

Stepper Motor EMMS-ST-87-S-SEB-G2 - Festo 1370485

Item no. FES-1370485

Manufacturer Festo

EAN 4052568231477

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

TECHNICAL DATA

HS-Code	85015100
Schutzart	IP54
Weight	2.6 kg



STANDARDS & COMPLIANCE

EN 60034-1 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 50
Bearing temperature [°C]	-20 to 70
Relative humidity	0 - 85 %
Complies to standard	IEC 60034
Insulation protection class	B
Heat class to EN 60034-1	B
Measurement class according to DIN 60034-1	S1
Protection category	IP54
Electrical connection technology	Plug
Material information	RoHs compliant
Corrosion resistant class KBK	1 - low corrosion stress
Permission	RCM mark c UL us - Recognized (OL)

CE certificate (see declaration of conformity)	to EU EMC directive
Nominal operating voltage DC [V]	48
Holding torque motor [Nm]	2,50
Max. speed [1/min]	2.130
Step angle at full step [deg]	1,8
Step angle tolerance	±5 %
Nominal current motor [A]	9,5
Voltage constant phase [mVmin]	19,0
Winding resistance phase [Ohm]	0,10
Winding inductivity phase [mH]	0,45
Mass inertia Rotor [kg/cm²]	1,000
Total output moment of gyration [kg/cm²]	1,070
Product weight [g]	2.500
Permitted axial shaft loading [N]	65
Permitted radial shaft loading [N]	200
Holding torque brake [Nm]	2,0
Rotor position transducer	Incremental encoder
Rotor position transducer interface	RS422 TTL AB channel + null index
Rotor position transducer measurement principle	Visual
Operating voltage DC brakes [V]	24
Power consumption brake [W]	11
Mass inertia Brake [kg/cm²]	0,070