

Flat cylinder DZF-2 1 1/2""-5""-P-A

Part number: 194280

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 5 in |
| Piston diameter | 2 1/2 " " |
| Max. angle of rotation of the piston rod +/- | 0.4 deg |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mode of operation | Double-acting |
| Protection against torsion/guide | Oval piston |
| Operating pressure | 0.1 MPa...1 MPa 1 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-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Theoretical force at 6 bar, retracting | 1682 N |
| Theoretical force at 6 bar, advancing | 1870 N |
| Moving mass at 0 mm stroke | 337 g |
| Additional moving mass per 10 mm stroke | 40 g |
| Additional weight per 10 mm stroke | 25 g |
| Basic weight with 0 mm stroke | 1379 g |
| Pneumatic connection | 1/4 NPT |
| Cover material | Aluminum |
| Seals material | FPM TPE-U(PU) |
| Housing material | Wrought aluminum alloy |
| Piston rod material | High-alloy steel |