Multi stage pneumatic cylinder
ADNM-63- -

Part number: 539697

Data sheet

Feature	Value
Piston diameter	63 mm
Possible stroke of last cylinder position	1 mm...2000 mm
Possible stroke of intermediate positions	1 mm...300 mm
Based on norm	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Profile barrel
Max. number of intermediate positions	5
Max. total of all individual strokes	2000 mm
Position sensing	For proximity sensor
Variants	Extended external thread piston rod Special thread on piston rod Extended piston rod Heat-resistant seals max. 120°C Laser etched rating plate
Operating pressure	0.06 MPa...1 MPa 0.6 bar...10 bar 8.7 psi...145 psi
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...120 °C
Theoretical force at 6 bar, retracting	1681 N
Theoretical force at 6 bar, advancing	1870 N
Type of mounting	With internal thread With accessories Optionally:
Pneumatic connection	G1/8
Note on materials	RoHS-compliant

Feature	Value
Cover material	Wrought aluminum alloy Anodized
Seals material	TPE-U(PU)
Housing material	Wrought aluminum alloy Anodized
Piston rod material	High-alloy steel