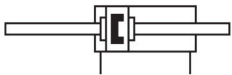


# Flat cylinder

## DZF-2 1 1/2"- -P-A-S2

Part number: 194262

FESTO



### Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 0.04 in...13 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<br>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 | 1682 N   |
| Pneumatic connection   | 1/4 NPT  |
| Material cover   | Aluminium  |
| Material seals   | FPM<br>TPE-U(PU)   |
| Material housing   | Wrought aluminium alloy  |
| Material piston rod  | High-alloy steel   |