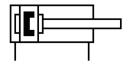
Compact air cylinder ADN-S-25-50-I-P-A

Part number: 8076344







General operating condition

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Feature	Value		
Stroke	50 mm		
Piston diameter	25 mm		
Cushioning	Elastic cushioning rings/pads at both ends		
Mounting position	Any		
Mode of operation	Double-acting		
Piston rod end	Internal thread		
Structural design	Piston Piston rod		
Position sensing	For proximity sensor		
Symbol	00991217		
Variants	Piston rod at one end		
Operating pressure	0.06 MPa 1 MPa		
Operating pressure	0.6 bar 10 bar		
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-B2-L		
Cleanroom class	Class 6 according to ISO 14644-1		
Ambient temperature	0 ℃ 60 ℃		
Impact energy in the end positions	0.3 J		
Theoretical force at 6 bar, retracting	247 N		
Theoretical force at 6 bar, advancing	295 N		
Moving mass at 0 mm stroke	25 g		
Additional moving mass per 10 mm stroke	6 g		
Basic weight with 0 mm stroke	88 g		
Additional weight per 10 mm stroke	30 g		
Type of mounting	Optionally: With through-hole With internal thread With accessories		
Pneumatic connection	M5		
Note on materials	RoHS-compliant		
Cover material	Wrought aluminum alloy, anodized		
Material of dynamic seals	NBR TPE-U(PU)		
Housing material	Wrought aluminum alloy, anodized		
Piston rod material	High-alloy stainless steel		