

Data sheet for SIMOTICS S-1FK2

MLFB-Ordering data

1FK2104-6AF00-0MB0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Basic motor data		Mechanical data	
Motor type	Permanent-magnet synchronous motor, Natural cooling, IP64	Design acc. to Code I	IM B5 (IM V1, IM V3)
Motor type	High Dynamic	Vibration severity grade	Grade A
Static torque	3.20 Nm	Shaft height	40
Static current	3.0 A	Flange size (AB)	80 mm
Maximum torque	10.00 Nm	Centering ring (N)	70 mm
Maximum current	10.9 A	Hole circle (M)	90 mm
Maximum speed	7200 rpm	Screw-on hole (S)	6.5 mm
Rotor moment of inertia	0.00007600 kgm ²	Overall length (LB)	144 mm
Weight	3.4 kg	Diameter of shaft (D)	19 mm
		Length of shaft (E)	40 mm
		Length of flange diagonal (P)	105 mm
		Shaft extension	Plain shaft
		Color of the housing	Standard (Anthracite, similar to RAL 7016)

Rated data

SINAMICS S120, BLM/SLM 3AC 400V

Rated speed	3000 rpm
Rated torque	3.20 Nm
Rated current	3.0 A
Rated power	1.00 kW

Encoder system

Encoder system	Encoder AM22DQC: Absolute encoder 22 bit + 12 bit multiturn
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Motor connection

Connection type	Double cable connection for S120
Connector size	M17

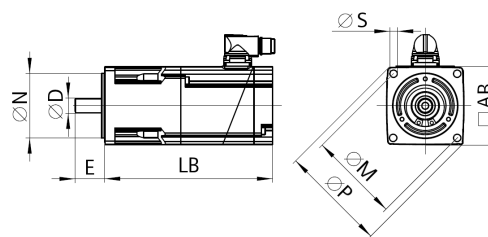


Figure similar