

Stopper cylinder DFSP-20-20-PS-PA

Part number: 576080

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Stroke | 20 mm |
| Piston diameter | 20 mm |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Single-acting Pulling |
| Structural design | Piston Piston rod Profile barrel |
| Position sensing | For proximity sensor |
| Symbol | 00991850 |
| Protection against torsion/guide | Round piston rod |
| Operating pressure | 0.16 MPa ... 1 MPa |
| Operating pressure | 1.6 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 | 1370 N |
| Permissible lateral force during switching operation | 228 N |
| Max. cycle rate | 5 Hz |
| Type of mounting | With through-hole With internal thread With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Flange screws material | Steel, galvanized |
| Cover material | Wrought aluminum alloy Anodized |
| Seals material | TPE-U (PU) |
| Piston rod material | High-alloy stainless steel |
| Roller material | Steel, galvanized |
| Material of cylinder barrel | Wrought aluminum alloy Smooth anodized |