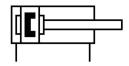
Short-stroke cylinder ADVC-40-5-A-P-A Part number: 188242







General operating condition

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Data sheet		

Feature	Value	
Stroke	5 mm	
Piston diameter	40 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	686 N	
Theoretical force at 6 bar, advancing	754 N	
Moving mass	66 g	
Moving mass at 0 mm stroke	61 g	
Additional moving mass per 10 mm stroke	10 g	
Product weight	298 g	
Basic weight with 0 mm stroke	275 g	
Additional weight per 10 mm stroke	26 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