

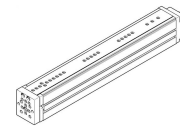
# Mini Slide EGSL-BS-55-250-5P - Festo 562229

<b>Item no.</b>	FES-562229	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	EGSL-BS-55-250-5P	<b>EAN</b>	4052568209025

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>84799070</b>
Schutzart	<b>IP40</b>
Weight	<b>3.95 kg</b>
Werkstoff	<b>Aluminium</b>



## 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]	250
size	55
Running parallelity in z-direction [mm]	0,10
Parallelity [mm]	0,125
Reversing play [µm]	<math>\leq 50 \mu\text{m}</math>
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 <sup>2</sup> ]	25
Max. speed [m/s]	0,40
Repeatability	$\pm 0.015 \text{ mm}$

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]	563
Max. force Fz [N]	563
Max. torque Mx [Nm]	27,0
Max. torque My [Nm]	33,0
Max. torque Mz [Nm]	33,0
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 <sup>2</sup> ]	0,00600
Mass inertia JO [kg/cm <sup>2</sup> ]	0,1574
Feed constant [mm/U]	5,0
Maintenance interval	Lifetime lubrication
Moving mass [g]	1.660
Product weight [g]	3.950
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