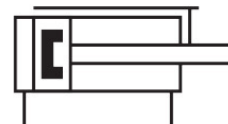


# Mini slide DGSC-6-10-P-L

Part number: 569793

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Piston diameter  | 6 mm   |
| Operating mode, drive unit                                   | Yoke   |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Guide  | Ball bearing cage guide  |
| Design   | Scotch yoke system   |
| Position detection   | Without  |
| Operating pressure   | 0.1 MPa...0.6 MPa<br>1 bar...6 bar<br>14.5 psi...87 psi                                    |
| Repetition accuracy  | 0.2 mm   |
| Mode of operation  | Double-acting  |
| 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-B2-L   |
| Ambient temperature  | 10 °C...50 °C  |
| Max. force F <sub>y</sub>                                    | 20 N   |
| Max. force F <sub>z</sub>                                    | 20 N   |
| Max. moment M <sub>x</sub>                                   | 0.3 Nm   |
| Max. moment M <sub>y</sub>                                   | 0.4 Nm   |
| Max. moment M <sub>z</sub>                                   | 0.4 Nm   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 12.7 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 17 N   |
| Moving mass  | 17 g   |
| Product weight   | 42 g   |
| Type of mounting   | Via female thread and dowel pin  |
| Pneumatic connection   | M3   |
| Note on materials  | RoHS-compliant   |
| Material cover   | POM  |

| Feature             | Value                      |
|---------------------|----------------------------|
| Material seals      | NBR                        |
| Material guide      | High-alloy steel           |
| Material housing    | High-alloy stainless steel |
| Material piston rod | High-alloy stainless steel |