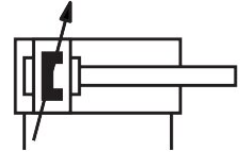


Round cylinder CRHD-80- -PPV-A-MC-S6

Part number: 195553

FESTO



[PDF](#) General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 500 mm
Piston diameter	80 mm
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Symbol	00991235
Variants	Heat-resistant seals max. 120°C
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
For use in the food industry	See supplementary material information
Ambient temperature	-20 °C ... 120 °C
Cushioning length	31 mm
Theoretical force at 6 bar, retracting	2721 N
Theoretical force at 6 bar, advancing	3016 N
Moving mass at 0 mm stroke	717 g
Additional moving mass per 10 mm stroke	38 g
Basic weight with 0 mm stroke	5072 g
Additional weight per 10 mm stroke	100 g
Pneumatic connection	G3/8
Cover material	High-alloy stainless steel
Seals material	FPM
Housing material	High-alloy stainless steel
Piston rod material	High-alloy stainless steel