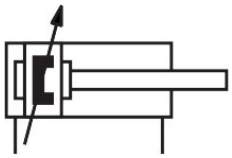
Round cylinder
DSNU-50-100-PPV-A

Part number: 196044





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	50 mm
Piston rod thread	M16x1.5
Cushioning	Pneumatic cushioning, adjustable at both ends
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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	1 J
Cushioning length	20 mm
Theoretical force at 6 bar, retracting	989.6 N
Theoretical force at 6 bar, advancing	1178.1 N
Moving mass	663 g
Product weight	1487 g
Type of mounting	With accessories
Pneumatic connection	G1/4
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	high-alloy stainless steel