

Linear actuator DLGF-KF-20-300-PPSA

Part number: 5074942

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 300 mm |
| Piston diameter | 20 mm |
| Cushioning | PPS: Self-adjusting pneumatic end-position cushioning |
| Assembly position | Any |
| Guide | Recirculating ball bearing guide |
| Driver principle | positive-locking (slot) |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.2 ... 0.8 MPa |
| Working pressure | 2 ... 8 bar |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:-:-] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | 0 ... 60 °C |
| Cushioning length | 9.6 mm |
| Max. force F _y | 600 N |
| Max. force F _z (towards drive) | 700 N |
| Max. force +F _z (away from drive) | 400 N |
| Max. torque M _x | 5.4 Nm |
| Max. torque M _y | 15 Nm |
| Max. torque M _z | 15 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 188 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 188 N |
| Moving mass | 470 g |
| Product weight | 2,079 g |
| alternative connections | See product drawing |
| Mounting type | Direct mounting via through-holes with accessories |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS Free of copper |
| Material cover | Coated die-cast aluminium |
| Material seals | NBR TPE-U(PU) |
| Material housing | Anodised aluminium |