

# SIEMENS

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

MLFB-Ordering data: 1LE0323-1AB42-2AA4



**Motor type:**

Client order no.:

Order no.:

Offer no.:

Remarks:

U [V]	Δ/Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub> I <sub>1</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>1</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	2.2	- / -	7.9	1445	14.5	86.7	87.1	85.7	0.81	- / -	- / -	8.3	3.7	4.6	IE3
400	Y	50	2.2	- / -	4.5	1445	14.5	86.7	87.1	85.7	0.81	- / -	- / -	8.3	3.7	4.6	IE3
IM B3			FS 100L		32 kg	IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN							

### Mechanical data

Sound pressure level 50Hz/60Hz	52 dB(A) - / -
Moment of inertia	0.01125 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.