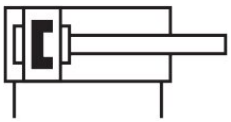
Round cylinder
CRDSNU-32-100-P-A

Part number: 8152642





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Piston rod end	External thread
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)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
For use in the food industry	See declaration of conformity
Ambient temperature	-20 °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	9 g
Basic weight with 0 mm stroke	670 g
Additional weight per 10 mm stroke	15 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