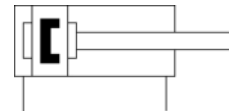
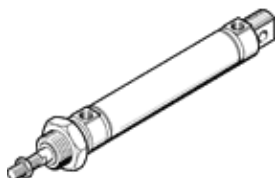


Round cylinder DSNU-1/2"-1/2"-P-A-B

Part number: 546387

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	values
Stroke	0.5 "
Piston diameter	1/2 "
Piston rod thread	UNF10-32
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
Working pressure	14.5 ... 145 Psi
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
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.0516 ft-lbf
Theoretical force at 6 bar, return stroke	11.4 lbf
Theoretical force at 6 bar, advance stroke	15.3 lbf
Moving mass with 0 mm stroke	0.653 oz
Additional weight per 10 mm stroke	0.141 oz
Basic weight for 0 mm stroke	2.646 oz
Additional mass factor per 10 mm of stroke	0.071 oz
Mounting type	with accessories
Pneumatic connection	UNF10-32
Materials information for cover	Wrought Aluminum alloy
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	High alloy steel, non-corrosive