SIEMENS

Data sheet for SIMOTICS S-1FK2

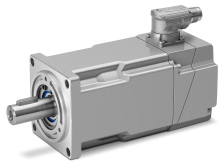


Figure similar

MLFB-Ordering data **1FK2104-4AF00-1MA0**

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Basic motor data

Motor type	Permanent-magnet synchronous motor, Natural cooling, IP64
Motor type	High Dynamic
Static torque	1.27 Nm
Static current	1.2 A
Maximum torque	3.75 Nm
Maximum current	4.2 A
Maximum speed	7200 rpm
Rotor moment of inertia	0.350 kgcm²
Weight	2.0 kg

Rated data

SINAMICS S210, 3AC 400V

Rated speed	3000 rpm
Rated torque	1.27 Nm
Rated current	1.2 A
Rated power	0.40 kW

Encoder system

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

Motor connection

Connection type	OCC for S210
Connector size	M17

Mechanical data

Design acc. to Code I	IM B5 (IM V1, IM V3)
Vibration severity grade	Grade A
Shaft height	40
Flange size (AB)	80 mm
Centering ring (N)	70 mm
Hole circle (M)	90 mm
Screw-on hole (S)	6.5 mm
Overall length (LB)	98 mm
Diameter of shaft (D)	19 mm
Length of shaft (E)	40 mm
Length of flange diagonal (P)	105 mm
Shaft extension	Fitted key

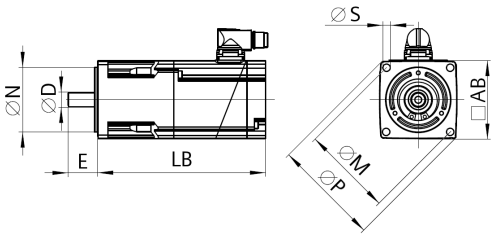


Figure similar