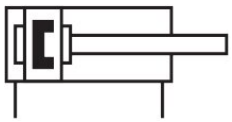
Compact cylinder
ADN-16-50-A-P-A

Part number: 536331





Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	16 mm
Piston rod thread	M6
Based on norm	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	External thread
Position sensing	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.06 MPa...1 MPa 0.6 bar...10 bar 8.7 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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	0.15 J
Theoretical force at 6 bar, retracting	90 N
Theoretical force at 6 bar, advancing	121 N
Moving mass	38 g
Product weight	145 g
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant
Flange screws material	Steel
Cover material	Wrought aluminum alloy, anodized
Seals material	TPE-U(PUR)

Feature	Value
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized