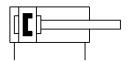
## Flat cylinder DZF-25-200-A-P-A Part number: 161258





## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 200 mm   |
| Piston diameter  | 25 mm<br>Equivalent diameter   |
| Torsional backlash at piston rod +/-                         | 1 deg  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Mode of operation  | Double-acting  |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| 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  |
| Max. torque for protection against torsion                   | 0.5 Nm   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 247 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 295 N  |
| Moving mass for 0 mm stroke                                  | 40 g   |
| Additional moving mass per 10 mm stroke                      | 6 g  |
| Additional weight per 10 mm stroke                           | 18 g   |
| Basic weight for 0 mm stroke                                 | 168 g  |
| Type of mounting   | Either:<br>Via female thread<br>With accessories   |
| Pneumatic connection   | M5   |
| Material cover   | Wrought aluminium alloy  |
| Material seals   | NBR<br>TPE-U(PU)   |

## **FESTO**

| Feature             | Value                        |
|---------------------|------------------------------|
| 5                   | Aluminium<br>Smooth anodised |
| Material piston rod | High-alloy stainless steel   |