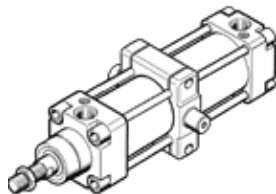


Standard cylinder DNGZK-80-125-PPV-A

Part number: 36452

FESTO

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



Data sheet

| Feature | Value |
|--|---|
| Stroke | 125 mm |
| Piston diameter | 80 mm |
| Piston rod thread | M20x1,5 |
| 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 |
| 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 |
| Cushioning length | 30 mm |
| Theoretical force at 6 bar, return stroke | 2,721 N |
| Theoretical force at 6 bar, advance stroke | 3,016 N |
| Additional weight per 10 mm stroke | 80 g |
| Basic weight for 0 mm stroke | 3,960 g |
| Mounting type | with accessories |
| Pneumatic connection | G3/8 |
| Materials information for cover | Aluminium die cast |
| Materials information for seals | NBR TPE-U(PU) |
| Materials information for piston rod | High alloy steel |
| Materials information for cylinder barrel | Wrought Aluminium alloy |