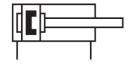
## Flat cylinder DZF-1 5/8"-1/2"-A-P-A Part number: 194209





## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 0.5 in   |
| Piston diameter  | 1 5/8"   |
| Torsional backlash at piston rod +/-                         | 0.6 deg  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mode of operation  | Double-acting  |
| Protection against torque/guide                              | Oval piston  |
| Operating pressure   | 0.1 MPa1 MPa<br>1 bar10 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 °C80 °C  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 633 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 754 N  |
| Moving mass for 0 mm stroke                                  | 120 g  |
| Additional moving mass per 10 mm stroke                      | 24 g   |
| Additional weight per 10 mm stroke                           | 16 g   |
| Basic weight for 0 mm stroke                                 | 480 g  |
| Pneumatic connection   | 1/8 NPT  |
| Material cover   | Aluminium  |
| Material seals   | FPM<br>TPE-U(PU)   |
| Material housing   | Wrought aluminium alloy  |
| Material piston rod  | High-alloy steel   |

## **FESTO**