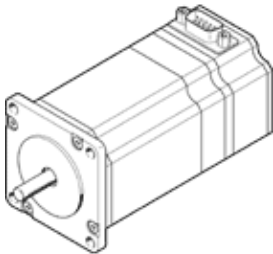


# Stepper motor MTR-ST-57-48S-AB

Part number: 530062

FESTO

Without gear unit/with brake.  
Discontinued, available through 2008



## Data sheet

Feature	Value
Operating voltage DC for brake	24 V
Insulation protection class	B
Power consumption, brake	6 W
Nominal voltage DC	48 V
Nominal motor current	3.1 A
CE symbol (see declaration of conformity)	according to EU-EMV guideline
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	0.5 kgcm <sup>2</sup>
Brake holding torque	0.4 Nm
Motor holding torque	1.27 Nm
Mass moment of inertia of brake	0.02 kgcm <sup>2</sup>
Mass moment of inertia of rotor	0.48 kgcm <sup>2</sup>
Permissible axial shaft load	10 N
Permissible radial shaft load	71 N
Product weight	1,400 g
Electrical connector system	Plug