

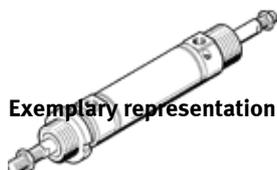
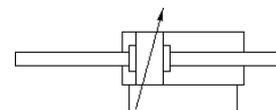
round cylinder DSNU-2"- -PPV-S2

Part number: 548508
Product to be discontinued

FESTO

Based on DIN ISO 6431, with adjustable end-position cushioning
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	2"
Piston rod thread	5/8-18 UNF-2A
Based on the standard	ISO 6431
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	No
Variants	Through piston rod
Operating pressure MPa	0.1 ... 1 MPa
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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.7376 ft-lbf
Cushioning length	0.79 "
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	197.92 lbf
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	235.62 lbf
Moving mass with 0 mm stroke	14.568 oz
Additional weight per 10 mm stroke	0.882 oz
Mounting type	with accessories
Pneumatic connection	1/4 NPT
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive