

Tie rod cylinder

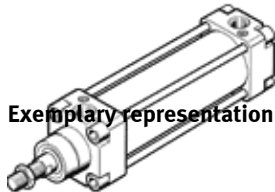
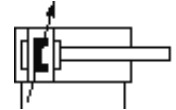
DNG-1 1/4"- -PPV-A-S6

Part number: 549953

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 | 1 1/4" |
| Piston rod thread | UNF3/8-24 |
| 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 | 19 mm |
| Theoretical force at 6 bar, return stroke | 415 N |
| Theoretical force at 6 bar, advance stroke | 483 N |
| Additional weight per 10 mm stroke | 30 g |
| Basic weight for 0 mm stroke | 565 g |
| Mounting type | with accessories |
| Pneumatic connection | NPT1/8-27 |
| 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 |