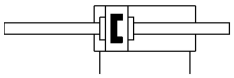
Round cylinder DSNU-2 1/2""- -P-A-S2

Part number: 548519



Data sheet

Feature	Value
Stroke	0,4 in...20 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	Through piston rod
Operating pressure	0.1 MPa...1 MPa 1 bar...10 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 °F...176 °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	13013 oz
Additional weight per 10 mm stroke	709 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

Feature	Value
Material cylinder barrel	High-alloy stainless steel