

round cylinder ESNU-50-25-P

Part number: 195877

FESTO

As per DIN ISO 6432, with elastic cushioning rings in end positions.
Various mounting options, with or without additional mounting components.



Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	50 mm
Piston rod thread	M16x1,5
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Operating pressure MPa	0.12 ... 1 MPa
Operating pressure	1.2 ... 10 bar
Mode of operation	single-acting pushing action
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Spring return force, retracted	82 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	82 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,071 N
Moving mass	476 g
Moving mass with 0 mm stroke	413 g
Additional weight per 10 mm stroke	40 g
Basic weight for 0 mm stroke	1,087 g
Product weight	1,187 g
Additional mass factor per 10 mm of stroke	25 g
Mounting type	with accessories
Pneumatic connection	G1/4
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	High alloy steel, non-corrosive