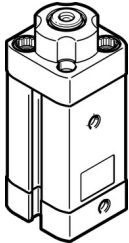
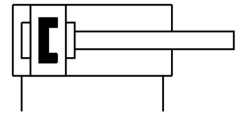


# Stopper cylinder DFSP-16-10-DF-PA

Part number: 576064

FESTO



## Data sheet

| Feature                                              | Value                                                                        |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Stroke                                               | 10 mm                                                                        |
| Piston diameter                                      | 16 mm                                                                        |
| Piston rod thread                                    | M3                                                                           |
| Type code                                            | DFSP                                                                         |
| Cushioning                                           | Elastic cushioning rings/pads at both ends                                   |
| Mounting position                                    | Any                                                                          |
| Mode of operation                                    | Double-acting                                                                |
| Design                                               | Profile barrel<br>Piston rod<br>Piston                                       |
| Position sensing                                     | For proximity sensor                                                         |
| Piston rod end                                       | Internal thread                                                              |
| Symbol                                               | 00991217                                                                     |
| Protection against torsion/guide                     | Round piston rod                                                             |
| 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                                                |
| Ambient temperature                                  | -10 °C ... 80 °C                                                             |
| Permissible impact force on the advanced piston rod  | 880 N                                                                        |
| Permissible lateral force during switching operation | 147 N                                                                        |
| Max. cycle rate                                      | 5 Hz                                                                         |
| Type of mounting                                     | With accessories<br>With through-hole<br>Optionally:<br>With internal thread |
| Pneumatic connection                                 | M5                                                                           |
| Note on materials                                    | RoHS-compliant                                                               |
| Flange screws material                               | High-alloy stainless steel                                                   |
| Cover material                                       | Anodized<br>Wrought aluminum alloy                                           |
| Seals material                                       | TPE-U(PU)                                                                    |
| Piston rod material                                  | High-alloy stainless steel                                                   |
| Roller material                                      | Steel, galvanized                                                            |
| Material of cylinder barrel                          | Smooth anodized<br>Wrought aluminum alloy                                    |