

Compact Cylinder DPDM-6-25-PA - Festo 4830904

Item no. FES-4830904

Manufacturer Festo

EAN 4052568292560

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

TECHNICAL DATA

Ausführungstyp	einseitige Kolbenstange
Betriebsdruck max [bar]	8.000000
Bore (mm)	6.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Piston, piston rod, profile tube
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	25
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	M5
Position sensing	Yes
Series	DPDM
Temperature (max.)	80
Weight	0.038 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]	25
Piston diameter	6 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

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
Variants	One-sided piston rod
Operating pressure [bar]	1.8 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 [N]	17
Theoretical force at 6 bar, flow [N]	17
Moving mass at 0 mm stroke [g]	2,8
Weight supplement per 10 mm stroke [g]	6,3
Base weight at 0 mm stroke [g]	20,7
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	NBR TPE-U(PU)
Housing material	Aluminium wrought alloy, anodised
Piston rod material	High-alloyed stainless steels
Theoretical force at 6 bar, Return flow [N]	13