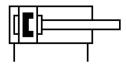
## Stopper cylinder DFSP-50-20-DS-PA Part number: 576147

**FESTO** 





General operating condition

| Feature  | Value   |
|--|---|
| Stroke   | 20 mm   |
| Piston diameter                                      | 50 mm   |
| Cushioning   | Elastic cushioning rings/pads at both ends                          |
| Mounting position                                    | Any   |
| Mode of operation                                    | Double-acting   |
| Structural design                                    | Piston Piston rod Profile barrel                                    |
| Position sensing                                     | For proximity sensor  |
| Symbol   | 00991217  |
| Protection against torsion/guide                     | Round piston rod  |
| Operating pressure                                   | 0.1 MPa 1 MPa   |
| Operating pressure                                   | 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: With through-hole With internal thread 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                           |