

Data sheet for SIMOTICS S-1FK2

Article No. : 1FK2308-4AB00-0MB0



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, IP64
Motor type	High Inertia
Static torque	22.00 Nm
Static current	7.1 A
Maximum torque	66.00 Nm
Maximum current	25.0 A
Maximum speed	3,000 rpm
Rotor moment of inertia	69.1000 kgcm ²
Weight	18.5 kg

Rated data	
SINAMICS S120, BLM/SLM 3AC 400V	
Rated speed	1,500 rpm
Rated torque	18.60 Nm
Rated current	6.4 A
Rated power	2.90 kW

Encoder system	
Encoder system	Encoder AM22DQC: Absolute encoder 22 bit + 12 bit multiturn

Motor connection	
Connection type	Double cable connection for S120
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)	256 mm
Diameter of shaft (D)	32 mm
Length of shaft (E)	58 mm
Length of flange diagonal (P)	200 mm
Shaft end	Plain shaft

