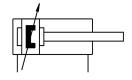
Standards-based cylinder DSNB-N-...-5""- - Part number: 8161116







Data sheet

Feature	Value
Stroke	0,0625 in98,9 in
Piston diameter	5""
Piston rod thread	7/8-14 UNF-2A 3/4-16 UNF-2B 3/4-16 UNF-2A 1-14 UNS-2B 1-14 UNS-2A 1 1/4-12 UNF-2A
Cushioning	Elastic cushioning rings/pads at both ends Pneumatic cushioning, adjustable at both ends No cushioning Pneumatic cushioning at both ends, non-adjustable Pneumatic cushioning at the front, non-adjustable Pneumatic cushioning at the rear, non-adjustable Pneumatic cushioning at the front, adjustable Pneumatic cushioning at the rear, adjustable Pneumatic cushioning at the rear, adjustable
Mounting position	Any
Conforms to standard	NFPA/T3.6.7
Piston rod end	External thread Bolt with male thread Internal thread
Structural design	Piston Piston rod Tie rod Cylinder barrel
Position sensing	For proximity sensor None

Feature	Value
Variants	Supply port, rotated 180°
	Supply port, rotated 270°
	Supply port, rotated 90°
	Supply port, lateral Flange on end cap
	Flange on bearing cap
	Foot mounting
	Noise reduction on both sides
	Extended external thread piston rod
	Extended piston rod
	Direct mounting via thread, frontal Swiveling rod eye mounting on the end cap
	Trunnion mounting on bearing cap
	Trunnion mounting on end cap
	Metal scraper
	Transverse load increased
	Low friction
	Through piston rod Screwed-on swivel mounting position
	Swivel mounting on end cap
	Swivel clevis on end cap
	Spacer bolt on end cap end
	Spacer bolts at both ends
	Spacer bolt on bearing cap end Temperature range 0 to + 150°C
	Piston rod at one end
	Rotated through 0°
	Rotated through 90°
	Rotated through 180°
	Rotated through 270°
Operating pressure	0.048 MPa1 MPa
	0.48 bar10 bar
Mode of operation	6.96 psi145 psi 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-20 °C150 °C
Ambient temperature Fahrenheit	-4 °F302 °F
Theoretical force at 6 bar, retracting	7297 N
Theoretical force at 6 bar, advancing	7601 N
Type of mounting	Optionally:
	Direct fastening via thread
	With accessories
Pneumatic connection	1/8 NPT
	1/4 NPT
	3/8 NPT
Note on materials	1/2 NPT RoHS-compliant
Cover material	Wrought aluminum alloy, anodized
Seals material	FPM NBR
	PUR
Piston rod material	Steel, hard-chrome-plated
Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized
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