

Mini slide SLF-16-10-P-A

Part number: 170511

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke | 10 mm |
| Adjustable end position range/length | 5 mm |
| Piston diameter | 16 mm |
| Drive unit operating mode | Yoke |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Guide | Ball bearing cage guide |
| Structural design | Yoke Piston Piston rod Ball roller guide Slide |
| Position sensing | For proximity sensor |
| Symbol | 00991737 |
| Operating pressure | 0.1 MPa ... 1 MPa |
| Operating pressure | 1 bar ... 10 bar |
| Operating pressure | 14.5 psi ... 145 psi |
| Mode of operation | Double-acting |
| 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) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -20 °C ... 60 °C |
| Impact energy in the end positions | 0.1 J |
| Max. force F _y | 470 N |
| Max. force F _z | 470 N |
| Max. torque M _x | 2.1 Nm |
| Max. torque M _y | 2.1 Nm |
| Max. torque M _z | 1.6 Nm |
| Theoretical force at 6 bar, retracting | 104 N |
| Theoretical force at 6 bar, advancing | 121 N |
| Moving mass | 99 g |
| Product weight | 257 g |
| Basic weight with 0 mm stroke | 257 g |
| Alternative connections | See product drawing |
| Type of mounting | With through-hole |
| Pneumatic connection | M5 |

| Feature | Value |
|---------------------|----------------------------|
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy |
| Seals material | HNBR |
| Housing material | Wrought aluminum alloy |
| Piston rod material | High-alloy stainless steel |