

Mini Slide SLF-10-20-P-A - Festo 170507

Item no. FES-170507

Manufacturer Festo

EAN 4052568139131

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bore (mm)	10.000000
Corrosion resistance class CRC	0 - No corrosion stressing
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Yoke, piston, piston rod, carriage, ball cage guide
Dichtmaterial	HNBR
Funktion	double-acting
HS-Code	84123100
Hub [mm]	20
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	M5
Position sensing	Yes
Series	SLF
Temperature (max.)	60
Weight	0.165 kg



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]	20
Alignable end position range/Length [mm]	5
Piston diameter	10 mm
Operating mode actuator unit	Joch
Dampening	P: Elastic silencer rings / plates double-sided

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Page 1/2

installation position	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]	150
Max. force Fz [N]	150
Max. torque Mx [Nm]	1,1
Max. torque My [Nm]	1,1
Max. torque Mz [Nm]	0,7
Theoretical force at 6 bar, Return flow [N]	40
Theoretical force at 6 bar, flow [N]	47
Moving mass [g]	48
Base weight at 0 mm stroke [g]	156
Product weight [g]	110
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