

Short-Stroke Cylinder ADVC-6-10-A-P-A - Festo 188065

Item no. FES-188065

Manufacturer Festo

EAN 4052568076535

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

TECHNICAL DATA

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
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	10
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	M3
Position sensing	Yes
Series	ADVC
Temperature (max.)	80
Weight	0.017 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]	10,0
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
Position detection	For proximity switch

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Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

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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	1 - low corrosion stress
ambient temperature [°C]	-20 to 80
Theoretical force at 6 bar, flow [N]	17,0
Moving mass [g]	2,00
Product weight [g]	23,0
Fastening type	With throughway bores With Accessories Selectively:
Pneumatic connection	M3
Material information	Copper and PTFE-free
Cover material	Aluminium wrought alloy anodized
Seals material	NBR TPE-U(PU)
Housing material	Aluminium wrought alloy anodized
Piston rod material	High-alloyed steel
Theoretical force at 6 bar, Return flow [N]	13,0