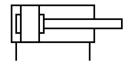
## Short-stroke cylinder ADVC-80-25-I-P Part number: 188315







General operating condition

Data sheet			

Feature	Value		
Stroke	25 mm		
Piston diameter	80 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	None		
Symbol	00991227		
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	2827 N		
Theoretical force at 6 bar, advancing	3016 N		
Moving mass	363 g		
Moving mass at 0 mm stroke	315 g		
Additional moving mass per 10 mm stroke	24 g		
Product weight	1158 g		
Basic weight with 0 mm stroke	994 g		
Additional weight per 10 mm stroke	112 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	NBR TPE-U(PU)		

Feature	Value
	Wrought aluminum alloy Anodized
Piston rod material	High-alloy steel