

Stopper cylinder DFSP-Q-40-20-DF-PA

Part number: 576138

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Stroke | 20 mm |
| Piston diameter | 40 mm |
| Piston rod thread | M8 |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod Profile barrel Anti-twist feature |
| Position sensing | For proximity sensor |
| Piston rod end | Internal thread |
| Symbol | 00991217 |
| Variants | Internal thread on piston rod Piston rod secured against twisting |
| Protection against torsion/guide | Flattened 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 | 5540 N |
| Permissible lateral force during switching operation | 1108 N |
| Max. cycle rate | 5 Hz |
| Type of mounting | With through-hole With internal thread With accessories |
| Pneumatic connection | G1/8 |
| 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 |

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