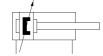
round cylinder DSNU-32-80-PPV-A Part number: 196023

FESTO

For position sensing, with adjustable end-position cushioning. Various mounting options, with or without additional mounting components.





Data sheet

Feature	values
Stroke	80 mm
Piston diameter	32 mm
Piston rod thread	M10x1,25
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	For proximity sensor
Operating 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	-20 80 °C
Cushioning length	14 mm
Theoretical force at 6 bar, return stroke	415 N
Theoretical force at 6 bar, advance stroke	482.5 N
Moving mass	193 g
Product weight	493 g
Mounting type	with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminium 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