



Atbeelding soortgelijk  
Figure similar

Artikel-nr. : 1FK2204-6AF11-1SB0  
Article No. :

Opdrachtnummer van de klant :  
Client order no. :  
Siemens-opdracht-nr. :  
Order no. :  
Offerte-nr. :  
Offer no. :  
Opmerking :  
Remarks :

Item-nr. :  
Item no. :  
Comm.-nr. :  
Consignment no. :  
Project :  
Project :

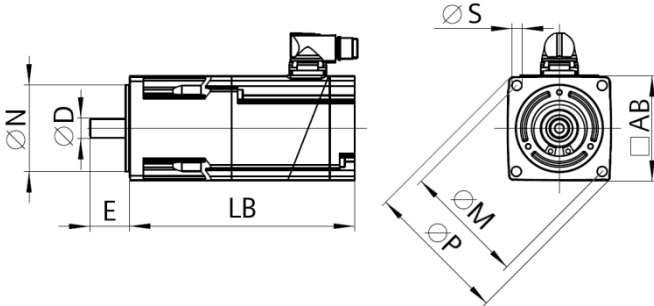
| Basisgegevens van de motor<br>Basic motor data           |                                                                                                                                             |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Motorsoort<br>Motor type                                 | Synchrone motor met bekrachtiging d.m.v permanente magneten, Zelfkoeling, IP65<br>Permanent-magnet synchronous motor, Natural cooling, IP65 |
| Motortype<br>Motor type                                  | Compact                                                                                                                                     |
| Statisch koppel<br>Static torque                         | 3,20 Nm                                                                                                                                     |
| Stilstandstroom<br>Static current                        | 3,0 A                                                                                                                                       |
| Maximaal draaimoment<br>Maximum torque                   | 9,50 Nm                                                                                                                                     |
| Maximale stroom<br>Maximum current                       | 9,9 A                                                                                                                                       |
| Maximaal toerental<br>Maximum speed                      | 7.600 1/min                                                                                                                                 |
| Traagheidsmoment van de rotor<br>Rotor moment of inertia | 1,6900 kgcm <sup>2</sup>                                                                                                                    |
| Gewicht<br>Weight                                        | 4,3 kg                                                                                                                                      |

| Nominale gegevens<br>Rated data                                    |             |
|--------------------------------------------------------------------|-------------|
| SINAMICS S120, BLM/SLM 3AC 400V<br>SINAMICS S120, BLM/SLM 3AC 400V |             |
| Nominaal toerental<br>Rated speed                                  | 3.000 1/min |
| Nominaal koppel<br>Rated torque                                    | 3,20 Nm     |
| Nominale stroom<br>Rated current                                   | 3,0 A       |
| Nominaal vermogen<br>Rated power                                   | 1,00 kW     |

| Encodersysteem<br>Encoder system |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Encodersysteem<br>Encoder system | Encoder AS22DQC: Absolute encoder Singleturn 22 bit<br>Encoder AS22DQC: Absolute encoder single turn 22 bit |

| Aansluiting van de motor<br>Motor connection |                                                                 |
|----------------------------------------------|-----------------------------------------------------------------|
| Aansluittype<br>Connection type              | 2-kabelverbinding voor S120<br>Double cable connection for S120 |
| Stekkergrootte<br>Connector size             | M17                                                             |

| Mechanische gegevens<br>Mechanical data                     |                                                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Bouwvorm volgens code I<br>Design acc. to Code I            | IM B5 (IM V1,IM V3)                                                                             |
| Oscillatieniveau<br>Vibration severity grade                | Niveau A<br>Grade A                                                                             |
| Ashoogte<br>Shaft height                                    | 40                                                                                              |
| Flensgrootte (AB)<br>Flange size (AB)                       | 80 mm                                                                                           |
| Centreerrand (N)<br>Centering ring (N)                      | 70 mm                                                                                           |
| Gatencirkel (M)<br>Hole circle (M)                          | 90 mm                                                                                           |
| Bevestigingsgat (S)<br>Screw-on hole (S)                    | 6,5 mm                                                                                          |
| Bouwlengte (LB)<br>Overall length (LB)                      | 188 mm                                                                                          |
| Diameter van de as (D)<br>Diameter of shaft (D)             | 19 mm                                                                                           |
| Lengte van de as (E)<br>Length of shaft (E)                 | 40 mm                                                                                           |
| Diagonaal van de flens (P)<br>Length of flange diagonal (P) | 105 mm                                                                                          |
| Asuiteinde<br>Shaft end                                     | Inlegspie<br>Fitted key                                                                         |
| Kleur van de behuizing<br>Color of the housing              | Standaard (Antraciet, vergelijkbaar met RAL 7016)<br>Standard (Anthracite, similar to RAL 7016) |



## Productblad voor SIMOTICS S-1FK2

Data sheet for SIMOTICS S-1FK2

Artikel-nr. : 1FK2204-6AF11-1SB0  
Article No. :

| Houdrem<br>Holding brake                                                              |          |
|---------------------------------------------------------------------------------------|----------|
| Houdkoppel<br>Holding torque                                                          | 3,30 Nm  |
| Middelgroot dynamisch moment<br>Average dynamic torque                                | 3,30 Nm  |
| Opentijd<br>Opening time                                                              | 110 ms   |
| Sluittijd<br>Closing time                                                             | 40 ms    |
| Maximale afzonderlijke schakelarbeid <sup>1)</sup><br>Maximum single switching energy | 270 J    |
| Levensduur schakelarbeid<br>Service life, operating energy                            | 35.000 J |
| Nominale stroom <sup>2)</sup><br>Rated current                                        | 0,5 A    |

<sup>1)</sup>Maximaal drie noodstop-procedures en maximaal 25% van alle noodstops als hoogenergetische stop met Wmax.  
Up to three consecutive emergency stops and up to 25% of all emergency stops as a Wmax high energy stop possible.

<sup>2)</sup>Typische waarde voor 20 °C omgevingstemperatuur. Bij -15°C kunnen de openingsstromen tot 30% worden verhoogd.  
Typical value for 20°C ambient temperature. At -15°C the break-induced currents can be increased by up to 30%.