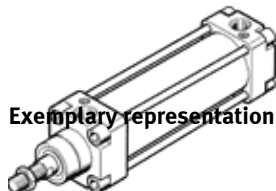


Standard cylinder DNG-50- -PPV-A

Part number: 30002

FESTO

As per ISO 15552, NF E 49 003.1 and UNI 10 290, for proximity sensing,
with adjustable cushioning at both ends.



Exemplary representation



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 2,000 mm |
| Piston diameter | 50 mm |
| Piston rod thread | M16x1,5 |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Conforms to standard | ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290) |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Operating pressure | 0.6 ... 12 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 |
| Ambient temperature | -20 ... 80 °C |
| Authorisation | Germanischer Lloyd |
| Cushioning length | 23 mm |
| Theoretical force at 6 bar, return stroke | 990 N |
| Theoretical force at 6 bar, advance stroke | 1,178 N |
| Additional weight per 10 mm stroke | 50 g |
| Basic weight for 0 mm stroke | 1,400 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/4 |
| Materials information for cover | Aluminium |
| Materials information for seals | NBR TPE-U(PU) |
| Materials information for piston rod | High alloy steel |
| Materials information for cylinder barrel | Wrought Aluminium alloy |