

Compact Cylinder ADN-25-10-A-PPS-A - Festo 577182

Item no. FES-577182 Manufacturer Festo EAN 4052568104672

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bohrung (mm)	25.000000
HS-Code	84123100
Hub [mm]	10.000000
Pneumatischer Anschluss	M5
Weight	0.18 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
Piston diameter	25 mm
Piston rod thread	M8
Dampening	PPS: Self-setting pneumatic end position dampening
installation position	arbitrary
Complies to standard	ISO 21287
Piston rod end	Male thread
Position detection	For proximity switch
Variants	One-sided piston rod
Operating pressure [bar]	1.5 to 10
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
Impact energy at the end positions [J]	0,30
Theoretical force at 6 bar, Return flow [N]	247
Theoretical force at 6 bar, flow [N]	295
Moving mass at 0 mm stroke [g]	50
Weight supplement per 10 mm stroke [g]	23
Base weight at 0 mm stroke [g]	156
Supplement moved mass per 10 mm stroke [g]	6
Fastening type	With throughway bores With female thread With Accessories Selectively:
Pneumatic connection	M5
Material information	RoHs compliant
Cover material	aluminium anodized
Seals material	TPE-U(PUR)
Piston rod material	High-alloyed steel
Cylinder tube material	Aluminium wrought alloy Smooth anodised
Dampening length [mm]	3,5