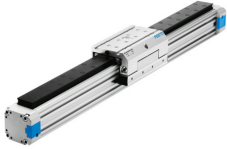


Linear actuator DGPL-18- -

Part number: 175133

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 mm...1800 mm |
| Piston diameter | 18 mm |
| Cushioning | Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, hard characteristic curve |
| Mounting position | Any |
| Guide | Sliding guide Basic guide Recirculating ball bearing guide Heavy-duty guide |
| Driver principle | Positive locking (slot) |
| Position sensing | For proximity sensor |
| Variants | Supply port at both ends Protected version Standard slide Extended slide Rear clamping unit Clamping unit, underneath Front clamping unit |
| Operating pressure | 0.2 MPa...0.8 MPa 2 bar...8 bar |
| Mode of operation | Double-acting |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) |
| UKCA marking (see declaration of conformity) | acc. to UK EX instructions |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) |
| ATEX category gas | II 2G |
| Type of ignition protection for gas | Ex h IIC T4 Gb X |
| Explosive ambient temperature | -10°C ≤ Ta ≤ +60°C |
| 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 1 - Low corrosion stress 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 °C...60 °C |

| Feature | Value |
|--|-------------------------|
| Cushioning length | 16 mm |
| Theoretical force at 6 bar, retracting | 153 N |
| Theoretical force at 6 bar, advancing | 153 N |
| Alternative connections | See product drawing |
| Pneumatic connection | M5 |
| Cover material | Cast aluminum Coated |
| Seals material | NBR TPE-U(PU) |
| Housing material | Aluminum Anodized |