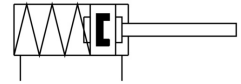


# Stopper cylinder DFSP-40-25-S-PA

Part number: 576121

**FESTO**



## Data sheet

| Feature                                              | Value                                                                        |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Stroke                                               | 25 mm                                                                        |
| Piston diameter                                      | 40 mm                                                                        |
| Type code                                            | DFSP                                                                         |
| Cushioning                                           | Elastic cushioning rings/pads at both ends                                   |
| Mounting position                                    | Any                                                                          |
| Mode of operation                                    | Double-acting<br>Pulling                                                     |
| Structural design                                    | Piston<br>Piston rod<br>Profile barrel                                       |
| Position sensing                                     | For proximity sensor                                                         |
| Symbol                                               | 00995272                                                                     |
| Protection against torsion/guide                     | Round piston rod                                                             |
| Operating pressure                                   | 1.2 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  | 5540 N                                                                       |
| Permissible lateral force during switching operation | 1108 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)                                                                    |
| Piston rod material                                  | High-alloy stainless steel                                                   |
| Roller material                                      | Steel, galvanized                                                            |
| Material of cylinder barrel                          | Wrought aluminum alloy<br>Smooth anodized                                    |