

Compact Cylinder DPDM-16-50-PA - Festo 4833192

Item no. FES-4833192

Manufacturer Festo

EAN 4052568293079

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

TECHNICAL DATA

Ausführungstyp	einseitige Kolbenstange
Betriebsdruck max [bar]	8.000000
Bohrung (mm)	16.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Piston, piston rod, profile tube
Dichtmaterial	TPE-U(PU)
Funktion	doppeltwirkend
HS-Code	84123100
Hub [mm]	50
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	M5
Position sensing	Yes
Serie	DPDM
Temperature (max.)	80
Weight	0.13 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]	50
Piston diameter	16 mm
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	double acting
Construction set up	Piston piston rod profile tube
Position detection	For proximity switch

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Page 1/2

Variants	One-sided piston rod
Operating pressure [bar]	1.5 to 8
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]	-10 to 80
Theoretical force at 6 bar [N]	121
Theoretical force at 6 bar, flow [N]	121
Moving mass at 0 mm stroke [g]	18,0
Weight supplement per 10 mm stroke [g]	13,0
Base weight at 0 mm stroke [g]	66,0
Supplement moved mass per 10 mm stroke [g]	2,3
Fastening type	With throughway bores With female thread Selectively:
Pneumatic connection	M5
Material information	RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	TPE-U(PU)
Housing material	Aluminium wrought alloy, anodised
Piston rod material	High-alloyed stainless steels
Theoretical force at 6 bar, Return flow [N]	104