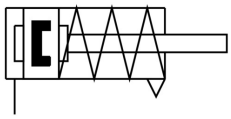
Round cylinder
ESNU-50-50-P-A

Part number: 196384

FESTO



Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	50 mm
Piston rod thread	M16x1.5
Type code	ESNU
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Design	Piston rod Piston Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991729
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
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	1072.8 N
Moving mass	538 g
Moving mass at 0 mm stroke	413 g
Additional weight per 10 mm stroke	40 g
Basic weight with 0 mm stroke	1087 g
Product weight	1287 g
Additional moving mass per 10 mm stroke	25 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