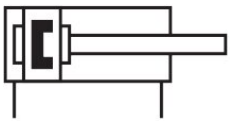
Round cylinder
CRDSNU-32-100-P-A

Part number: 8152642





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Piston-rod end	Male thread
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 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
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Suitable for use with food	See declaration of conformity
Ambient temperature	-20 °C...80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Moving mass for 0 mm stroke	118 g
Additional moving mass per 10 mm stroke	9 g
Basic weight for 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
Material cover	High-alloy stainless steel
Material piston rod	High-alloy stainless steel

Feature	Value
Material cylinder barrel	High-alloy stainless steel