



Figure similar

MLFB-Ordering data 1FK2103-4AG11-0SA0

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

Item no. :
Consignment no. :
Project :

| Basic motor data | | Mechanical data | |
|-------------------------|---|-------------------------------|----------------------|
| Motor type | Permanent-magnet synchronous motor, Natural cooling, IP65 | Design acc. to Code I | IM B5 (IM V1, IM V3) |
| Motor type | High Dynamic | Vibration severity grade | Grade A |
| Static torque | 1.27 Nm | Shaft height | 30 |
| Static current | 2.4 A | Flange size (AB) | 60 mm |
| Maximum torque | 4.05 Nm | Centering ring (N) | 50 mm |
| Maximum current | 8.7 A | Hole circle (M) | 70 mm |
| Maximum speed | 7300 rpm | Screw-on hole (S) | 5.5 mm |
| Rotor moment of inertia | 0.158 kgcm² | Overall length (LB) | 155 mm |
| Weight | 2.1 kg | Diameter of shaft (D) | 14 mm |
| | | Length of shaft (E) | 30 mm |
| | | Length of flange diagonal (P) | 81 mm |
| | | Shaft extension | Plain shaft |

Rated data

SINAMICS S210, 1AC 230V

| | |
|---------------|----------|
| Rated speed | 3000 rpm |
| Rated torque | 1.27 Nm |
| Rated current | 2.4 A |
| Rated power | 0.40 kW |

Encoder system

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

Motor connection

| | |
|-----------------|--------------|
| Connection type | OCC for S210 |
| Connector size | M12 |

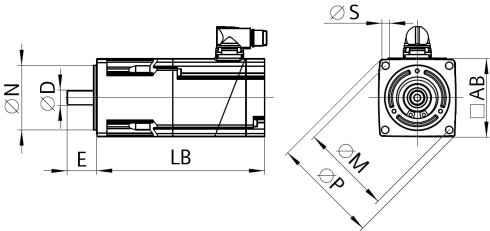


Figure similar

1FK2103-4AG11-0SA0

| Holding brake | |
|--|---------|
| Holding torque | 1.30 Nm |
| Opening time | 40 ms |
| Closing time | 10 ms |
| Maximum single switching energy ¹⁾ | 62.0 J |
| Service life, operating energy | 17500 J |
| Holding current | 0.15 A |
| Break-induced current for 500 ms ²⁾ | 0.8 A |

¹⁾ Up to three consecutive emergency stops and up to 25% of all emergency stops as a W_{max} 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%.