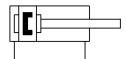
Compact cylinder ADN-63-80-I-P-A

Part number: 536350







General operating condition

Data sheet

Feature

Stroke	80 mm
Piston diameter	63 mm
Piston rod thread	M10
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
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 ℃ 80 ℃
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	309 g
Product weight	1189 g
Type of mounting	Either: With through-hole Via female thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant

Steel

TPE-U(PUR)

High-alloy steel

Anodised wrought aluminium alloy

Smooth-anodised wrought aluminium alloy

Value

Material collar screws

Material cover

Material seals

Material piston rod

Material cylinder barrel