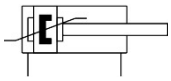
ISO cylinder
CRDSNU-B-25-100-PPS-A-MG-A1

Part number: 2159641





General operating condition

Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	25 mm
Based on norm	ISO 6432
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00992970
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	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	247 N
Theoretical force at 6 bar, advancing	295 N
Moving mass at 0 mm stroke	73 g
Additional moving mass per 10 mm stroke	6.2 g
Basic weight with 0 mm stroke	410 g
Additional weight per 10 mm stroke	11 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

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