

Article No. : 1FL2105-4AF01-0HB0



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           | 8.00 Nm                                             |
| Static current          | 6.70 A                                              |
| Maximum torque          | 25.30 Nm                                            |
| Maximum current         | 24.00 A                                             |
| Maximum speed           | 6,000 rpm                                           |
| Rotor moment of inertia | 2.6500 kgcm <sup>2</sup>                            |
| Weight                  | 7.80 kg                                             |

| Rated data                        |           |
|-----------------------------------|-----------|
| SINAMICS S200, 3 AC 380 ... 480 V |           |
| Rated speed                       | 3,000 rpm |
| Rated torque                      | 6.60 Nm   |
| Rated current                     | 5.60 A    |
| Rated power                       | 2.10 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                  | 52                   |
| Flange size (AB)              | 105 mm               |
| Centering ring (N)            | 95 mm                |
| Hole circle (M)               | 115 mm               |
| Screw-on hole (S)             | 9.0 mm               |
| Overall length (LB)           | 210.9 mm             |
| Diameter of shaft (D)         | 19 mm                |
| Length of shaft (E)           | 45 mm                |
| Length of flange diagonal (P) | 135 mm               |
| Shaft end                     | Plain shaft          |
| Color of the housing          | Anthracite RAL 7016  |

