

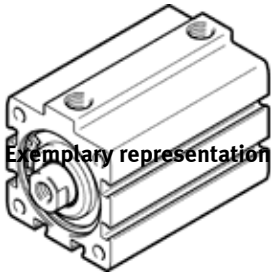
# Compact cylinder

## DPCS-100- -

Part number: 576891  
 Product to be discontinued



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



### Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 100 mm
Piston diameter	100 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting single-acting
Design structure	Piston Piston rod Cylinder barrel
Position detection	No 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
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 piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy