

# SIEMENS

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

MLFB-Ordering data: 1LE0323-0EB02-2AA4



**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	1.1	- / -	4.15	1430	7.3	84.1	85.1	83.9	0.79	- / -	- / -	6.5	2.7	3.7	IE3
400	Y	50	1.1	- / -	2.4	1430	7.3	84.1	85.1	83.9	0.79	- / -	- / -	6.5	2.7	3.7	IE3
IM B3			FS 90S		18.5 kg	IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

### Mechanical data

Sound pressure level 50Hz/60Hz	47 dB(A)	- / -
Moment of inertia	0.003888 kgm <sup>2</sup>	
Bearing DE   NDE	6205 2Z C3 6205 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	M25x1.5/M16x1.5
Cable diameter	13~18
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.