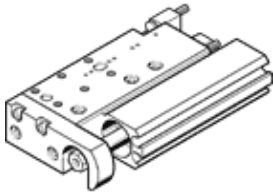


mini slide SLF-6-30-P-A

Part number: 170505

FESTO

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



Data sheet

| Feature | Value |
|--|---|
| Stroke | 30 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 | 1.5 ... 10 bar |
| 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 |
| Ambient temperature | -20 ... 60 °C |
| Impact energy in end positions | 0.016 Nm |
| Max. force F _y | 130 N |
| Max. force F _z | 130 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, return stroke | 13 N |
| Theoretical force at 6 bar, advance stroke | 17 N |
| Moving mass | 48 g |
| Basic weight for 0 mm stroke | 138 g |
| Product weight | 100 g |
| alternative connections | See product drawing |
| Mounting type | with through hole |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |
| Material cover | Wrought Aluminium alloy |
| Material seals | HNBR |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |