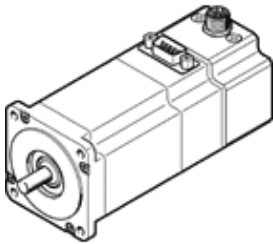


# Stepper motor EMMS-ST-57-M-SE

Part number: 549413

FESTO

Without gearing, without brake.



## Data sheet

Feature	Value
Stepper angle at full step	1.8 deg
Stepper angle tolerance	±5%
Rotor position sensor	Optical encoder
Insulation protection class	B
Nominal voltage DC	48 V
Nominal motor current	5 A
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Storage temperature	-20 ... 70 °C
Relative air humidity	45 - 80 %
Protection class	IP54
Ambient temperature	-10 ... 50 °C
Authorization	C-Tick
Overall mass moment of inertia at power take-off	0.48 kgcm <sup>2</sup>
Brake holding torque	1 Nm
Motor holding torque	1.4 Nm
Mass moment of inertia of rotor	0.48 kgcm <sup>2</sup>
Permissible axial shaft load	10 N
Permissible radial shaft load	52 N
Product weight	1,200 g
Electrical connector system	Plug