

Article No. : 1FT2210-5AB10-1MB0

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



Figure similar

Item no. :
Consignment no. :
Project :

Basic motor data	
Motor type	Permanent-magnet synchronous motor, Natural cooling, IP64
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	161.0000 kgcm ²
Weight	36.0 kg

Rated data	
SINAMICS S120, BLM/SLM 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 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	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)	307 mm
Diameter of shaft (D)	38 mm
Length of shaft (E)	80 mm
Length of flange diagonal (P)	244 mm
Shaft end	Fitted key
Color of the housing	Standard (Anthracite, similar to RAL 7016)



Holding brake	
Holding torque	55.00 Nm
Average dynamic torque	26.00 Nm
Opening time	220 ms
Closing time	80 ms
Maximum single switching energy ¹⁾	8,700 J
Service life, operating energy	3,800,000 J
Rated current ²⁾	1 A

¹⁾Up to three consecutive emergency stops and up to 25% of all emergency stops as a Wmax high energy stop possible.
²⁾Typical value for 20°C ambient temperature. At -15°C the break-induced currents can be increased by up to 30%.