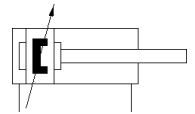
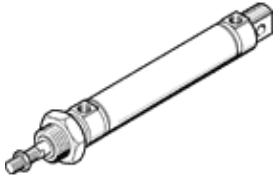


# Round cylinder DSNU-1"-4"-PPV-A

Part number: 546417

FESTO



## Data sheet

Feature	Value
Stroke	4 "
Piston diameter	1"
Piston rod thread	UNF3/8-24
Based on the standard	ISO 6432
Cushioning	PPV: Pneumatic cushioning adjustable 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
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
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.2213 ft-lbf
Cushioning length	0.67 "
Theoretical force at 6 bar, return stroke	55.6 lbf
Theoretical force at 6 bar, advance stroke	66.2 lbf
Moving mass with 0 mm stroke	2.504 oz
Additional weight per 10 mm stroke	0.388 oz
Basic weight for 0 mm stroke	8.395 oz
Additional mass factor per 10 mm of stroke	0.212 oz
Mounting type	with accessories
Pneumatic connection	NPT1/8-27
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