

Mini Slide DGST-6-10-PA - Festo 8085105

Item no. FES-8085105

Manufacturer Festo

EAN 4052568449933

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bohrung (mm)	6.000000
HS-Code	84123100
Hub [mm]	10.000000
Pneumatischer Anschluss	M3
Weight	0.105 kg
Werkstoff	Aluminium



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
Piston diameter	6 mm
Operating mode actuator unit	Joch
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Guide	ball guide
Construction set up	Doppelkolben Joch Kolbenstange Schlitten
Position detection	For proximity switch
Operating pressure [bar]	1.5 to 8
Max. speed [m/s]	0,5
Repeatability	± 0,3 mm
Principle of operation	double acting

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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	1 - low corrosion stress
ambient temperature [°C]	-10 to 60
Impact energy at the end positions [J]	0,018
Dampening length [mm]	0,9
Max. force Fy [N]	200
Max. force Fz [N]	200
Max. torque Mx [Nm]	1,1
Max. torque My [Nm]	0,7
Max. torque Mz [Nm]	0,7
Theoretical force at 6 bar, Return flow [N]	25
Theoretical force at 6 bar, flow [N]	34
Moving mass [g]	54,0
Product weight [g]	100,0
Fastening type	With throughway bores
Pneumatic connection	M3
Material information	Copper and PTFE-free RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	HNBR
Werkstoff Führung	POM TPE-E hochlegierter Stahl
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels
Alignable end position range / Length front [mm]	12,1
Alignable end position range / Length rear [mm]	12,1