

Data sheet for SIMOTICS S-1FT2

Article No. : 1FT2208-5SB00-1SA0

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

Item no. :
Consignment no. :
Project :



Figure similar

Basic motor data	
Motor type	Permanent-magnet synchronous motor, Forced ventilation, IP64
Motor type	Compact
Static torque	35.00 Nm
Static current	10.7 A
Maximum torque	80.00 Nm
Maximum current	29.5 A
Maximum speed	2,900 rpm
Rotor moment of inertia	48.1000 kgcm ²
Weight	20.0 kg

Rated data	
SINAMICS S210, 3AC 400V	
Rated speed	1,500 rpm
Rated torque	24.00 Nm
Rated current	10.2 A
Rated power	5.10 kW

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

Motor connection	
Connection type	OCC for S210
Connector size	M23

Mechanical data	
Design acc. to Code I	IM B5 (IM V1, IM V3)
Vibration severity grade	Grade A
Shaft height	80
Flange size (AB)	155 mm
Centering ring (N)	130 mm
Hole circle (M)	165 mm
Screw-on hole (S)	11.0 mm
Overall length (LB)	323 mm
Diameter of shaft (D)	32 mm
Length of shaft (E)	58 mm
Length of flange diagonal (P)	194 mm
Shaft end	Fitted key
Color of the housing	Standard (Anthracite, similar to RAL 7016)

