

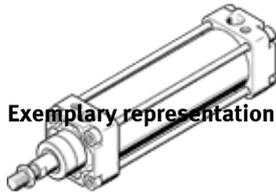
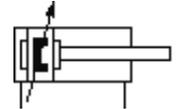
# Tie rod cylinder DNG-2 1/2"- -PPV-A-S6

Part number: 549956

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	S6: heat-resistant seals to max. 120 °C
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	0 ... 120 °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	FPM
Materials information, housing	Aluminium die cast
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy