

Article No. : 1FL2205-4AF11-1SB0



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

Item no. :  
Consignment no. :  
Project :

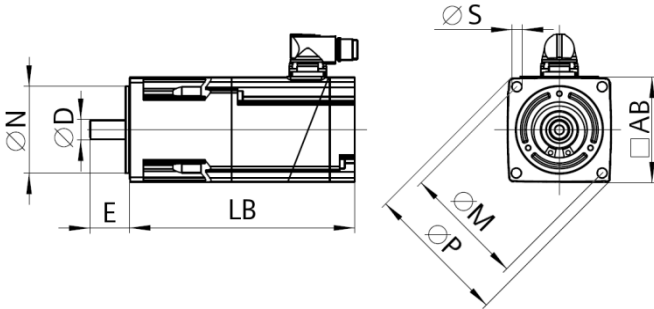
| Basic motor data        |                                    |
|-------------------------|------------------------------------|
| Motor type              | Permanent-magnet synchronous motor |
| Motor type              | Medium Inertia                     |
| Static torque           | 6.00 Nm                            |
| Static current          | 4.70 A                             |
| Maximum torque          | 19.30 Nm                           |
| Maximum current         | 15.1 A                             |
| Maximum speed           | 6,000 rpm                          |
| Rotor moment of inertia | 5.1000 kgcm <sup>2</sup>           |
| Weight                  | 6.1 kg                             |

| Rated data                        |           |
|-----------------------------------|-----------|
| SINAMICS S200, 3 AC 380 ... 480 V |           |
| Rated speed                       | 3,000 rpm |
| Rated torque                      | 4.60 Nm   |
| Rated current                     | 3.8 A     |
| Rated power                       | 1.45 kW   |

| Encoder system |                                    |
|----------------|------------------------------------|
| Encoder system | Absolute encoder singleturn 21 bit |

| Motor connection |                         |
|------------------|-------------------------|
| Connection type  | Metal angular connector |

| Mechanical data               |                                              |
|-------------------------------|----------------------------------------------|
| Design acc. to Code I         | IM B5 (IM V1, IM V3)                         |
| Vibration severity grade      | Grade A                                      |
| Shaft height                  | 48                                           |
| Flange size (AB)              | 95 mm                                        |
| Centering ring (N)            | 80 mm                                        |
| Hole circle (M)               | 100 mm                                       |
| Screw-on hole (S)             | 6.6 mm                                       |
| Overall length (LB)           | 210.9 mm                                     |
| Diameter of shaft (D)         | 19 mm                                        |
| Length of shaft (E)           | 40 mm                                        |
| Length of flange diagonal (P) | 120 mm                                       |
| Shaft end                     | Shaft with parallel key (half-key balancing) |
| Color of the housing          | Anthracite RAL 7016                          |



| Holding brake                   |              |
|---------------------------------|--------------|
| Rated voltage                   | 24 V DC 10 % |
| Rated current                   | 0.57 A       |
| Holding torque M <sub>4Br</sub> | 8.00 Nm      |
| Opening time                    | 90 ms        |
| Closing time                    | 25 ms        |