

Data sheet for SIMOTICS S-1FT2

Article No. : 1FT2210-5AB02-3SA0



Figure similar

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

Item no. :
Consignment no. :
Project :

Basic motor data

Motor type	Permanent-magnet synchronous motor, Natural cooling, IP67
Motor type	Compact
Static torque	50.00 Nm
Static current	15.0 A
Maximum torque	150.00 Nm
Maximum current	55.0 A
Maximum speed	2,850 rpm
Rotor moment of inertia	145.0000 kgcm ²
Weight	32.0 kg

Rated data

SINAMICS S210, 3AC 400V

Rated speed	1,500 rpm
Rated torque	39.00 Nm
Rated current	12.1 A
Rated power	6.10 kW

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 OCC	M23

Mechanical data

Design acc. to Code I	IM B5 (IM V1, IM V3)
Vibration severity grade	Grade A
Shaft height	100
Flange size (AB)	192 mm
Centering ring (N)	180 mm
Hole circle (M)	215 mm
Screw-on hole (S)	14.0 mm
Overall length (LB)	248 mm
Diameter of shaft (D)	32 mm
Length of shaft (E)	58 mm
Length of flange diagonal (P)	244 mm
Shaft end	Fitted key
Color of the housing	Standard (Anthracite, similar to RAL 7016)

