

Round Cylinder DSNU-50-80-P-A - Festo 196003

Item no. FES-196003

Manufacturer Festo

EAN 4052568158545

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, cylinder tube
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	80
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	G1/4
Position sensing	Yes
Series	DSNU
Temperature (max.)	80
Weight	1.4 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]	80
Piston diameter	50 mm
Piston rod thread	M16x1,5
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Construction set up	Piston piston rod cylinder tube
Position detection	For proximity switch
Operating pressure [bar]	1 to 10

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Principle of operation	double acting
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
Theoretical force at 6 bar, Return flow [N]	989,6
Fastening type	With Accessories
Pneumatic connection	G1/4
Material information	RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloyed steel
Cylinder tube material	High-alloyed stainless steels
Theoretical force at 6 bar, flow [N]	1.178,1
Moving mass [g]	613
Product weight [g]	1.407