4AA4



**Motor type:**

Client order no.:

Order no.:

Offer no.:

Remarks:

| U<br>[V] | Δ/Y | f<br>[Hz] | P       |       | 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><br>I <sub>1</sub> /I <sub>N</sub> | M <sub>A</sub> /M <sub>N</sub><br>T <sub>1</sub> /T <sub>N</sub> | M <sub>K</sub> /M <sub>N</sub><br>T <sub>B</sub> /T <sub>N</sub> | IE-CL |
|----------|-----|-----------|---------|-------|----------|--------------|--------------|--------------------------|------|------------------------|--------------------------|-------|-------|--|--|--|-------|
|          |     |           | [kW]    | [hp]  |          |              |              | 4/4                      | 3/4  | 2/4                    | 4/4                      | 3/4   | 2/4   |  |  |  |       |
| 400      | Δ   | 50        | 11      | - / - | 19.6     | 2935         | 35.8         | 91.2                     | 92.0 | 91.7                   | 0.89                     | - / - | - / - | 7.5  | 2.3  | 2.5  | IE3   |
| 690      | Y   | 50        | 11      | - / - | 11.3     | 2935         | 35.8         | 91.2                     | 92.0 | 91.7                   | 0.89                     | - / - | - / - | 7.5  | 2.3  | 2.5  | IE3   |
| IM B3    |     |           | FS 160M |       | 99 kg    | IP55         | IEC/EN 60034 |                          |      | IEC, DIN, ISO, VDE, EN |                          |       |       |  |  |  |       |

### Mechanical data

|                                   |   |       |
|-----------------------------------|---|-------|
| Sound pressure level 50Hz/60Hz    | 69 dB(A)                                | - / - |
| Moment of inertia                 | 0.03903 kgm <sup>2</sup>                |       |
| Bearing DE   NDE                  | 6209 2Z C3 6209 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 iron   |
| Type of terminal box     | - / -       |
| Gland size / Plug size   | M36x2/M36x2 |
| Cable diameter           | 18~25       |
| Max. auxiliary terminals | - / -       |
| Auxiliary cable entry    | - / -       |
| Main terminal thread     | 6xM5        |

### 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.

Page 1/1

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