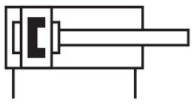
Compact air cylinder
ADVU-16-25-A-P-A

Part number: 156597





General operating condition

Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	16 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	External thread
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	0.12 MPa ... 1 MPa
Operating pressure	1.2 bar ... 10 bar
Operating pressure	17.4 psi ... 145 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.1 J
Theoretical force at 6 bar, retracting	90 N
Theoretical force at 6 bar, advancing	121 N
Moving mass at 0 mm stroke	12 g
Additional moving mass per 10 mm stroke	4 g
Basic weight with 0 mm stroke	89 g
Additional weight per 10 mm stroke	15 g
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	M5
Flange screws material	High-alloy stainless steel
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Wrought aluminum alloy

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