

# Round cylinder CRHD-50- -PPV-A-MQ

Part number: 195509

**FESTO**



## Data sheet

Feature	Value
Stroke	10 mm...500 mm
Piston diameter	50 mm
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Design	Piston Piston rod
Position detection	Via proximity switch
Operating pressure	1 bar...10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitable for use with food	See supplementary material information
Ambient temperature	-20 °C...80 °C
Cushioning length	21 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	990 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	1178 N
Moving mass for 0 mm stroke	340 g
Additional moving mass per 10 mm stroke	25 g
Basic weight for 0 mm stroke	1792 g
Additional weight per 10 mm stroke	57 g
Pneumatic connection	G1/4
Material cover	High-alloy stainless steel
Material seals	NBR TPE-U(PU)
Material housing	High-alloy stainless steel
Material piston rod	High-alloy stainless steel