

## Data sheet for SIMOTICS S-1FK2

MLFB-Ordering data

1FK2104-5AF00-1MB0



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	2.40 Nm	Shaft height	40
Static current	2.1 A	Flange size (AB)	80 mm
Maximum torque	7.50 Nm	Centering ring (N)	70 mm
Maximum current	7.6 A	Hole circle (M)	90 mm
Maximum speed	6700 rpm	Screw-on hole (S)	6.5 mm
Rotor moment of inertia	0.00005600 kgm <sup>2</sup>	Overall length (LB)	126 mm
Weight	2.9 kg	Diameter of shaft (D)	19 mm
		Length of shaft (E)	40 mm
		Length of flange diagonal (P)	105 mm
		Shaft extension	Fitted key
		Color of the housing	Standard (Anthracite, similar to RAL 7016)

Rated data	
SINAMICS S120, BLM/SLM 3AC 400V	
Rated speed	3000 rpm
Rated torque	2.40 Nm
Rated current	2.1 A
Rated power	0.75 kW

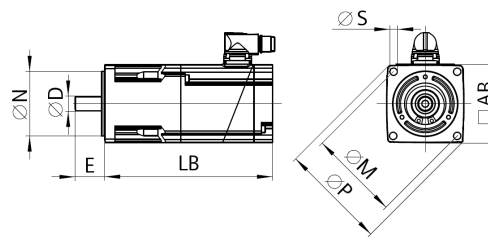


Figure similar

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

Motor connection	
Connection type	Double cable connection for S120
Connector size	M17