

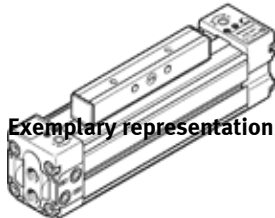
Linear actuator DGC-K-50- -

Part number: 1312504

★ Core product range

Other stroke lengths upon request. Refer to the catalog pages (PDF) for the characteristic load values.

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|---|
| Stroke | 1 ... 6,000 mm |
| Piston diameter | 50 mm |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Position detection | For proximity sensor |
| Variants | Supply port on both sides Standard piston Extended piston |
| Operating pressure MPa | 0.15 ... 0.8 MPa |
| Working pressure | 1.5 ... 8 bar |
| Mode of operation | double-acting |
| CE symbol (see declaration of conformity) | according to EU-Ex protection guideline (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 3D |
| Explosion ignition protection type Gas | Ex h IIC T4 Gb X |
| Explosion ignition protection type Dust | Ex h IIIC T120°C Dc X |
| Explosion-proof ambient temperature | -10°C ≤ Ta ≤ +60°C |
| 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 |
| Food-safe | See Supplementary material information |
| Ambient temperature | -10 ... 60 °C |
| Cushioning length | 30 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 1,178 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 1,178 N |
| alternative connections | See product drawing |
| Mounting type | with accessories |
| Materials note | Conforms to RoHS |
| Material cover | Aluminum die cast |
| Material seals | NBR TPE-U(PU) |