

Flat Cylinder DZF-63-80-A-P-A - Festo 161312

Item no. FES-161312

Manufacturer Festo

EAN 4052568129125

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bohrung (mm)	63.000000
HS-Code	84123100
Hub [mm]	80.000000
Pneumatischer Anschluss	G1/4
Weight	2.1 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]	80
Piston diameter	63 mm Equivalent diameter
Max. twist angle of the piston rod $\pm$ [deg]	0,4
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	double acting
Construction set up	Piston piston rod
Position detection	For proximity switch
Anti-twist lock / guide	Oval piston
Operating pressure [bar]	1 to 10
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

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Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Max. torque of anti-rotation safety [Nm]	1,5
Theoretical force at 6 bar, Return flow [N]	1.682
Theoretical force at 6 bar, flow [N]	1.870
Moving mass at 0 mm stroke [g]	337
Weight supplement per 10 mm stroke [g]	91
Base weight at 0 mm stroke [g]	1.379
Supplement moved mass per 10 mm stroke [g]	25
Fastening type	With female thread With Accessories Selectively:
Pneumatic connection	G1/4
Cover material	Aluminium die casting
Seals material	NBR TPE-U(PU)
Housing material	aluminium Smooth anodised
Piston rod material	High-alloyed steel