

round cylinder ESNU-63-50-P

Part number: 195881

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 | 50 mm |
| Piston diameter | 63 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 | 60 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 60 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 1,763 N |
| Moving mass | 584 g |
| Moving mass with 0 mm stroke | 459 g |
| Additional weight per 10 mm stroke | 44 g |
| Basic weight for 0 mm stroke | 1,445 g |
| Product weight | 1,665 g |
| Additional mass factor per 10 mm of stroke | 25 g |
| Mounting type | with accessories |
| Pneumatic connection | G3/8 |
| 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 |