

Technical data

FESTO

 Condition of use

Part number: 539695
Order code 1 : ADN-25-A-P-A-150Z1-240Z2
Order-ID: C543334

Technical data

Feature name	Value
Piston diameter	25 mm
Possible stroke of the last cylinder position	240 mm
Possible stroke of the intermediate positions	150 mm
Short type code	ADNM
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Design	Piston Piston rod Profile barrel
Max. number of intermediate positions	5
Max. total of all individual strokes	1000 mm
Position detection	For proximity switch
Operating pressure (MPa)	0,080...1,000 MPa
Operating pressure (bar)	0,800...10,000 bar
Operating pressure (psi)	11,600...145,000 psi
Operating mode	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Note on operating/pilot medium	Lubricated operation possible (required for further use)
Corrosion resistance class KBK	Moderate corrosion stress - 2
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20...80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advancing	295 N
Type of mounting	Alternatively: With internal thread "With accessories" means indirect mounting via an intermediate element.
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy, anodized
Sealing material	TPE-U(PU)
Housing material	Anodized wrought aluminum alloy
Piston rod material	High-alloy steel