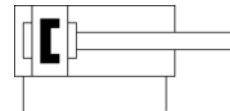


Round cylinder DSNU-50-320-P-A

Part number: 196009

FESTO

For position sensing, with elastic cushioning rings in end positions.
Various mounting options, with or without additional mounting components.



Data sheet

Feature	values
Stroke	320 mm
Piston diameter	50 mm
Piston rod thread	M16x1,5
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
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
Ambient temperature	-20 ... 80 °C
Theoretical force at 6 bar, return stroke	989.6 N
Theoretical force at 6 bar, advance stroke	1,178.1 N
Moving mass	1,213 g
Product weight	2,367 g
Mounting type	with accessories
Pneumatic connection	G1/4
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminum alloy
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	High alloy steel, non-corrosive