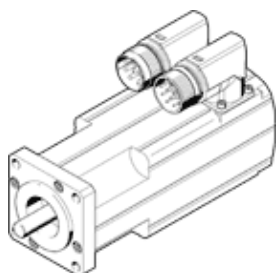


Servo motor MTR-AC-55-3S-AB

Part number: 526724

FESTO

Without gear unit/with brake.



Data sheet

Feature	Value
Rotor position sensor	Resolver
Temperature monitoring	PTC resistor
Max. speed	8,090 1/min
Nominal rotary speed	6,800 1/min
Operating voltage DC for brake	24 V
Continuous open-circuit current	2.15 A
Insulation protection class	F
Power consumption, brake	11 W
Motor constant	0.457 Nm/A
Nominal motor power	468 W
Nominal voltage DC	325 V
Nominal motor current	1.4 A
Peak current	6.4 A
CE mark (see declaration of conformity)	to EU directive low-voltage devices
Storage temperature	-10 ... 60 °C
Relative air humidity	Max. 90%
Protection class	IP54
Ambient temperature	-40 ... 40 °C
Authorisation	c UL us - Recognized (OL)
Overall mass moment of inertia at power take-off	0.26 kgcm ²
Brake holding torque	0.9 Nm
Mass moment of inertia of brake	0.06 kgcm ²
Mass moment of inertia of rotor	0.2 kgcm ²
Nominal torque	0.66 Nm
Peak torque	2.8 Nm
Standstill torque	0.98 Nm
Permissible axial shaft load	75 N
Permissible radial shaft load	150 N
Product weight	1,700 g