

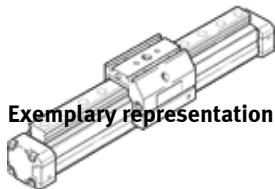
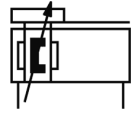
Linear actuator DGPL-80- -PPV-A-GF-B

FESTO

Part number: 161791
Product to be discontinued

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

Type to be discontinued. Available until 2014. See Support Portal for alternative products.



Exemplary representation

Data sheet

Feature	Value
Stroke	10 ... 3,000 mm
Piston diameter	80 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YSR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Plain-bearing guide
Driver principle	positive-locking (slot)
Position detection	For proximity sensor
Working pressure	1.5 ... 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	2
Ambient temperature	-10 ... 60 °C
Cushioning length	83 mm
Theoretical force at 6 bar, return stroke	3,016 N
Theoretical force at 6 bar, advance stroke	3,016 N
Moving mass with 0 mm stroke	7,100 g
Additional weight per 10 mm stroke	44 g
Basic weight for 0 mm stroke	8,100 g
alternative connections	See product drawing
Pneumatic connection	G1/2
Materials information for cover	Aluminum casting coated
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum Anodized