

# Compact Cylinder ADNGF-100-20-P-A - Festo 554288

<b>Item no.</b>	FES-554288	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	ADNGF-100-20-P-A	<b>EAN</b>	4052568199135

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

## TECHNICAL DATA



Article authenticity	<b>Original product</b>
Betriebsdruck max [bar]	<b>10.000000</b>
Bohrung (mm)	<b>100.000000</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Hub [mm]	<b>20.000000</b>
Pneumatischer Anschluss	<b>G1/8</b>
Weight	<b>2.673 kg</b>

## 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]	20
Piston diameter	100 mm
Based on standard	ISO 21287
Dampening installation position	P: Elastic silencer rings / plates double-sided arbitrary
Construction set up	Piston piston rod profile tube
Position detection	For proximity switch
Anti-twist lock / guide	Guide rod with yoke
Operating pressure [bar]	1 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]	2,50
Theoretical force at 6 bar, Return flow [N]	4.524
Theoretical force at 6 bar, flow [N]	4.712
Moving mass at 0 mm stroke [g]	1.089
Weight supplement per 10 mm stroke [g]	116
Base weight at 0 mm stroke [g]	2.673
Supplement moved mass per 10 mm stroke [g]	43
Pneumatic connection	G1/8
Material information	RoHs compliant
Cover material	Aluminium die casting Coated
Seals material	TPE-U(PUR)
Piston rod material	High-alloyed steel
Cylinder tube material	Aluminium wrought alloy Smooth anodised