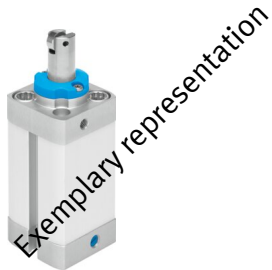


# Stopper cylinder DFSP-20-

Part number: 575167

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value                                                                |
|------------------------------------------|----------------------------------------------------------------------|
| Stroke                                   | 5 mm ... 20 mm                                                       |
| Piston diameter                          | 20 mm                                                                |
| Cushioning                               | Elastic cushioning rings/pads at both ends                           |
| Mounting position                        | Any                                                                  |
| Mode of operation                        | Double-acting<br>Single-acting<br>Pulling                            |
| Structural design                        | Anti-twist feature                                                   |
| Position sensing                         | For proximity sensor                                                 |
| Variants                                 | Internal thread on piston rod<br>Piston rod secured against twisting |
| Protection against torsion/guide         | Flattened piston rod<br>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                                                     |
| Max. cycle rate                          | 5 Hz                                                                 |
| Type of mounting                         | With through-hole<br>With internal thread<br>With accessories        |
| Pneumatic connection                     | M5                                                                   |
| 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                            |