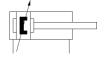
## Guide cylinder DFP-80-100-PPV-A Part number: 186758 Product to be discontinued

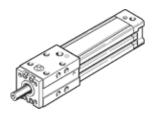
Protected against torsion, for proximity sensing.

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



**FESTO** 





## **Data sheet**

Feature	Value
Stroke	100 mm
Piston diameter	80 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor
Working pressure	0.5 10 bar
Max. speed	0.9 m/s
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
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	32 mm
Theoretical force at 6 bar, return stroke	2,262 N
Theoretical force at 6 bar, advance stroke	3,016 N
Moving mass	3,801 g
Product weight	8,856 g
Pneumatic connection	G3/8
Materials note	Free of copper and PTFE
Material cover	Wrought Aluminum alloy
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material piston rod	Heat-treatment steel