

Mini slide DGSL-12- -

Part number: 543906

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 mm...150 mm |
| Piston diameter | 16 mm |
| Operating mode, drive unit | Yoke |
| Cushioning | Short elastic cushioning rings/pads at both ends No cushioning Elastic cushioning rings/plates at both ends Elastic cushioning rings/pads at both ends with fixed stop Self-adjusting, progressive shock absorber at both ends, with reducing sleeve Progressive shock absorber at both ends |
| Mounting position | optional |
| Guide | Ball bearing cage guide |
| Design | Yoke Piston Piston rod Slide |
| Position detection | Via proximity switch |
| Operating pressure | 0.1 MPa...0.8 MPa 1 bar...8 bar |
| Max. speed | 0.8 m/s |
| Mode of operation | Double-acting |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1 |
| Ambient temperature | 0 °C...60 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 104 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 121 N |
| alternative connections | See product drawing |
| Type of mounting | With through-hole |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |

| Feature | Value |
|---------------------|----------------------------|
| Material cover | Wrought aluminium alloy |
| Material seals | HNBR |
| Material housing | Wrought aluminium alloy |
| Material piston rod | High-alloy stainless steel |