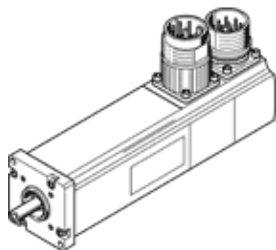


# Servomotor MTR-AC-40-3S-AB

Part number: 540300

FESTO

Without gear unit/with brake.



## Data sheet

Feature	Value
Rotor position sensor	Resolver
Temperature monitoring	PTC resistor
Max. speed	10,400 1/min
Nominal rotary speed	6,000 1/min
Operating voltage DC for brake	24 V
Continuous open-circuit current	0.78 A
Insulation protection class	F
Power consumption, brake	6 W
Motor constant	0.344 Nm/A
Nominal motor power	150 W
Nominal voltage DC	325 V
Nominal motor current	0.7 A
Peak current	3.3 A
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU low voltage guideline
Storage temperature	-10 ... 60 °C
Relative air humidity	0 - 90 %
Protection class	IP54
Ambient temperature	-40 ... 40 °C
Authorization	c UL us - Recognized (OL)
Overall mass moment of inertia at power take-off	0.055 kgcm <sup>2</sup>
Brake holding torque	0.4 Nm
Mass moment of inertia of brake	0.01 kgcm <sup>2</sup>
Mass moment of inertia of rotor	0.045 kgcm <sup>2</sup>
Nominal torque	0.24 Nm
Peak torque	1 Nm
Standstill torque	0.27 Nm
Permissible axial shaft load	12 N
Permissible radial shaft load	82 N
Product weight	735 g
Electrical connector system	Plug