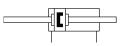
Flat cylinder DZF-40- -P-A-S2 Part number: 164051



Data sheet

| Feature | Value |
|--|--|
| Stroke | 1 mm320 mm |
| Piston diameter | 40 mm Equivalent diameter |
| Max. angle of rotation of the piston rod +/- | 0.6 deg |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod |
| Position sensing | For proximity sensor |
| Variants | Through piston rod |
| Protection against torsion/guide | Oval piston |
| Operating pressure | 0.1 MPa1 MPa 1 bar10 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-B1/B2-L |
| Ambient temperature | -20 °C80 °C |
| Max. torque for protection against rotation | 1 Nm |
| Theoretical force at 6 bar, retracting | 633 N |
| Theoretical force at 6 bar, advancing | 633 N |
| Moving mass at 0 mm stroke | 120 g |
| Additional moving mass per 10 mm stroke | 16 g |
| Additional weight per 10 mm stroke | 40 g |
| Basic weight with 0 mm stroke | 480 g |
| Type of mounting | Optionally: With internal thread With accessories |
| Pneumatic connection | G1/8 |
| Cover material | Wrought aluminum alloy |
| Seals material | NBR TPE-U(PU) |

Feb 3, 2024 – Subject to change - Festo SE & Co. KG

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| Feature | Value |
|---------------------|-----------------------------|
| 0 | Aluminum Smooth anodized |
| Piston rod material | High-alloy steel |