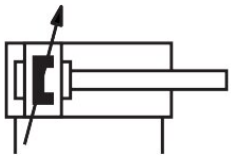
Round cylinder
DSNU-32-100-PPV-A

Part number: 196024





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	-20 °C...80 °C
Impact energy in end positions	0.4 J
Cushioning length	14 mm
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	482.5 N
Moving mass	211 g
Product weight	524 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High-alloy steel
Material cylinder barrel	High-alloy stainless steel