

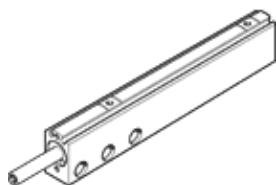
# Guide cylinder DFP-10-80-P-A

Part number: 186731  
Product to be discontinued

FESTO

Protected against torsion, for proximity sensing.

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



## Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	10 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor
Working pressure	1.5 ... 10 bar
Max. speed	0.8 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
Impact energy in end positions	0.05 Nm
Theoretical force at 6 bar, return stroke	31 N
Theoretical force at 6 bar, advance stroke	47 N
Moving mass	41 g
Product weight	173 g
Pneumatic connection	M3
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