

Linear actuator DGPL-18- -PPV-A-KF-B

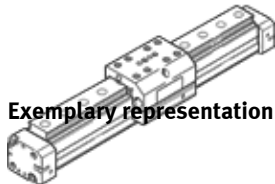
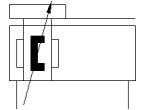
FESTO

Part number: 161977

Classic - do not use for new projects

For proximity sensing, rodless, with positive-locking connection between piston and actuator 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.



Exemplary representation

Data sheet

Feature	Value
Stroke	10 ... 1,800 mm
Piston diameter	18 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YSR: 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 MPa	0.2 ... 0.8 MPa
Working 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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 ... 60 °C
Cushioning length	16 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	153 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	153 N
Moving mass	360 g
Moving mass with 0 mm stroke	360 g
Additional mass factor per 10 mm of stroke	36 g
Basic weight for 0 mm stroke	830 g
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	Aluminum casting coated
Material seals	NBR TPE-U(PU)
Material housing	Aluminum Anodized