

Stepper Motor EMMS-ST-87-M-SB-G2 - Festo 1370488

Item no. FES-1370488

Manufacturer Festo

EAN 4052568231507

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

TECHNICAL DATA

Corrosion resistance class CRC **1 - low corrosion stress**

HS-Code **85015100**

Norm **IEC 60034**

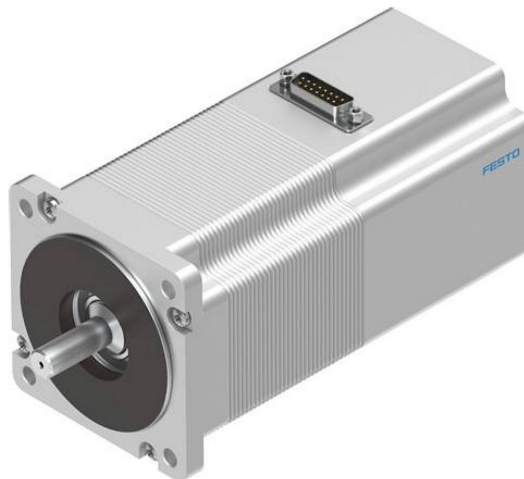
Operating voltage **48 V DC**

Protection rating **IP54**

Series **EMMS**

Temperature (max.) **50**

Weight **3.9 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]	5,90
Max. speed [1/min]	550
Step angle at full step [deg]	1,8
Step angle tolerance	±5 %
Nominal current motor [A]	9,5
Voltage constant phase [mVmin]	68,6
Winding resistance phase [Ohm]	0,23
Winding inductivity phase [mH]	2,60
Mass inertia Rotor [kg/cm²]	1,900
Total output moment of gyration [kg/cm²]	1,970
Product weight [g]	3.450
Permitted axial shaft loading [N]	65
Permitted radial shaft loading [N]	200
Holding torque brake [Nm]	2,0
Operating voltage DC brakes [V]	24
Power consumption brake [W]	11
Mass inertia Brake [kg/cm²]	0,070