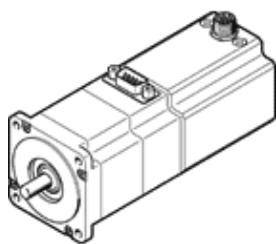


Stepper motor EMMS-ST-57-S-SEB

Part number: 549411

FESTO

Without gear unit/with brake.



Data sheet

Feature	Value
Stepper angle at full step	1.8 deg
Stepper angle tolerance	±5%
Rotor position sensor	Optical encoder
Operating voltage DC for brake	24 V
Insulation protection class	B
Power consumption, brake	8 W
Nominal voltage DC	48 V
Nominal motor current	5 A
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 70 °C
Relative air humidity	45 - 80 %
Protection class	IP54
Ambient temperature	-10 ... 50 °C
Authorisation	C-Tick
Overall mass moment of inertia at power take-off	0.3 kgcm ²
Brake holding torque	0.4 Nm
Motor holding torque	0.8 Nm
Mass moment of inertia of brake	0.01 kgcm ²
Mass moment of inertia of rotor	0.29 kgcm ²
Permissible axial shaft load	10 N
Permissible radial shaft load	52 N
Product weight	1,150 g
Electrical connector system	Plug