

Compact Cylinder DPDM-6-10-PA - Festo 4830947

Item no. FES-4830947

Manufacturer Festo

EAN 4052568292621

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	M5
Weight	0.029 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
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	single action Pulling
Construction set up	Piston piston rod profile tube
Position detection	For proximity switch
Variants	One-sided piston rod
Operating pressure [bar]	2.5 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	1 - low corrosion stress
ambient temperature [°C]	-10 to 80
Theoretical force at 6 bar, flow [N]	9
Moving mass at 0 mm stroke [g]	3,0
Weight supplement per 10 mm stroke [g]	6,3
Base weight at 0 mm stroke [g]	21,0
Supplement moved mass per 10 mm stroke [g]	0,6
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]	9