

Flat Cylinder DZF-50-160-A-P-A - Festo 161300

Item no. FES-161300

Manufacturer Festo

EAN 4052568129040

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bore (mm)	50.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Piston, piston rod
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	160
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	G1/4
Position sensing	Yes
Series	DZF
Temperature (max.)	80
Weight	1.9 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]	160
Piston diameter	50 mm Equivalent diameter
Max. twist angle of the piston rod $\pm$ [deg]	0,5
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	double acting
Construction set up	Piston piston rod

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

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Page 1/2

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]
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]	1,2
Theoretical force at 6 bar, Return flow [N]	990
Theoretical force at 6 bar, flow [N]	1.178
Moving mass at 0 mm stroke [g]	219
Weight supplement per 10 mm stroke [g]	64
Base weight at 0 mm stroke [g]	854
Supplement moved mass per 10 mm stroke [g]	25
Fastening type	With female thread With Accessories Selectively:
Pneumatic connection	G1/4
Cover material	Aluminium wrought alloy
Seals material	NBR TPE-U(PU)
Housing material	aluminium Smooth anodised
Piston rod material	High-alloyed steel