

Short-Stroke Cylinder AEVC-16-5-A-P-A - Festo 188102

Item no. FES-188102

Manufacturer Festo

EAN 4052568076900

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bore (mm)	16.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Piston, piston rod
Dichtmaterial	TPE-U(PU)
Funktion	pushing
HS-Code	84123100
Hub [mm]	5
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	M5
Position sensing	Yes
Series	AEVC
Temperature (max.)	80
Weight	0.08 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]	5,0
Piston diameter	16 mm
Spring return force for retracted piston rod [N]	5
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	Pressing single action

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Construction set up	Piston piston rod
Position detection	For proximity switch
Operating pressure [bar]	1.5 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	1 - low corrosion stress
ambient temperature [°C]	-20 to 80
Theoretical force at 6 bar, flow [N]	112,0
Moving mass [g]	15,00
Product weight [g]	95,0
Fastening type	With throughway bores With Accessories Selectively:
Pneumatic connection	M5
Material information	Copper and PTFE-free
Cover material	Aluminium wrought alloy anodized
Seals material	TPE-U(PU)
Housing material	Aluminium wrought alloy anodized
Piston rod material	High-alloyed steel