

Data sheet for SIMOTICS S-1FK2

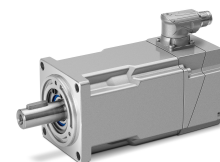


Figure similar

MLFB-Ordering data

1FK2210-4AB01-1SA0

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, IP65	Design acc. to Code I	IM B5 (IM V1, IM V3)
Motor type	Compact	Vibration severity grade	Grade A
Static torque	40.00 Nm	Shaft height	100
Static current	11.8 A	Flange size (AB)	192 mm
Maximum torque	120.00 Nm	Centering ring (N)	180 mm
Maximum current	43.5 A	Hole circle (M)	215 mm
Maximum speed	2500 rpm	Screw-on hole (S)	14.0 mm
Rotor moment of inertia	117.000 kgcm ²	Overall length (LB)	223 mm
Weight	27.0 kg	Diameter of shaft (D)	38 mm
		Length of shaft (E)	80 mm
		Length of flange diagonal (P)	244 mm
		Shaft extension	Fitted key

Rated data

SINAMICS S210, 3AC 400V

Rated speed	1500 rpm
Rated torque	34.50 Nm
Rated current	10.4 A
Rated power	5.40 kW

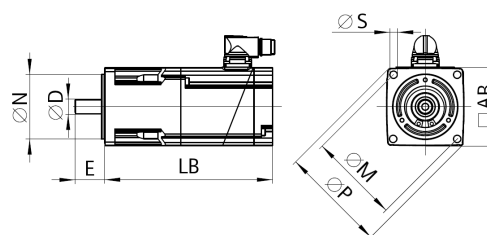


Figure similar

Encoder system

Encoder system	Encoder AS22DQC: Absolute encoder single turn 22 bit
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Motor connection

Connection type	OCC for S210
Connector size	M23