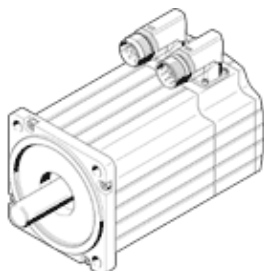


Servomotor MTR-AC-100-5S-AB

Part number: 526736

FESTO

Without gear unit/with brake.



Data sheet

| Feature | Value |
|--|---------------------------------------|
| Rotor position sensor | Resolver |
| Temperature monitoring | PTC resistor |
| Max. speed | 4,550 1/min |
| Nominal rotary speed | 3,600 1/min |
| Operating voltage DC for brake | 24 V |
| Continuous open-circuit current | 8.43 A |
| Insulation protection class | F |
| Power consumption, brake | 13 W |
| Motor constant | 1.49 Nm/A |
| Nominal motor power | 2,396 W |
| Nominal voltage DC | 560 V |
| Nominal motor current | 4.3 A |
| Peak current | 16 A |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline |
| Storage temperature | -10 ... 60 °C |
| Relative air humidity | Max. 90% |
| Protection class | IP54 |
| Ambient temperature | -40 ... 40 °C |
| Authorization | c UL us - Recognized (OL) |
| Overall mass moment of inertia at power take-off | 7.34 kgcm ² |
| Brake holding torque | 6 Nm |
| Mass moment of inertia of brake | 0.54 kgcm ² |
| Mass moment of inertia of rotor | 6.8 kgcm ² |
| Nominal torque | 6.36 Nm |
| Peak torque | 23 Nm |
| Standstill torque | 12.53 Nm |
| Permissible axial shaft load | 150 N |
| Permissible radial shaft load | 500 N |
| Product weight | 9,700 g |
| Electrical connector system | Plug |