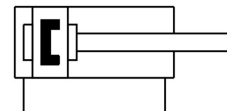


Compact cylinder ADVU-32- -A-P-A-S6

Part number: 156094

FESTO



General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 300 mm
Piston diameter	32 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
Symbol	00991217
Variants	Heat-resistant seals max. 120°C
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Operating pressure	14.5 psi ... 145 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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C ... 120 °C
Impact energy in end positions	0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Moving mass for 0 mm stroke	49 g
Additional moving mass per 10 mm stroke	9 g
Basic weight for 0 mm stroke	300 g
Additional weight per 10 mm stroke	40 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	G1/8
Material collar screws	Galvanised steel
Material cover	Wrought aluminium alloy
Material dynamic seals	FPM
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy