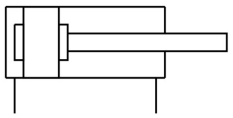
Compact air cylinders
ADN-S-16-25-I-P

Part number: 8076399





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	16 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
Symbol	00991227
Variants	Piston rod at one end
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 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
Ambient temperature	0 °C ... 60 °C
Impact energy in the end positions	0.1 J
Theoretical force at 6 bar, retracting	90 N
Theoretical force at 6 bar, advancing	121 N
Moving mass at 0 mm stroke	6 g
Additional weight per 10 mm stroke	18 g
Basic weight with 0 mm stroke	32.5 g
Additional moving mass per 10 mm stroke	4 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