Compact Cylinder AEVUZ-100-10-P-A - Festo 157248

Item no.	**FES-157248**	**Manufacturer**	**Festo**
Manufacturer no.	**AEVUZ-100-10-P-A**	**EAN**	**4052568124601**

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

TECHNICAL DATA

Article authenticity	**Original product**
Betriebsdruck max [bar]	**10.000000**
Bohrung (mm)	**100.000000**
Condition of article	**New**
HS-Code	**84123100**
Hub [mm]	**10.000000**
Pneumatischer Anschluss	**G1/4**
Weight	**2.797 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	100 mm
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	single action Pulling
Piston rod end	Female thread
Construction set up	Piston piston rod
Position detection	For proximity switch
Variants	One-sided piston rod

Operating pressure [bar]	0.8 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	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Impact energy at the end positions [J]	1,00
Theoretical force at 6 bar, flow [N]	4.222
Moving mass at 0 mm stroke [g]	614
Weight supplement per 10 mm stroke [g]	177
Base weight at 0 mm stroke [g]	2.797
Supplement moved mass per 10 mm stroke [g]	38
Fastening type	With throughway bores With Accessories Selectively:
Pneumatic connection	G1/4
Flush screw material	Zinc plated steel
Cover material	Aluminium wrought alloy
Dynamic seals material	NBR TPE-U(PU)
Piston rod material	High-alloyed steel
Cylinder tube material	Aluminium wrought alloy