

Round cylinder ESNU-63-50-P-A

Part number: 196387

FESTO



Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	63 mm
Piston rod thread	M16x1.5
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
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
Spring resetting force with piston rod in retracted position	60 N
Theoretical force at 6 bar, retracting	60 N
Theoretical force at 6 bar, advancing	1765 N
Moving mass	584 g
Moving mass at 0 mm stroke	459 g
Additional moving mass per 10 mm stroke	25 g
Product weight	1665 g
Basic weight with 0 mm stroke	1445 g
Additional weight per 10 mm stroke	44 g
Type of mounting	With accessories
Pneumatic connection	G3/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)

Feature	Value
Piston rod material	High-alloy steel
Material of cylinder barrel	High-alloy stainless steel