

Guide cylinder

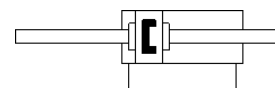
DFP-16-80-P-A-S2

Part number: 186771
Product to be discontinued

FESTO

Protected against torsion, for proximity sensing, with double-ended piston rod.

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



Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	16 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
Variants	Through piston rod
Working pressure	1 ... 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	0.07 Nm
Theoretical force at 6 bar, return stroke	91 N
Theoretical force at 6 bar, advance stroke	91 N
Moving mass	102 g
Product weight	290 g
Pneumatic connection	M5
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