

Article No. : 1FK2206-2AF01-1MB0

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

Item no. :
Consignment no. :
Project :



Figure similar

Basic motor data	
Motor type	Permanent-magnet synchronous motor, Natural cooling, IP65
Motor type	Compact
Static torque	6.50 Nm
Static current	5.0 A
Maximum torque	18.00 Nm
Maximum current	17.8 A
Maximum speed	6,000 rpm
Rotor moment of inertia	7.8000 kgcm ²
Weight	6.3 kg

Rated data	
SINAMICS S120, BLM/SLM 3AC 400V	
Rated speed	3,000 rpm
Rated torque	5.40 Nm
Rated current	4.4 A
Rated power	1.71 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	63
Flange size (AB)	125 mm
Centering ring (N)	110 mm
Hole circle (M)	130 mm
Screw-on hole (S)	9.0 mm
Overall length (LB)	154 mm
Diameter of shaft (D)	24 mm
Length of shaft (E)	50 mm
Length of flange diagonal (P)	158 mm
Shaft end	Fitted key
Color of the housing	Standard (Anthracite, similar to RAL 7016)

