

Round cylinder ESNU-40-50-P-A

Part number: 196381

FESTO



 General operating condition

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
Symbol	00991729
Operating pressure	0.12 MPa ... 1 MPa
Operating pressure	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 TPE-U(PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	high-alloy stainless steel