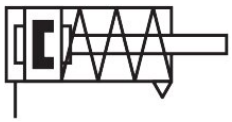
Round cylinder
ESNU-40-50-P-A

Part number: 196381





Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	40 mm
Piston rod thread	M12x1.25
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	Via proximity switch
Operating pressure	0.12 MPa...1 MPa 1.2 bar...10 bar
Mode of operation	Pushing Single-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	0.7 J
Spring resetting force with piston rod in retracted position	30 N
Theoretical force at 6 bar, retracting	30 N
Theoretical force at 6 bar, advancing	687.6 N
Moving mass	310 g
Moving mass at 0 mm stroke	230 g
Additional moving mass per 10 mm stroke	16 g
Product weight	781 g
Basic weight with 0 mm stroke	661 g
Additional weight per 10 mm stroke	24 g
Type of mounting	With accessories
Pneumatic connection	G1/4
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy
Seals material	NBR

Feature	Value
	TPE-U(PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	high-alloy stainless steel