

Compact cylinder DPCS-100-50-F-PA

Part number: 1499187
Product to be discontinued

FESTO

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	100 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Female thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Working pressure	0.6 ... 10 bar
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	2 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	1.2 J
Theoretical force at 6 bar, return stroke	4,288 N
Theoretical force at 6 bar, advance stroke	4,712 N
Moving mass	941 g
Product weight	3,135 g
Mounting type	Optional with through hole with thread
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy