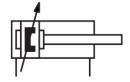
## ISO cylinder CRDNG-80- -PPV-A-S6 Part number: 185297

**FESTO** 





## **Data sheet**

Feature	Value
Stroke	10 mm2000 mm
Piston diameter	80 mm
Piston rod thread	M20x1.5
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design	Piston Piston rod Tie rod Cylinder barrel
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Operating pressure	0.06 MPa1 MPa 0.6 bar10 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	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitable for use with food	See supplementary material information
Ambient temperature	0 °C120 °C
Cushioning length	30 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	2721 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	3016 N
Moving mass for 0 mm stroke	1018 g
Additional moving mass per 10 mm stroke	39 g
Basic weight for 0 mm stroke	5545 g
Additional weight per 10 mm stroke	92 g
Type of mounting	Via female thread With accessories Either:

Feature	Value
Pneumatic connection	G3/8
Material cover	Stainless steel casting
Material seals	FPM
Material housing	High-alloy stainless steel
Material piston	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel
Material cylinder barrel	High-alloy stainless steel
Material nut	High-alloy stainless steel
Material bearing	Metal polymer compound
Material collar nut	High-alloy stainless steel
Material tie rod	High-alloy stainless steel