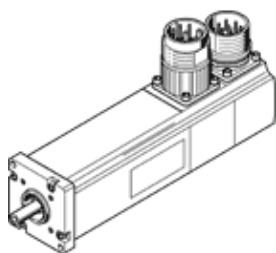


Servo motor MTR-AC-40-3S-AB

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 mark (see declaration of conformity) | to EU directive for EMC to EU directive low-voltage devices |
| Storage temperature | -10 ... 60 °C |
| Relative air humidity | 0 - 90 % |
| Protection class | IP54 |
| Ambient temperature | -40 ... 40 °C |
| Authorisation | c UL us - Recognized (OL) |
| Overall mass moment of inertia at power take-off | 0.055 kgcm ² |
| Brake holding torque | 0.4 Nm |
| Mass moment of inertia of brake | 0.01 kgcm ² |
| Mass moment of inertia of rotor | 0.045 kgcm ² |
| 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 |