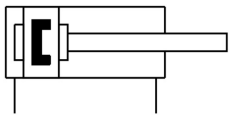
Round cylinder
DSNU-50-80-P-A

Part number: 196003





Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	50 mm
Piston rod thread	M16x1.5
Type code	DSNU
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991217
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)	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Theoretical force at 6 bar, retracting	989.6 N
Theoretical force at 6 bar, advancing	1178.1 N
Moving mass	613 g
Product weight	1407 g
Type of mounting	With accessories
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	TPE-U(PU) NBR
Piston rod material	High-alloy steel
Material of cylinder barrel	High-alloy stainless steel