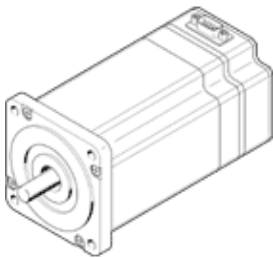


Stepper motor MTR-ST-87-48S-AB

Part number: 530066

FESTO

Without gear unit/with brake.



Data sheet

Feature	Value
Operating voltage DC for brake	24 V
Insulation protection class	B
Power consumption, brake	9 W
Nominal voltage DC	48 V
Nominal motor current	4.7 A
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-25 ... 60 °C
Relative air humidity	45 - 80 %
Protection class	IP54
Ambient temperature	0 ... 50 °C
Overall mass moment of inertia at power take-off	4.05 kgcm ²
Brake holding torque	1.4 Nm
Motor holding torque	6.47 Nm
Mass moment of inertia of brake	0.1 kgcm ²
Mass moment of inertia of rotor	4 kgcm ²
Permissible axial shaft load	50 N
Permissible radial shaft load	130 N
Product weight	5,000 g
Electrical connector system	Plug