

# Stopper cylinder DFSP-Q-50-25-PR-PA

Part number: 576166

FESTO



 General operating condition

## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 25 mm  |
| Piston diameter                                      | 50 mm  |
| Cushioning   | Elastic cushioning rings/pads at both ends                               |
| Mounting position                                    | Any  |
| Mode of operation                                    | Single-acting<br>Pulling   |
| Structural design                                    | Piston<br>Piston rod with roller<br>Profile barrel<br>Anti-twist feature |
| Position sensing                                     | For proximity sensor   |
| Symbol   | 00995267   |
| Variants   | Piston rod secured against twisting                                      |
| Protection against torsion/guide                     | Flattened piston rod   |
| Operating pressure                                   | 0.12 MPa ... 1 MPa   |
| Operating pressure                                   | 1.2 bar ... 10 bar   |
| 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  |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L  |
| Ambient temperature                                  | -10 °C ... 80 °C   |
| Permissible impact force on the advanced piston rod  | 5000 N   |
| Permissible lateral force during switching operation | 1250 N   |
| Max. cycle rate                                      | 5 Hz   |
| Type of mounting                                     | With through-hole<br>With internal thread<br>With accessories            |
| Pneumatic connection                                 | G1/8   |
| Note on materials                                    | RoHS-compliant   |
| Flange screws material                               | Steel, galvanized  |
| Cover material                                       | Wrought aluminum alloy<br>Anodized                                       |
| Seals material                                       | TPE-U(PU)  |
| Piston rod material                                  | High-alloy stainless steel   |
| Roller material                                      | Steel, galvanized  |
| Material of cylinder barrel                          | Wrought aluminum alloy<br>Smooth anodized                                |