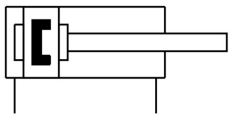
Compact air cylinder
ADN-12-20-A-P-A

Part number: 536207





Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	12 mm
Piston rod thread	M5
Type code	ADN
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	ISO 21287
Piston rod end	External thread
Position sensing	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
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)	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.07 J
Theoretical force at 6 bar, retracting	51 N
Theoretical force at 6 bar, advancing	68 N
Moving mass at 0 mm stroke	9 g
Additional weight per 10 mm stroke	12 g
Basic weight with 0 mm stroke	77 g
Additional moving mass per 10 mm stroke	2 g
Type of mounting	Optionally: With through-hole With accessories With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Anodized Aluminum
Seals material	TPE-U(PUR)
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized