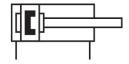
Compact cylinder ADVU-12- -A-P-A-R3 Part number: 176851

FESTO





Data sheet

Feature	Value
Stroke	1 mm200 mm
Piston diameter	12 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Piston-rod end	Male thread
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	High corrosion protection
Operating pressure	0.12 MPa1 MPa 1.2 bar10 bar 17.4 psi145 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C80 °C
Impact energy in end positions	0.07 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	51 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	68 N
Moving mass for 0 mm stroke	8 g
Additional moving mass per 10 mm stroke	2 g
Basic weight for 0 mm stroke	87 g
Additional weight per 10 mm stroke	15 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	M5
Material collar screws	High-alloy stainless steel
Material cover	Wrought aluminium alloy

Feature	Value
Material dynamic seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy