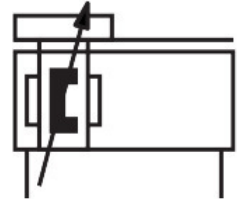


Linear actuator DGPL-80- -PPV-A-KF-B

Part number: 161797

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm...3000 mm |
| Piston diameter | 80 mm |
| Cushioning | Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, hard characteristic curve |
| Mounting position | Any |
| Guide | Recirculating ball bearing guide |
| Driver principle | Positive locking (slot) |
| Position sensing | For proximity sensor |
| Operating pressure | 0.15 MPa...0.8 MPa 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) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 °C...60 °C |
| Cushioning length | 83 mm |
| Theoretical force at 6 bar, retracting | 3016 N |
| Theoretical force at 6 bar, advancing | 3016 N |
| Moving mass | 12500 g |
| Moving mass at 0 mm stroke | 12500 g |
| Additional moving mass per 10 mm stroke | 270 g |
| Basic weight with 0 mm stroke | 28700 g |
| Alternative connections | See product drawing |
| Pneumatic connection | G1/2 |
| Cover material | Cast aluminum Coated |
| Seals material | NBR TPE-U(PU) |
| Housing material | Aluminum Anodized |