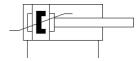
## Round cylinder DSNU-32-320-PPS-A Part number: 559304

**FESTO** 

with self-adjusting pneumatic end position cushioning





## **Data sheet**

Feature	Value
Stroke	320 mm
Piston diameter	32 mm
Piston rod thread	M10x1,25
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	For proximity sensor
Operating pressure MPa	0.1 1 MPa
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
PWIS conformity	VDMA24364-B1/B2-L
Cleanroom class	ISO class 6
Ambient temperature	-20 80 °C
·	14 mm
Cushioning length Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	482.5 N
Moving mass Product weight	409 g
	866 g with accessories
Mounting type  Pneumatic connection	G1/8
	Conforms to RoHS
Materials note	
Material cover	Wrought Aluminum alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	High alloy steel, non-corrosive