

# Round cylinder ESNU-50-50-P-A

Part number: 196384

FESTO



## Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	50 mm
Piston rod thread	M16x1.5
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Operating pressure	0.12 MPa...1 MPa 1.2 bar...10 bar
Mode of operation	Single-acting Pushing
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Spring return force with retracted piston rod	60 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	60 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	1072.8 N
Moving mass	538 g
Moving mass for 0 mm stroke	413 g
Additional moving mass per 10 mm stroke	25 g
Product weight	1287 g
Basic weight for 0 mm stroke	1087 g
Additional weight per 10 mm stroke	40 g
Type of mounting	With accessories
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy

<b>Feature</b>	<b>Value</b>
Material seals	NBR TPE-U(PU)
Material piston rod	High-alloy steel
Material cylinder barrel	High-alloy stainless steel