

Data sheet for SIMOTICS S-1FK2

MLFB-Ordering data 1FK2203-2AG00-1SA0



Figure similar

Client order no. : Order no. : Offer no. : Remarks : Item no. : Consignment no. : Project :

Shaft extension

Basic motor data		
Motor type	Permanent-magnet synchronous motor, Natural cooling, IP64	
Motor type	Compact	
Static torque	0.64 Nm	
Static current	1.4 A	
Maximum torque	1.85 Nm	
Maximum current	4.2 A	
Maximum speed	8000 rpm	
Rotor moment of inertia	0.200 kgcm²	
Weight	1.1 kg	

Rated data

SINAMICS S210, 1AC 230V

Rated speed	3000 rpm
Rated torque	0.64 Nm
Rated current	1.4 A
Rated power	0.20 kW

Encoder system

Encoder system Encoder AS22DQC: Absolute encoder single turn 22 bit

Motor connection		
Connection type	OCC for S210	
Connector size	M12	

Mechanical data		
Design acc. to Code I	IM B5 (IM V1, IM V3)	
Vibration severity grade	Grade A	
Shaft height	30	
Flange size (AB)	60 mm	
Centering ring (N)	50 mm	
Hole circle (M)	70 mm	
Screw-on hole (S)	5.5 mm	
Overall length (LB)	99 mm	
Diameter of shaft (D)	14 mm	
Length of shaft (E)	30 mm	
Length of flange diagonal (P)	81 mm	

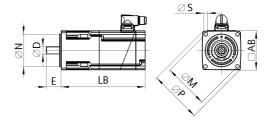


Figure similar

Fitted key