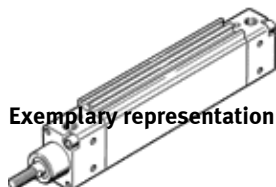
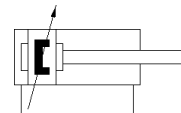


flat cylinder DZH-1"- -PPV-A

Part number: 157611

FESTO

Non-rotating, for proximity sensing, with adjustable cushioning at both ends. Various mounting options, with or without additional mounting components.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 0.04 ... 20 " |
| Piston diameter | 1 " |
| Max. angular deflection of piston rod +/- | 2.4 deg |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Protection against torque/guide | Oval piston |
| Operating pressure MPa | 0.1 ... 1 MPa |
| Operating pressure | 1 ... 10 bar |
| 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 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Ambient temperature | -20 ... 80 °C |
| Cushioning length | 17 mm |
| Max. torque for protection against rotation | 0.8 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 247 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 295 N |
| Additional mass factor per 10 mm of stroke | 177 g |
| Additional weight per 10 mm stroke | 21 g |
| Basic weight for 0 mm stroke | 330 g |
| Mounting type | with internal (female) thread with accessories Optional |
| Pneumatic connection | 1/8 NPT |
| Materials note | Conforms to RoHS |
| Material cover | Aluminium |
| Material seals | TPE-U(PU) |
| Material housing | Aluminium |
| Material piston rod | High alloy steel |