

SIEMENS

Data sheet for SIMOTICS 1LE0323 Low-Voltage Motor

MLFB-Ordering data: 1LE0323-1AB53-4AA4



Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

| U [V] | Δ/Y | f [Hz] | P [kW] | P [hp] | I [A] | n [1/min] | M [Nm] | NOM. EFF at ... load [%] | | | Power factor at ... load | | | I _A /I _N I ₁ /I _N | M _A /M _N T ₁ /T _N | M _K /M _N T _B /T _N | IE-CL |
|----------|-----|-----------|-----------|-----------|----------|--------------|--------------|--------------------------|------|------------------------|--------------------------|-------|-------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 400 | Δ | 50 | 3 | - / - | 6.1 | 1450 | 19.8 | 87.7 | 88.1 | 87.1 | 0.81 | - / - | - / - | 8.3 | 3.7 | 4.6 | IE3 |
| 690 | Y | 50 | 3 | - / - | 3.55 | 1450 | 19.8 | 87.7 | 88.1 | 87.1 | 0.81 | - / - | - / - | 8.3 | 3.7 | 4.6 | IE3 |
| IM B3 | | | FS 100L | | 36 kg | IP55 | IEC/EN 60034 | | | IEC, DIN, ISO, VDE, EN | | | | | | | |

Mechanical data

| | | |
|-----------------------------------|---|-------|
| Sound pressure level 50Hz/60Hz | 52 dB(A) | - / - |
| Moment of inertia | 0.01313 kgm ² | |
| 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.