

# Standard cylinder

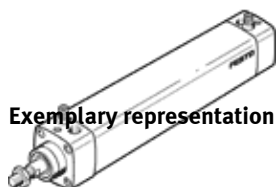
## CDN-80- -PPV

Part number: 193664

FESTO

In accordance with ISO 15552, with increased corrosion resistance and easy-to-clean design.

Depending on the configuration, the illustrations, the technical data on the data sheet and the relevant accessories might not exactly match this product.



Exemplary representation

## Data sheet

~ConfIndependentDatasheet

Feature	Value
Stroke	10 ... 2,000 mm
Piston diameter	80 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	For unlubricated operation Extended male piston rod thread Female thread on piston rod Extended piston rod Through piston rod Heat resistant seals, max. 120°C Single-ended piston rod
Operating pressure	0.6 ... 12 bar
Mode of operation	double-acting
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)
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	3
Ambient temperature	-20 ... 120 °C
Cushioning length	32 mm
Theoretical force at 6 bar, return stroke	2,721 N
Theoretical force at 6 bar, advance stroke	3,016 N
Mounting type	with internal (female) thread with accessories Optional
Pneumatic connection	G3/8
Materials information for cover	Wrought Aluminium alloy Anodised
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	Wrought Aluminium alloy Anodised