

# SIEMENS

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

MLFB-Ordering data: 1LE0323-1DB23-4AA4



**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 <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
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	11	- / -	20	1460	72.0	91.4	92.4	92.6	0.86	- / -	- / -	7.8	2.4	3.8	IE3
690	Y	50	11	- / -	11.7	1460	72.0	91.4	92.4	92.6	0.86	- / -	- / -	7.8	2.4	3.8	IE3
IM B3			FS 160M		110 kg	IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN							

### Mechanical data

Sound pressure level 50Hz/60Hz	61 dB(A)	- / -
Moment of inertia	0.06482 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.

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