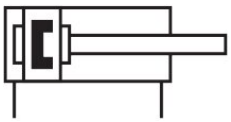
Compact cylinder
ADN-63-50-I-P-A

Part number: 536348





- General operating condition
- Compact cylinder
- Product details
- Category page
- Spare parts

Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	63 mm
Piston rod thread	M10
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Conforms to standard	ISO 21287
Piston-rod end	Female thread
Position detection	Via proximity switch
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	0.06 MPa ... 1 MPa
Operating pressure	0.6 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	1.3 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	1750 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	1870 N
Moving mass	260 g
Product weight	1011 g
Type of mounting	With through-hole With female thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Material collar screws	Steel
Material cover	Anodised wrought aluminium alloy
Material seals	TPE-U(PUR)

Feature	Value
Material piston rod	High-alloy steel
Material cylinder barrel	Smooth-anodised wrought aluminium alloy