

Flat cylinder DZF-2 1/2""-6""-P-A

Part number: 194281

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 6 in |
| Piston diameter | 2 1/2 " " |
| Torsional backlash at piston rod +/- | 0.4 deg |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mode of operation | Double-acting |
| Protection against torque/guide | Oval piston |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 1682 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 1870 N |
| Moving mass for 0 mm stroke | 337 g |
| Additional moving mass per 10 mm stroke | 40 g |
| Additional weight per 10 mm stroke | 25 g |
| Basic weight for 0 mm stroke | 1379 g |
| Pneumatic connection | 1/4 NPT |
| Material cover | Aluminium |
| Material seals | FPM TPE-U(PU) |
| Material housing | Wrought aluminium alloy |
| Material piston rod | High-alloy steel |