SIEMENS

Data sheet for SIMOTICS S-1FT2

Article No. : **1FT2108-4AC02-1SA0**



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	High Dynamic
Static torque	25.00 Nm
Static current	14.8 A
Maximum torque	87.00 Nm
Maximum current	77.0 A
Maximum speed	5,600 rpm
Rotor moment of inertia	18.3000 kgcm²
Weight	17.0 kg

Rated data	
SINAMICS S210, 3AC 400V	
Rated speed	2,000 rpm
Rated torque	20.50 Nm
Rated current	12.8 A
Rated power	4.30 kW

Encoder system	
Encoder system	Encoder AS22DQC: Absolute encoder single turn 22 bit
Safety Integrated - Suitable encoder	Yes

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	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)	227 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)

