

# Stopper cylinder DFSP-32-20-DF-PA

Part number: 576109

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Stroke  | 20 mm  |
| Piston diameter   | 32 mm  |
| Piston rod thread   | M6   |
| 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  |
| Symbol  | 00991217   |
| Variants  | Internal thread on piston rod                                      |
| 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  |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1                                   |
| Ambient temperature                                       | -10 °C ... 80 °C   |
| Permissible impact force on the advanced piston rod       | 3270 N   |
| Permissible lateral force during switching operation      | 595 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  |

| Feature                     | Value                                     |
|-----------------------------|---|
| Material of cylinder barrel | Wrought aluminum alloy<br>Smooth anodized |