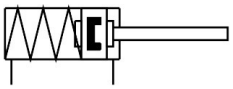
# Stopper cylinder
# DFSP-16-10-S-PA

Part number: 576056





General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Stroke | 10 mm |
| Piston diameter | 16 mm |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting<br>Pulling |
| Design | Piston<br>Piston rod<br>Profile barrel |
| Position detection | Via proximity switch |
| Symbol | 00995272 |
| Protection against torque/guide | Round piston rod |
| Operating pressure | 0.28 MPa ... 1 MPa |
| Operating pressure | 2.8 bar ... 10 bar |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom class | Class 5 according to ISO 14644-1 |
| Ambient temperature | -10 °C ... 80 °C |
| Impact force | 880 N |
| Permissible lateral force during switching operation | 147 N |
| Max. cycle frequency | 5 Hz |
| Type of mounting | Either:<br>With through-hole<br>Via female thread<br>With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material collar screws | High-alloy stainless steel |
| Material cover | Wrought aluminium alloy<br>Anodised |
| Material seals | TPE-U(PU) |
| Material piston rod | High-alloy stainless steel |
| Material roll | Galvanised steel |
| Material cylinder barrel | Wrought aluminium alloy<br>Smooth anodised |