

Article No. : 1FL2306-2AC01-1HB0



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

Item no. :  
Consignment no. :  
Project :

| Basic motor data        |                                    |
|-------------------------|------------------------------------|
| Motor type              | Permanent-magnet synchronous motor |
| Motor type              | High Inertia                       |
| Static torque           | 5.00 Nm                            |
| Static current          | 3.00 A                             |
| Maximum torque          | 17.00 Nm                           |
| Maximum current         | 10.7 A                             |
| Maximum speed           | 3,000 rpm                          |
| Rotor moment of inertia | 11.6500 kgcm <sup>2</sup>          |
| Weight                  | 7.3 kg                             |

| Rated data                        |           |
|-----------------------------------|-----------|
| SINAMICS S200, 3 AC 380 ... 480 V |           |
| Rated speed                       | 2,000 rpm |
| Rated torque                      | 4.78 Nm   |
| Rated current                     | 3.0 A     |
| Rated power                       | 1.00 kW   |

| Encoder system |                                    |
|----------------|------------------------------------|
| Encoder system | Absolute encoder singleturn 17 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                  | 65                                           |
| Flange size (AB)              | 130 mm                                       |
| Centering ring (N)            | 110 mm                                       |
| Hole circle (M)               | 145 mm                                       |
| Screw-on hole (S)             | 9.0 mm                                       |
| Overall length (LB)           | 164.7 mm                                     |
| Diameter of shaft (D)         | 22 mm                                        |
| Length of shaft (E)           | 58 mm                                        |
| Length of flange diagonal (P) | 165.2 mm                                     |
| Shaft end                     | Shaft with parallel key (half-key balancing) |
| Color of the housing          | Anthracite RAL 7016                          |

