

compact cylinder

DPCS-100-45-F-P

Part number: 1499013
Product to be discontinued

FESTO

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



Data sheet

Feature	Value
Stroke	45 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	No
Operating 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	608.5 g
Product weight	2,527 g
Mounting type	Optional with through hole with thread
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminium alloy
Materials information for dynamic seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy