

Article No. :

1FK2208-4AC10-0SA0

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



Figure similar

Item no. :
Consignment no. :
Project :

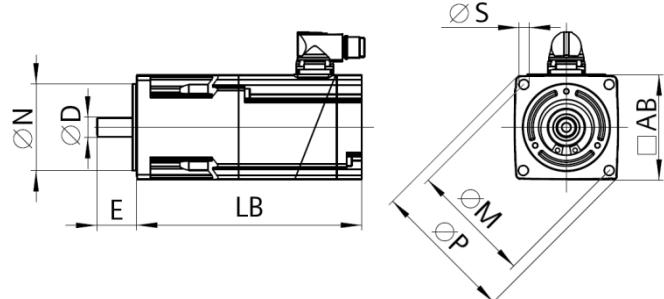
| Basic motor data | |
|-------------------------|---|
| Motor type | Permanent-magnet synchronous motor, Natural cooling, IP64 |
| Motor type | Compact |
| Static torque | 22.00 Nm |
| Static current | 11.7 A |
| Maximum torque | 66.00 Nm |
| Maximum current | 43.5 A |
| Maximum speed | 4,600 rpm |
| Rotor moment of inertia | 44.4000 kgcm ² |
| Weight | 17.3 kg |

| Rated data | |
|-------------------------|-----------|
| SINAMICS S210, 3AC 400V | |
| Rated speed | 2,000 rpm |
| Rated torque | 17.00 Nm |
| Rated current | 9.3 A |
| Rated power | 3.55 kW |

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

| Motor connection | |
|------------------|--------------|
| Connection type | OCC for S210 |
| 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) | 202 mm |
| Shaft end | Plain shaft |
| Color of the housing | Standard (Anthracite, similar to RAL 7016) |



| Holding brake | |
|--|-------------|
| Holding torque | 32.00 Nm |
| Average dynamic torque | 17.00 Nm |
| Opening time | 120 ms |
| Closing time | 40 ms |
| Maximum single switching energy ¹⁾ | 4,800 J |
| Service life, operating energy | 2,400,000 J |
| Holding current ²⁾ | 0.5 A |
| Break-induced current for 500 ms ²⁾ | 1.4 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%.