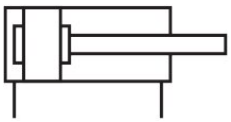
Short-stroke cylinder
ADVC-16-10-I-P

Part number: 188114





Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	16 mm
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Design	Piston Piston rod
Position detection	Without
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	90 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	121 N
Moving mass	13 g
Moving mass for 0 mm stroke	9 g
Additional moving mass per 10 mm stroke	4 g
Product weight	48 g
Basic weight for 0 mm stroke	36 g
Additional weight per 10 mm stroke	14 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy Anodised
Material seals	NBR TPE-U(PU)

Feature	Value
Material housing	Wrought aluminium alloy Anodised
Material piston rod	High-alloy steel