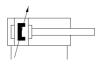
Round cylinder DSNU-32-50-PPV-A Part number: 196022

For position sensing, with adjustable end-position cushioning. Various mounting options, with or without additional mounting components.



Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	32 mm
Piston rod thread	M10x1,25
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	For proximity sensor
Operating pressure MPa	0.1 1 MPa
Working pressure	1 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Cleanroom class	ISO class 6
Ambient temperature	-20 80 °C
Cushioning length	14 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	482.5 N
Moving mass	166 g
Product weight	448 g
Mounting type	with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	NBR
	TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	High alloy steel, non-corrosive



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