

## Data sheet for SIMOTICS S-1FK2



Figure similar

MLFB-Ordering data      1FK2103-2AG00-2MA0

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

Item no. :  
Consignment no. :  
Project :

Basic motor data	Mechanical data
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Motor type	Permanent-magnet synchronous motor, Natural cooling, IP64
Motor type	High Dynamic
Static torque	0.64 Nm
Static current	1.4 A
Maximum torque	1.95 Nm
Maximum current	4.8 A
Maximum speed	8000 rpm
Rotor moment of inertia	0.00000930 kgm <sup>2</sup>
Weight	1.2 kg

Rated data
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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
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Encoder system	Encoder AM22DQC: Absolute encoder 22 bit + 12 bit multiturn
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Motor connection
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Connection type	OCC for S210
Connector size	M12

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)	11 mm
Length of shaft (E)	23 mm
Length of flange diagonal (P)	81 mm
Shaft extension	Plain shaft
Color of the housing	Standard (Anthracite, similar to RAL 7016)

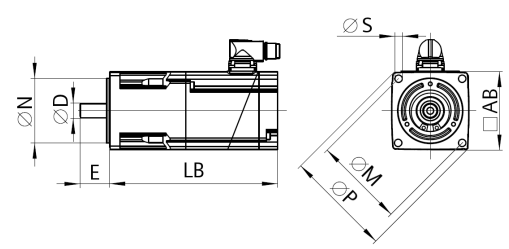


Figure similar