

Mini Slide EGSL-BS-75-100-20P - Festo 559340

Item no. FES-559340

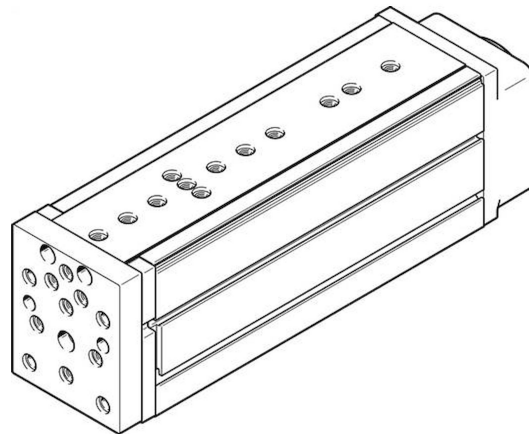
Manufacturer Festo

EAN 4052568206161

Festo pneumatic cylinder for precise linear motion and defined force in automation.

TECHNICAL DATA

HS-Code	84799070
Schutzart	IP40
Weight	5 kg
Werkstoff	Aluminium



DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Working stroke [mm]	100
size	75
Running parallelity in z-direction [mm]	0,04
Parallelity [mm]	0,050
Reversing play [µm]	<= 50 µm
Spindle diameter [mm]	20,0
Spindle pitch [mm/U]	20,0
installation position	arbitrary
Guide	Ball cage guide
Construction set up	Guide Electrical mini-carriage With Ball screw drive
Motor type	Step motor Servo motor
Spindle type	Ball screw drive
Position detection	For proximity switch
Max. acceleration [m/s²]	25

Max. speed [m/s]	1,30
Repeatability	±0.015 mm
Power-on time	100 %
Corrosion resistant class KBK	0 - No corrosion stressing
Sound level [dB(A)]	65
Protection category	IP40
ambient temperature [°C]	0 to 60
Continuous feed force [N]	300
Max. actuator torque [Nm]	3,25
Max. force Fy [N]	1.539
Max. force Fz [N]	1.539
Max. torque Mx [Nm]	67,4
Max. torque My [Nm]	47,1
Max. torque Mz [Nm]	47,1
Max. radial force on drive shaft [N]	300
Max. feed force Fx [N]	450
Empty run actuator torque [Nm]	0,155
Guideline payload, horizontal [KGM]	14
Guideline payload, vertical [KGM]	14
Mass inertia JL per kg usable load [kg/cm²]	0,10130
Mass inertia JO [kg/cm²]	1,0512
Feed constant [mm/U]	20,0
Maintenance interval	Lifetime lubrication
Moving mass [g]	2.280
Product weight [g]	5.100
Fastening type	With female thread With Centring sleeve With Accessories
Material information	LABS containing materials included RoHs compliant
Cover material	Cast aluminium painted
Guide carriage material	Roller bearing steel
Housing material	Aluminium wrought alloy anodized
Joch plate material	Aluminium wrought alloy anodized
Spindle nut material	Roller bearing steel
Spindle material	Roller bearing steel