

# Tie rod cylinder

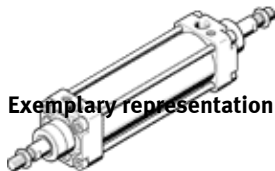
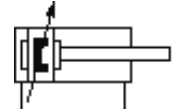
## DNG-2 1/2"- -PPV-A-S2

Part number: 549949

FESTO

Based on ISO 15552, NF E 49 003.1 and UNI 10 290, For proximity sensing, with adjustable end-position cushioning at both ends.

This product is only available if ordered from the Festo Corporation, USA.



## Data sheet

Feature	Value
Stroke	1 ... 2,000 mm
Piston diameter	2 1/2"
Piston rod thread	UNF5/8-18
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	S2: through piston rod
Operating pressure	0.6 ... 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-20 ... 80 °C
Cushioning length	23 mm
Theoretical force at 6 bar, return stroke	1,682 N
Theoretical force at 6 bar, advance stroke	1,870 N
Additional weight per 10 mm stroke	60 g
Basic weight for 0 mm stroke	1,725 g
Mounting type	with accessories
Pneumatic connection	NPT3/8-18
Materials information for cover	Aluminium
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium die cast
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy