

Mini Slide DGSL-10-80-P1A - Festo 543954

Item no. FES-543954

Manufacturer Festo

EAN 4052568182984

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bohrung (mm)	12.000000
Hub [mm]	80.000000
Pneumatischer Anschluss	M5
Weight	0.85 kg
Werkstoff	Aluminium
Zolltarifnummer	84123100



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]	80
Alignable end position range / Length front [mm]	51,5
Alignable end position range / Length rear [mm]	20,0
Piston diameter	12 mm
Operating mode actuator unit	Joch
Dampening	P1: Elastic silencer rings / plates double-sided With fixed limit stop
installation position	arbitrary
Guide	Ball cage guide
Construction set up	Joch Kolben Kolbenstange Schlitten
Position detection	For proximity switch

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Operating pressure [bar]	1.5 to 8
Max. speed [m/s]	0,8
Repeatability	±0.01 mm
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]	0 to 60
Impact energy at the end positions [J]	0,040
Dampening length [mm]	3,4
Max. force Fy [N]	1.200
Max. force Fz [N]	1.200
Max. torque Mx [Nm]	18
Max. torque My [Nm]	12,0
Max. torque Mz [Nm]	12,0
Theoretical force at 6 bar, Return flow [N]	51
Theoretical force at 6 bar, flow [N]	68
Moving mass [g]	299
Product weight [g]	751
Alternative connections	See product drawing
Fastening type	With throughway bores
Pneumatic connection	M5
Material information	Copper and PTFE-free RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	HNBR
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels

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