

Flat cylinder DZH-40-25-PPV-A

Part number: 14052

FESTO



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Stroke | 25 mm |
| Piston diameter | 40 mm Equivalent diameter |
| Max. angle of rotation of the piston rod +/- | 1.4 deg |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod |
| Position sensing | For proximity sensor |
| Symbol | 00991235 |
| Protection against torsion/guide | Oval piston |
| Operating pressure | 0.06 MPa ... 1 MPa |
| Operating pressure | 0.6 bar ... 10 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -20 °C ... 80 °C |
| Cushioning length | 21 mm |
| Max. torque for protection against rotation | 1.2 Nm |
| Theoretical force at 6 bar, retracting | 633 N |
| Theoretical force at 6 bar, advancing | 754 N |
| Additional weight per 10 mm stroke | 40 g |
| Basic weight with 0 mm stroke | 820 g |
| Type of mounting | Optionally: With internal thread With accessories |
| Pneumatic connection | G1/4 |
| Note on materials | RoHS-compliant |
| Cover material | Aluminum |
| Seals material | TPE-U(PU) |
| Housing material | Aluminum |
| Piston rod material | High-alloy steel |