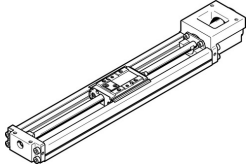


Electric cylinder EGSK-20-125-1P

Part number: 562760

FESTO



Data sheet

Feature	Value
Working stroke	125 mm
Size	20
Reversing backlash	≤20 μm
Screw diameter	6 mm
Spindle pitch	1 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	0.19 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	1000 N
Linear guide dynamic basic load rating	2849 N
Dynamic basic load rating, ball screw drive	660 N
2nd moment of area Iy	6100 mm ⁴
2nd moment of area Iz	62000 mm ⁴
Max. driving torque	0.011 Nm
Max. force Fy	1389 N
Max. force Fz	1389 N
Max. torque Mx	18.1 Nm
Max. torque My	5.8 Nm
Max. torque Mz	5.8 Nm
Max. feed force Fx	69 N
No-load driving torque	0.005 Nm
Ball screw drive statistical basic load rating	1170 N
Linear guide statistical basic load rating	6300 N
Mass moment of inertia JH per meter of stroke	0.01 kgcm ²
Mass moment of inertia JO	8.7E-4 kgcm ²

Feature	Value
Feed constant	1 mm/U
Statistical fixed bearing load rating	1240 N
Reference value, running performance	500 km
Moving mass	64 g
Slide weight	64 g
Additional slide weight	64 g
Additional weight per 10 mm stroke	27 g
Basic weight with 0 mm stroke	380 g
Product weight	718 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