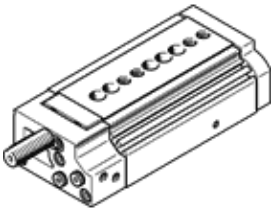
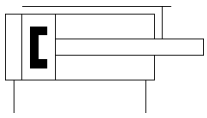
# Mini slide
# DGSL-12-40-EA

Part number: 570182

FESTO





## Data sheet

| Feature | Value |
|---|---|
| Stroke | 40 mm |
| Adjustable end position range/front length | 9 mm |
| Adjustable end position range/rear length | 5.5 mm |
| Piston diameter | 16 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | Short elastic cushioning rings/pads at both ends |
| Assembly position | Any |
| Guide | Ball bearing cage guide |
| Design structure | Yoke kinematics |
| Position detection | For proximity sensor |
| Working pressure | 1 ... 8 bar |
| Max. speed | 0.8 m/s |
| Repetition accuracy | 0,3 mm |
| 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 | 0 ... 60 °C |
| Impact energy in end positions | 0.25 Nm |
| Cushioning length | 1 mm |
| Max. force Fy | 1,142 N |
| Max. force Fz | 1,142 N |
| Max. torque Mx | 18 Nm |
| Max. torque My | 11 Nm |
| Max. torque Mz | 11 Nm |
| Theoretical force at 6 bar, return stroke | 104 N |
| Theoretical force at 6 bar, advance stroke | 121 N |
| Moving mass | 320 g |
| Product weight | 786 g |
| alternative connections | See product drawing |
| Mounting type | with through hole |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE<br>Conforms to RoHS |
| Material cover | Wrought Aluminum alloy |
| Material seals | HNBR |
| Material housing | Wrought Aluminum alloy |
| Material piston rod | High alloy steel, non-corrosive |