

Mini slide SLF-6-20-P-A

Part number: 170504

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 20 mm |
| Adjustable end position range/length | 5 mm |
| Piston diameter | 6 mm |
| Type code | SLF |
| Drive unit operating mode | Yoke |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Guide | Ball bearing cage guide |
| Design | Yoke Piston Piston rod Ball roller guide Slide |
| Position sensing | For proximity sensor |
| Symbol | 00991737 |
| Operating pressure | 1.5 bar ... 10 bar |
| 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 |
| Ambient temperature | -20 °C ... 60 °C |
| Impact energy in the end positions | 0.016 J |
| Max. force F _y | 150 N |
| Max. force F _z | 150 N |
| Max. torque M _x | 1.1 Nm |
| Max. torque M _y | 1.1 Nm |
| Max. torque M _z | 0.7 Nm |
| Theoretical force at 6 bar, retracting | 13 N |
| Theoretical force at 6 bar, advancing | 17 N |
| Moving mass | 37 g |
| Basic weight with 0 mm stroke | 124 g |
| Product weight | 84 g |
| Alternative connections | See product drawing |
| Type of mounting | With through-hole |
| Pneumatic connection | M5 |
| Note on materials | Free of copper and PTFE |
| Cover material | Wrought aluminum alloy |

| Feature | Value |
|---------------------|----------------------------|
| Seals material | HNBR |
| Housing material | Wrought aluminum alloy |
| Piston rod material | High-alloy stainless steel |