

# High-force cylinder ADNH-25- -

Part number: 539691

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	5 mm ... 150 mm
Piston diameter	25 mm
Based on norm	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod Profile barrel
Position sensing	For proximity sensor
Symbol	00991223 00991246 00991267
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	0.08 MPa ... 1 MPa
Operating pressure	0.8 bar ... 10 bar
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	247 N
Theoretical force at 6 bar, advancing	1036 N
Type of mounting	With internal thread With accessories
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Anodized
Seals material	TPE-U(PU)
Housing material	Anodized
Piston rod material	High-alloy steel