

Linear drive DDLI-40- -

Part number: 1463452

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|---|
| Stroke | 100 mm ... 2000 mm |
| Piston diameter | 40 mm |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | Any |
| Position detection | Via integrated displacement encoder |
| Operating pressure | 0.2 MPa ... 0.8 MPa |
| Operating pressure | 2 bar ... 8 bar |
| Operating pressure | 29 psi ... 116 psi |
| Mode of operation | Double-acting |
| Approval | RCM |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| Operating medium | Compressed air to ISO 8573-1:2010 [6:4:4] |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -10 °C ... 60 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 754 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 754 N |
| Type of mounting | With accessories |
| Pneumatic connection | G1/4 |
| Material cover | Wrought aluminium alloy |
| Material seals | NBR TPE-U(PU) |