


Linear actuator DLGF-KF-32-600-PPSA

Part number: 5074810

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Stroke | 600 mm |
| Piston diameter | 32 mm |
| Cushioning | Self-adjusting pneumatic end-position cushioning |
| Mounting position | Any |
| Guide | Recirculating ball bearing guide |
| Driver principle | Positive locking (slot) |
| Position sensing | For proximity sensor |
| Symbol | 00991254 |
| 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 | 11.6 mm |
| Max. force F _y | 1300 N |
| Max. force F _z (towards actuator) | 1600 N |
| Max. force +F _z (away from actuator) | 950 N |
| Max. torque M _x | 30 Nm |
| Max. torque M _y | 50 Nm |
| Max. torque M _z | 50 Nm |
| Theoretical force at 6 bar, retracting | 483 N |
| Theoretical force at 6 bar, advancing | 483 N |
| Moving mass | 1290 g |
| Product weight | 6986 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 |