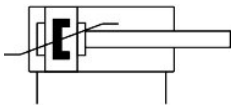
Round cylinder
CRDSNU-B-32-100-PPS-A-MG-A1

Part number: 2176404





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	32 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 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)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
For use in the food industry	See supplementary material information
Ambient temperature	0 °C...80 °C
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	483 N
Moving mass at 0 mm stroke	118 g
Additional moving mass per 10 mm stroke	8.9 g
Basic weight with 0 mm stroke	670 g
Additional weight per 10 mm stroke	15.3 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Cover material	high-alloy stainless steel
Piston rod material	high-alloy stainless steel
Material of cylinder barrel	high-alloy stainless steel