

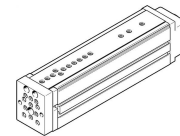
Mini Slide EGSL-BS-55-100-5P - Festo 562227

Item no.	FES-562227	Manufacturer	Festo
Manufacturer no.	EGSL-BS-55-100-5P	EAN	4052568209001

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

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
HS-Code	84799070
Schutzart	IP40
Weight	2.47 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	55
Running parallelity in z-direction [mm]	0,04
Parallelity [mm]	0,050
Reversing play [µm]	$\leq 50 \mu\text{m}$
Spindle diameter [mm]	12,0
Spindle pitch [mm/U]	5,0
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/s ²]	25
Max. speed [m/s]	0,40
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]	200
Max. actuator torque [Nm]	0,90
Max. force Fy [N]	1.047
Max. force Fz [N]	1.047
Max. torque Mx [Nm]	33,1
Max. torque My [Nm]	31,0
Max. torque Mz [Nm]	31,0
Max. radial force on drive shaft [N]	260
Max. feed force Fx [N]	300
Empty run actuator torque [Nm]	0,095
Guideline payload, horizontal [KGM]	10
Guideline payload, vertical [KGM]	10
Mass inertia JL per kg usable load [kg/cm ²]	0,00630
Mass inertia JO [kg/cm ²]	0,1352
Feed constant [mm/U]	5,0
Maintenance interval	Lifetime lubrication
Moving mass [g]	1.070
Product weight [g]	2.470
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