

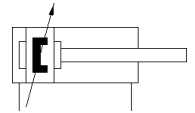
round cylinder CRHD-100- -PPV-A-MQ-S6

Part number: 195548

FESTO

Corrosion-resistant, bearing cap with male thread, smooth end cap with four tapped holes, heat-resistant design to 120 °C

The S6 variant (heat resistant) is not intended for direct contact with food products due to the utilised seals and grease.



Exemplary representation

Data sheet

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	100 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Heat resistant seals, max. 120°C
Operating 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 ... 120 °C
Cushioning length	31 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	4,418 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	4,712 N
Moving mass with 0 mm stroke	968 g
Additional mass factor per 10 mm of stroke	38 g
Basic weight for 0 mm stroke	8,357 g
Additional weight per 10 mm stroke	115 g
Pneumatic connection	G3/8
Material cover	High alloy steel, non-corrosive
Material seals	FPM
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive