

# Round cylinder DSNU-3/8"-1"-P-A

Part number: 546398

**FESTO**



## Data sheet

Feature	Value
Stroke	1 in
Piston diameter	3/8"
Piston rod thread	6-32 UNC-2A
Based on standard	ISO 6432
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 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	0.0369 ft-lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	8.9 lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	10.6 lbf
Moving mass for 0 mm stroke	0.3 oz
Additional moving mass per 10 mm stroke	0.035 oz
Basic weight for 0 mm stroke	1.32 oz
Additional weight per 10 mm stroke	0.095 oz
Type of mounting	With accessories
Pneumatic connection	10-32 UNF-2B
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)

Feature	Value
Material piston rod	High-alloy stainless steel
Material cylinder barrel	High-alloy stainless steel