Servo Motor EMME-AS-100-S-HS-ASB - Festo 2103469

Item no. FES-2103469 | **Manufacturer Festo** | **EAN 4052568251512**

Festo drive motor for precise, dynamic motion tasks in automation technology.

TECHNICAL DATA

HS-Code	**85015220**
Schutzart	**IP21**
Weight	**8 kg**

STANDARDS & COMPLIANCE

DIN 60034-1

DESCRIPTION

Festo drive motor for precise, dynamic motion tasks in automation technology. The key technical data of this genuine Festo article are listed below.

ambient temperature [°C]	-10 to 40
Bearing temperature [°C]	-20 to 70
Relative humidity	0 - 90 %
Complies to standard	IEC 60034
Insulation protection class	F
Measurement class according to DIN 60034-1	S1
Protection category	IP21
Electrical connection technology	Plug
Material information	LABS containing materials included RoHs compliant
Corrosion resistant class KBK	0 - No corrosion stressing

esd.equipment
Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
esd.equipment

Permission	RCM mark c UL us - Recognized (OL)
CE certificate (see declaration of conformity)	to EU EMC directive to EU low voltage directive
Nominal operating voltage DC [V]	565
Nominal voltage DC [V]	565
Winding switching type	Star internal
Polpaarzahl	3
Standstill torque [Nm]	5,60
Nominal torque [Nm]	4,80
Peak torque [Nm]	22,4
Nominal rotational speed [1/min]	3.000
Max. speed [1/min]	3.910
Nominal performance motor [W]	1.500
Continuous standstill current [A]	3,4
Nominal current motor [A]	3,0
Peak current [A]	13,6
Motor constant [Nm/A]	1,600
Voltage constant phase-phase [mVmin]	102,2
Winding resistance phase-phase [Ohm]	4,6
Winding inductivity phase-phase [mH]	15,50
Total output moment of gyration [kg/cm²]	5,630
Product weight [g]	7.250
Permitted axial shaft loading [N]	130
Permitted radial shaft loading [N]	650
Rotor position transducer	Encoder absolut single turn
Rotor position transducer interface	HIPERFACE®
Rotor position transducer measurement principle	Capacitive
Rotor position transducer sinus / cosinus periods per rotation	16
Rotor position transducer resolution typical [Bit]	12
Rotor position transducer typical angle precision [arcmin]	20
MTTFd, part component	340 years, rotor position sensor
Holding torque brake [Nm]	9,0
Operating voltage DC brakes [V]	24
Power consumption brake [W]	18
Mass inertia Brake [kg/cm²]	0,654

Switching play holding brake	5 million empty actuation (without frictional work!)
MTTF, part component	1037 years, holding brake