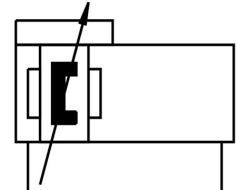



Linear actuator DLGF-G-25-300-PPSA

Part number: 5072354

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Stroke | 300 mm |
| Piston diameter | 25 mm |
| Cushioning | Self-adjusting pneumatic end-position cushioning |
| Mounting position | Any |
| Guide | Basic guide |
| Driver principle | Positive locking (slot) |
| Position sensing | For proximity sensor |
| Symbol | 00995280 |
| Operating pressure | 0.15 MPa ... 0.8 MPa |
| Operating pressure | 1.5 bar ... 8 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | 0 °C ... 60 °C |
| Cushioning length | 9 mm |
| Max. force F _y | 0 N |
| Max. force F _z (towards actuator) | 164 N |
| Max. force +F _z (away from actuator) | 95 N |
| Max. torque M _x | 1.1 Nm |
| Max. torque M _y | 4.5 Nm |
| Max. torque M _z | 1.4 Nm |
| Theoretical force at 6 bar, retracting | 295 N |
| Theoretical force at 6 bar, advancing | 295 N |
| Moving mass | 110 g |
| Product weight | 2013 g |
| Alternative connections | See product drawing |
| Type of mounting | Direct mounting via through-hole With accessories |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant Copper-free |
| Cover material | Die-cast aluminum, coated |

| Feature | Value |
|------------------|--------------------|
| Seals material | NBR TPE-U(PU) |
| Housing material | Aluminum, anodized |