

# Round cylinder CRHD-80- -PPV-A-MQ

Part number: 195511

FESTO

Corrosion resistant round cylinder, bearing cap with external thread, smooth end cap with 4 threaded holes.



Exemplary representation



## Data sheet

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	80 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Design structure	Piston Piston rod
Position detection	For proximity sensor
Working pressure	1 ... 10 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)
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 80 °C
Cushioning length	31 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	2,721 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	3,016 N
Moving mass with 0 mm stroke	717 g
Additional mass factor per 10 mm of stroke	38 g
Basic weight for 0 mm stroke	5,072 g
Additional weight per 10 mm stroke	100 g
Pneumatic connection	G3/8
Material cover	High alloy steel, non-corrosive
Material seals	NBR TPE-U(PU)
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive