

Electric cylinder EGSK-26-50-6P

Part number: 562768

FESTO



Data sheet

Feature	Value
Working stroke	50 mm
Size	26
Reversing backlash	≤20 μm
Screw diameter	8 mm
Spindle pitch	6 mm/U
Type code	EGSK
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural design	Electromechanical linear axis with ball screw drive
Homing	Reference switch
Spindle type	Ball screw drive
Symbol	00991211
Max. acceleration	10 m/s ²
Max. speed	0.59 m/s
Repetition accuracy	±0.01 mm
Corrosion resistance class (CRC)	0 - No corrosion stress
Degree of protection	IP10
Ambient temperature	0 °C ... 40 °C
Fixed bearing dynamic basic load rating	1380 N
Linear guide dynamic basic load rating	5746 N
Dynamic basic load rating, ball screw drive	1950 N
2nd moment of area Iy	17000 mm ⁴
2nd moment of area Iz	150000 mm ⁴
Max. driving torque	0.11 Nm
Max. force Fy	1541 N
Max. force Fz	1541 N
Max. torque Mx	26.2 Nm
Max. torque My	8.9 Nm
Max. torque Mz	8.9 Nm
Max. feed force Fx	116 N
No-load driving torque	0.015 Nm
Ball screw drive statistical basic load rating	3510 N
Linear guide statistical basic load rating	12150 N
Mass moment of inertia JH per meter of stroke	0.0316 kgcm ²
Mass moment of inertia JO	0.00481 kgcm ²

Feature	Value
Feed constant	6 mm/U
Statistical fixed bearing load rating	1760 N
Reference value, running performance	3000 km
Moving mass	153 g
Slide weight	153 g
Additional slide weight	153 g
Additional weight per 10 mm stroke	42 g
Basic weight with 0 mm stroke	780 g
Product weight	990 g
Type of mounting	With internal thread and dowel pin
Material of end caps	Die-cast aluminum Coated
Profile material	High-alloy stainless steel
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Drive cover material	Die-cast aluminum Coated
Slide material	Steel
Spindle nut material	Steel
Spindle material	Steel