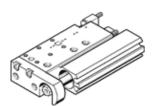
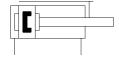
mini slide SLF-6-20-P-A Part number: 170504

FESTO

Flat design with precision ball-bearing guide and adjustable end stops.





Data sheet

| Feature | Value |
|--|--|
| Stroke | 20 mm |
| Adjustable end-position range/length | 5 mm |
| Piston diameter | 6 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Guide | Ball bearing cage guide |
| Design structure | Yoke |
| | Piston |
| | Piston rod |
| | Ball cage guide |
| | Slide |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.15 1 MPa |
| Operating pressure | 1.5 10 bar |
| | 21.75 145 psi |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further |
| | operation) |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Ambient temperature | -20 60 °C |
| Impact energy in end positions | 0.016 Nm |
| Max. force Fy | 150 N |
| Max. force Fz | 150 N |
| Max. torque Mx | 1.1 Nm |
| Max. torque My | 1.1 Nm |
| Max. torque Mz | 0.7 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 13 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 17 N |
| Moving mass | 37 g |
| Product weight | 124 g |
| Basic weight for 0 mm stroke | 124 g |
| alternative connections | See product drawing |
| Mounting type | with through hole |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material seals | HNBR |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |