

Article No. : 1FL2103-2AG00-1MC0

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

Item no. :  
Consignment no. :  
Project :



| Basic motor data        |                                                     |
|-------------------------|-----------------------------------------------------|
| Motor type              | Permanent-magnet synchronous motor, Natural cooling |
| Motor type              | Low Inertia                                         |
| Static torque           | 0.64 Nm                                             |
| Static current          | 1.28 A                                              |
| Maximum torque          | 2.24 Nm                                             |
| Maximum current         | 4.80 A                                              |
| Maximum speed           | 6,500 rpm                                           |
| Rotor moment of inertia | 0.0800 kgcm <sup>2</sup>                            |
| Weight                  | 0.79 kg                                             |

| Rated data                          |           |
|-------------------------------------|-----------|
| SINAMICS S200, 1/3 AC 200 ... 240 V |           |
| Rated speed                         | 3,000 rpm |
| Rated torque                        | 0.64 Nm   |
| Rated current                       | 1.28 A    |
| Rated power                         | 0.20 kW   |

| Encoder system |                                                       |
|----------------|-------------------------------------------------------|
| Encoder system | Absolute encoder 21-bit singleturn + 12-bit multiturn |

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

| Mechanical data               |                                              |
|-------------------------------|----------------------------------------------|
| Design acc. to Code I         | IM B5 (IM V1, IM V3)                         |
| Vibration severity grade      | Grade A                                      |
| Shaft height                  | 30                                           |
| Flange size (AB)              | 60.2 mm                                      |
| Centering ring (N)            | 50 mm                                        |
| Hole circle (M)               | 70 mm                                        |
| Screw-on hole (S)             | 5.4 mm                                       |
| Overall length (LB)           | 75.5 mm                                      |
| Diameter of shaft (D)         | 14 mm                                        |
| Length of shaft (E)           | 30 mm                                        |
| Length of flange diagonal (P) | 81 mm                                        |
| Shaft end                     | Shaft with parallel key (half-key balancing) |
| Color of the housing          | Anthracite RAL 7016                          |

