

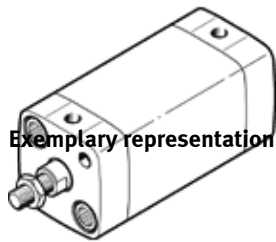
Compact cylinder

CDC-80- -

Part number: 543311

FESTO

Based on ISO 21287, Clean Design



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 500 mm
Piston diameter	80 mm
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Extended male piston rod thread Piston rod with special thread Extended piston rod Through piston rod Heat resistant seals, max. 120°C Single-ended piston rod
Operating pressure MPa	0.06 ... 1 MPa
Working pressure	0.6 ... 10 bar
Mode of operation	double-acting
CE symbol (see declaration of conformity)	according to EU-EMV guideline
UKCA marking (see declaration of conformity)	To UK instructions for EMC
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	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L VDMA24364 zone III
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 120 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	2,827 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	2,827 ... 3,016 N
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	G1/8
Material cover	Wrought Aluminum alloy Anodized
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy Anodized