

Mini slide SLS- 6-20-P-A

Part number: 170488

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 20 mm |
| Piston diameter | 6 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 |
| Operating pressure | 0.15 MPa...1 MPa 1.5 bar...10 bar 21.75 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 | 0.008 Nm |
| Max. force Fy | 160 N |
| Max. force Fz | 160 N |
| Max. torque Mx | 0.9 Nm |
| Max. torque My | 0.9 Nm |
| Max. torque Mz | 0.6 Nm |
| Theoretical force at 6 bar, retracting | 13 N |
| Theoretical force at 6 bar, advancing | 17 N |
| Moving mass | 33 g |
| Product weight | 120 g |
| Alternative connections | See product drawing |
| Type of mounting | With through-hole |

| Feature | Value |
|----------------------|----------------------------------|
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy, anodized |
| Guide material | Steel |
| Housing material | High-alloy stainless steel |