

# Mini Slide SLF-10-10-P-A - Festo 170506

<b>Item no.</b>	FES-170506	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	SLF-10-10-P-A	<b>EAN</b>	4052568139124

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Betriebsdruck max [bar]	<b>10.000000</b>
Bohrung (mm)	<b>10.000000</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Hub [mm]	<b>10.000000</b>
Pneumatischer Anschluss	<b>M5</b>
Weight	<b>0.09 kg</b>
Werkstoff	<b>Aluminium</b>



## STANDARDS & COMPLIANCE

ISO 8573-1:2010

## 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.

Stroke [mm]	10
Alignable end position range/Length [mm]	5
Piston diameter	10 mm
Operating mode actuator unit	Joch
Dampening installation position	P: Elastic silencer rings / plates double-sided arbitrary
Guide	Ball cage guide

Construction set up	Joch Kolben Kolbenstange Schlitten Kugel-Käfigführung
Position detection	For proximity switch
Operating pressure [bar]	1 to 10
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	0 - No corrosion stressing
ambient temperature [°C]	-20 to 60
Impact energy at the end positions [J]	0,050
Max. force Fy [N]	170
Max. force Fz [N]	170
Max. torque Mx [Nm]	0,6
Max. torque My [Nm]	0,6
Max. torque Mz [Nm]	0,5
Theoretical force at 6 bar, Return flow [N]	40
Theoretical force at 6 bar, flow [N]	47
Moving mass [g]	41
Base weight at 0 mm stroke [g]	135
Product weight [g]	90
Alternative connections	See product drawing
Fastening type	With throughway bores
Pneumatic connection	M5
Material information	Copper and PTFE-free
Cover material	Aluminium wrought alloy
Seals material	HNBR
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels