

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

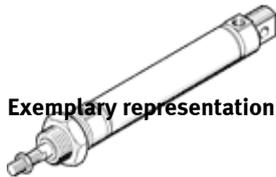
Part number: 164384

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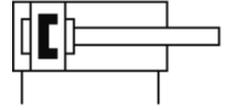
Based on DIN ISO 6432, for position sensing Various mounting options, with or without additional mounting components. With flexible cushioning rings in the end positions.

A minimum stroke of 10 mm is required for position sensing with proximity sensors.

This product is only available if ordered from the Festo Corporation, USA.



Exemplary representation



## Data sheet

Feature	Value
Stroke	0.04 ... 8 "
Piston diameter	1/2"
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	0.04 ... 8 "
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	-4
Theoretical force at 6 bar, return stroke	-4
Theoretical force at 6 bar, advance stroke	-4
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 Aluminium 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