

Compact cylinder CDC-80- -

Part number: 543311

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 500 mm
Piston diameter	80 mm
Based on norm	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Variants	Extended external thread piston rod Special thread on piston rod Extended piston rod Through piston rod Heat-resistant seals max. 120°C Piston rod at one end
Operating pressure	0.06 MPa ... 1 MPa
Operating pressure	0.6 bar ... 10 bar
Mode of operation	Double-acting
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L VDMA24364 zone III
For use in the food industry	See supplementary material information
Ambient temperature	-20 °C ... 120 °C
Theoretical force at 6 bar, retracting	2827 N
Theoretical force at 6 bar, advancing	2827 N ... 3016 N
Type of mounting	With through-hole With internal thread
Pneumatic connection	G1/8
Cover material	Wrought aluminum alloy Anodized
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Wrought aluminum alloy Anodized