

Compact Cylinder ADN-S-10-10-A-A - Festo 8080590

Item no. FES-8080590

Manufacturer Festo

EAN 4052568447458

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bohrung (mm)	10.000000
HS-Code	84123100
Hub [mm]	10.000000
Pneumatischer Anschluss	M3
Weight	0.021 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	10 mm
Dampening	No dampening
installation position	arbitrary
Principle of operation	double acting
Piston rod end	Male thread
Construction set up	Piston piston rod
Variants	One-sided piston rod
Betriebsdruck Mpa [MPa]	0,1 bis 0,8
Operating pressure [bar]	1 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 60
Impact energy at the end positions [J]	0,012
Theoretical force at 6 bar, Return flow [N]	30,2
Theoretical force at 6 bar, flow [N]	47
Moving mass [g]	5,7
Product weight [g]	19,0
Fastening type	With throughway bores
Pneumatic connection	M3
Material information	RoHs compliant
Cover material	Aluminium wrought alloy
Dynamic seals material	NBR TPE-U(PU)
Housing material	Aluminium wrought alloy anodized
Piston rod material	High-alloyed stainless steels
Position detection	For proximity switch