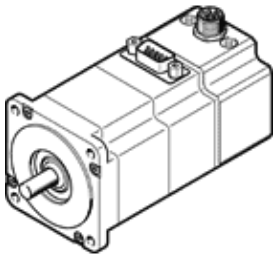


Stepper motor EMMS-ST-57-S-SE

Part number: 549409

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 | 0.29 kgcm ² |
| Brake holding torque | 0.4 Nm |
| Motor holding torque | 0.8 Nm |
| Mass moment of inertia of rotor | 0.29 kgcm ² |
| Permissible axial shaft load | 10 N |
| Permissible radial shaft load | 52 N |
| Product weight | 970 g |
| Electrical connector system | Plug |