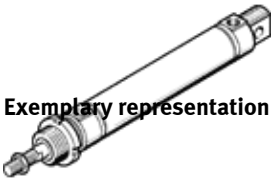
Round cylinder
DSNU-1 1/4"- -P

Part number: 548478

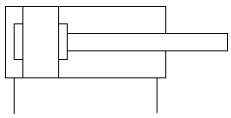
FESTO

Based on DIN ISO 6431, with flexible cushioning rings in end positions
Various mounting options, with or without additional mounting components.

Type to be discontinued. Available until 2022. See Support Portal for alternative products.



Exemplary representation



Data sheet

Feature	Value
Stroke	0.04 ... 20 "
Piston diameter	1 1/4"
Piston rod thread	3/8-24 UNF-2A
Based on the standard	ISO 6431
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	No
Variants	Single-ended piston rod
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
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.295 ft-lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	83 lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	96.5 lbf
Moving mass	121 g
Moving mass with 0 mm stroke	4.268 oz
Additional weight per 10 mm stroke	0.317 oz
Mounting type	with accessories
Pneumatic connection	1/8 NPT
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive