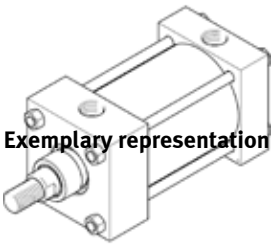
Standards-based cylinder
DSNB-N-...-1 1/2"- -

Part number: 8161111



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	0.0625 ... 98.9375 "
Piston diameter	1 1/2"
Piston rod thread	7/8-14 UNF-2A 7/16-20 UNF-2B 7/16-20 UNF-2A 3/4-16 UNF-2B 3/4-16 UNF-2A 1/2-20 UNF-2A
Cushioning	P: Flexible cushioning rings/plates at both ends PPV: Pneumatic cushioning adjustable at both ends No cushioning PP 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
Assembly position	Any
Conforms to standard	NFPA/T3.6.7
Piston-rod end	Male thread Bolt with male thread Female thread
Design structure	Piston Piston rod Tie rod Cylinder barrel
Position detection	For proximity sensor No
Variants	Extended male piston rod thread Extended piston rod Metal wiper seal Low-friction Through piston rod Screwed swivel mounting position Spacer bolt on end cap side Spacer bolt on both sides Spacer bolt on bearing cap side Temperature range 0 - 150 °C Single-ended piston rod Noise reduction on both sides Compressed air connection, rotated 90° Compressed air connection, rotated 180° Compressed air connection, rotated 270° Flange on the bearing cap Flange on the end cap

Feature	Value
	Swivel clevis on the end cap Swivel mounting on the end cap Foot mounting Swivelling rod eye mounting on the end cap Transverse force increased Supply port, lateral Direct mounting via thread, at the front Trunnion mounting on bearing cap Trunnion mounting on the end cap
Position of the adjusting screw	Rotated 0° Rotated 90° Rotated 180° Rotated 270°
Operating pressure MPa	0.048 ... 1 MPa
Working pressure	0.48 ... 10 bar
Operating pressure	6.96 ... 145 psi
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Ambient temperature	-20 ... 150 °C
Ambient temperature Fahrenheit	-4 ... 302 °F
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	563 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	680 N
Mounting type	Direct mounting via threads with accessories Optional
Pneumatic connection	1/8 NPT 1/4 NPT 3/8 NPT
Materials note	Conforms to RoHS
Material cover	Anodised wrought aluminium alloy
Material seals	FPM NBR PUR
Material piston rod	Hard-chrome-plated steel
Material cylinder barrel	Smooth-anodised wrought aluminium alloy