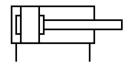
Compact air cylinders ADN-S-20-50-I-P Part number: 8076325







General operating condition

Data sheet		

Feature	Value	
Stroke	50 mm	
Piston diameter	20 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 rod	
Symbol	00991227	
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 °C 60 °C	
Impact energy in the end positions	0.14 J	
Theoretical force at 6 bar, retracting	141 N	
Theoretical force at 6 bar, advancing	188 N	
Moving mass at 0 mm stroke	11 g	
Additional moving mass per 10 mm stroke	6 g	
Basic weight with 0 mm stroke	51 g	
Additional weight per 10 mm stroke	26 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	
Housing material	Wrought aluminum alloy, anodized	
Piston rod material	High-alloy stainless steel	