

linear drive

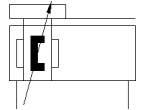
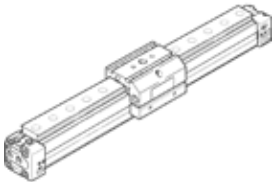
DGPL-25-250-PPV-A-B-KF

Part number: 526649
Classic

FESTO

For proximity sensing, rodless, with positive-locking connection between piston and driver and adjustable end-position cushioning at both ends.

Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 250 mm |
| Piston diameter | 25 mm |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends YXR: Shock absorber, hard characteristic curve |
| Assembly position | Any |
| Guide | Recirculating ball bearing guide |
| Driver principle | positive-locking (slot) |
| Position detection | For proximity sensor |
| Operating pressure | 2 ... 8 bar |
| Mode of operation | double-acting |
| 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 | 0 - No corrosion stress |
| Ambient temperature | -10 ... 60 °C |
| Cushioning length | 18 mm |
| Theoretical force at 6 bar, return stroke | 295 N |
| Theoretical force at 6 bar, advance stroke | 295 N |
| Moving mass | 600 g |
| Moving mass with 0 mm stroke | 600 g |
| Basic weight for 0 mm stroke | 1,520 g |
| Additional mass factor per 10 mm of stroke | 53 g |
| alternative connections | See product drawing |
| Pneumatic connection | G1/8 |
| Material cover | Aluminium casting coated |
| Material seals | NBR TPE-U(PU) |
| Material housing | Aluminium Anodised |