

# Flat cylinder DZF-1 5/8"-8"-P-A

Part number: 194228

FESTO



## Data sheet

| Feature                                      | Value  |
|--|--|
| Stroke                                       | 203.2 mm   |
| Piston diameter                              | 1 5/8"   |
| Max. angle of rotation of the piston rod +/- | 0.6 deg  |
| Type code                                    | DZF  |
| Cushioning                                   | Elastic cushioning rings/pads at both ends                         |
| Mode of operation                            | Double-acting  |
| Symbol                                       | 00991217   |
| Protection against torsion/guide             | Oval piston  |
| Operating pressure                           | 1 bar ... 10 bar   |
| Operating pressure                           | 0.1 MPa ... 1 MPa  |
| 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                                      |
| Ambient temperature                          | -20 °C ... 80 °C   |
| Theoretical force at 6 bar, retracting       | 633 N  |
| Theoretical force at 6 bar, advancing        | 754 N  |
| Moving mass at 0 mm stroke                   | 120 g  |
| Additional weight per 10 mm stroke           | 16 g   |
| Basic weight with 0 mm stroke                | 480 g  |
| Additional moving mass per 10 mm stroke      | 9 g  |
| Pneumatic connection                         | 1/8 NPT  |
| Cover material                               | Aluminum   |
| Seals material                               | FPM<br>TPE-U(PU)   |
| Housing material                             | Wrought aluminum alloy   |
| Piston rod material                          | High-alloy steel   |