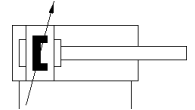


# guided drive DFP-50-80-PPV-A

Part number: 186749  
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	50 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
Operating pressure	0.5 ... 10 bar
Max. speed	1 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	22 mm
Theoretical force at 6 bar, return stroke	884 N
Theoretical force at 6 bar, advance stroke	1,178 N
Moving mass	1,179 g
Product weight	3,105 g
Pneumatic connection	G1/4
Materials note	Free of copper and PTFE
Material cover	Wrought Aluminium alloy
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material piston rod	Heat-treatment steel