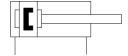
## Round cylinder DSNU-3/8"-4"-P-A Part number: 546402

**FESTO** 

Based on DIN ISO 6432, for position sensing Various mounting options, with or without additional mounting components. With flexible cushioning rings in the end positions.





## **Data sheet**

Feature	Value
Stroke	4 "
Piston diameter	3/8"
Piston rod thread	6-32 UNC-2A
Based on the standard	ISO 6432
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Piston-rod end	Male thread
Design structure	Piston
	Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure MPa	0.1 1 MPa
Working pressure	1 10 bar
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	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-4 176 °F
Impact energy in end positions	0.0369 ft-lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	8.9 lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	10.6 lbf
Moving mass with 0 mm stroke	0.3 oz
Additional mass factor per 10 mm of stroke	0.035 oz
Basic weight for 0 mm stroke	1.316 oz
Additional weight per 10 mm stroke	0.095 oz
Mounting type	with accessories
Pneumatic connection	10-32 UNF-2B
Material cover	Wrought Aluminum alloy
Material seals	NBR
	TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive