

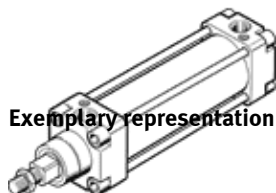
Standard cylinder DNGL-1 5/8"- -PPV-A

Part number: 549968

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.



Exemplary representation



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 500 mm |
| Piston diameter | 1 5/8" |
| Piston rod thread | UNF1/2-20 |
| 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 | Single-ended piston rod |
| Protection against torque/guide | Square piston rod |
| Working 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 | 21 mm |
| Theoretical force at 6 bar, return stroke | 633 N |
| Theoretical force at 6 bar, advance stroke | 754 N |
| Additional weight per 10 mm stroke | 40 g |
| Basic weight for 0 mm stroke | 790 g |
| Mounting type | with accessories |
| Pneumatic connection | NPT1/4-18 |
| Materials information for cover | Aluminum |
| Materials information for seals | NBR TPE-U(PU) |
| Materials information, housing | Aluminum die cast |
| Materials information for piston rod | High alloy steel |
| Materials information for cylinder barrel | Wrought Aluminum alloy |