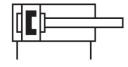
Round cylinder DSNU-2 1/2"- -P-A Part number: 548491





Data sheet

Feature	Value
Stroke	0.4 in20 in
Piston diameter	2 1/2"
Piston rod thread	5/8-18 UNF-2A
Based on standard	ISO 6431
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Piston-rod end	Male thread
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.1 MPa1 MPa 1 bar10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-4 °F176 °F
Impact energy in end positions	0.959 ft-lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	336 lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	374 lbf
Moving mass for 0 mm stroke	16.2 oz
Additional weight per 10 mm stroke	0.882 oz
Type of mounting	With accessories
Pneumatic connection	3/8 NPT
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel

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Feature	Value
Material cylinder barrel	High-alloy stainless steel