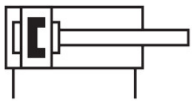
Short-stroke cylinder
ADVC-32-10-A-P-A

Part number: 188215





General operating condition

Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	32 mm
Based on norm	ISO 6431 Hole pattern VDMA 24562
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Symbol	00991217
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Operating pressure	14.5 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	483 N
Moving mass	55 g
Moving mass at 0 mm stroke	45 g
Additional moving mass per 10 mm stroke	10 g
Product weight	201 g
Basic weight with 0 mm stroke	166 g
Additional weight per 10 mm stroke	90 g
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Anodized
Seals material	TPE-U(PU)
Housing material	Wrought aluminum alloy Anodized

Feature	Value
Piston rod material	High-alloy steel