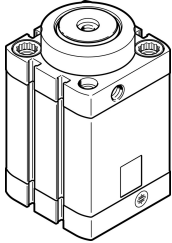


# Stopper cylinder DFSP-50-20-DF-PA

Part number: 576156

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 20 mm  |
| Piston diameter                                      | 50 mm  |
| Piston rod thread                                    | M8   |
| Cushioning   | Elastic cushioning rings/pads at both ends                                   |
| Mounting position                                    | Any  |
| Mode of operation                                    | Double-acting  |
| Structural design                                    | Piston<br>Piston rod<br>Profile barrel                                       |
| Position sensing                                     | For proximity sensor   |
| Piston rod end                                       | Internal thread  |
| Variants   | Internal thread on piston rod  |
| Protection against torsion/guide                     | Round piston rod   |
| Operating pressure                                   | 0.1 MPa...1 MPa<br>1 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  | 6280 N   |
| Permissible lateral force during switching operation | 1570 N   |
| Max. cycle rate                                      | 5 Hz   |
| Type of mounting                                     | Optionally:<br>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)  |

| <b>Feature</b>              | <b>Value</b>                              |
|-----------------------------|---|
| Piston rod material         | High-alloy stainless steel                |
| Roller material             | Steel, galvanized                         |
| Material of cylinder barrel | Wrought aluminum alloy<br>Smooth anodized |