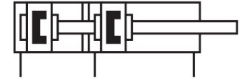


Multi stage pneumatic cylinder ADNM-100- -

Part number: 539698

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Piston diameter	100 mm
Possible stroke of last cylinder position	1 mm ... 2000 mm
Possible stroke of intermediate positions	1 mm ... 400 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
Symbol	00991220
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
Operating pressure	0.6 bar ... 10 bar
Operating pressure	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	4417 N
Theoretical force at 6 bar, advancing	4712 N
Type of mounting	With internal thread With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Anodized
Seals material	TPE-U(PU)
Housing material	Anodized

Feature	Value
Piston rod material	High-alloy steel