

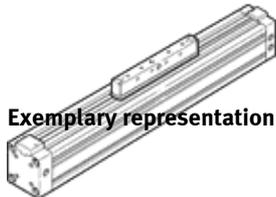
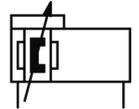
Linear drive DGP-25- -PPV-A-B

Part number: 161780

FESTO

For proximity sensing, with mechanical coupling between piston and driver and adjustable cushioning at both ends.

Type to be discontinued. Available until 2013.



Data sheet

Feature	Value
Stroke	10 ... 3,000 mm
Piston diameter	25 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Basic 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	2
Ambient temperature	-10 ... 60 °C
Cushioning length	18 mm
Transverse moment Mx (graph)	1 Nm
Theoretical force at 6 bar, return stroke	295 N
Theoretical force at 6 bar, advance stroke	295 N
Moving mass	180 g
Moving mass with 0 mm stroke	180 g
Basic weight for 0 mm stroke	840 g
Additional mass factor per 10 mm of stroke	36 g
alternative connections	See product drawing
Pneumatic connection	G1/8
Materials information for cover	Aluminium casting coated
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium Anodised