

Linear drive DLGF-...-25- -PPSA

Part number: 8063800

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Stroke | 50 mm ... 1000 mm |
| Piston diameter | 25 mm |
| Cushioning | Self-adjusting pneumatic end-position cushioning |
| Mounting position | optional |
| Guide | Basic guide Recirculating ball bearing guide |
| Coupling design | Positive-locking (slot) |
| Position detection | Via proximity switch |
| Variants | With mounting holes Without mounting holes |
| Operating pressure | 0.15 MPa ... 0.8 MPa |
| Operating pressure | 1.5 bar ... 8 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | 0 °C ... 60 °C |
| Cushioning length | 9 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 295 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 295 N |
| alternative connections | See product drawing |
| Type of mounting | Direct mounting via through-hole With accessories |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant Free of copper |
| Material cover | Cast aluminium, coated |
| Material seals | NBR TPE-U(PU) |
| Material housing | Anodised aluminium |