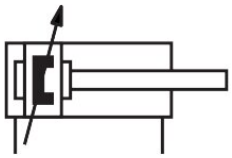
Round cylinder
CRHD-100- -PPV-A-MS-S6

Part number: 195560





Data sheet

Feature	Value
Stroke	10 mm...500 mm
Piston diameter	100 mm
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
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...120 °C
Cushioning length	31 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	4418 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	4712 N
Moving mass for 0 mm stroke	968 g
Additional moving mass per 10 mm stroke	38 g
Basic weight for 0 mm stroke	8357 g
Additional weight per 10 mm stroke	115 g
Pneumatic connection	G3/8
Material cover	High-alloy stainless steel
Material seals	Fluoro rubber
Material housing	High-alloy stainless steel
Material piston rod	High-alloy stainless steel