

Compact Cylinder ADVULQ-100-30-P-A - Festo 156753

Item no. FES-156753

Manufacturer Festo

EAN 4052568120061

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bohrung (mm)	100.000000
HS-Code	84123100
Hub [mm]	30.000000
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]	30
Piston diameter	100 mm
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	double acting
Piston rod end	Female thread
Construction set up	Piston piston rod
Position detection	For proximity switch
Variants	One-sided piston rod
Operating pressure [bar]	0.6 to 10
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]

esd.equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com

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Page 1/2

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, Return flow [N]	4.418
Theoretical force at 6 bar, flow [N]	4.712
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
Anti-twist lock / guide	Square piston rod