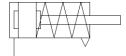
Round cylinder ESNU-50-50-P Part number: 195878

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 | 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 |
| Working 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 | 1,071 N |
| Moving mass | 538 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 | 1,287 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 Aluminum alloy |
| Material seals | NBR |
| | TPE-U(PU) |
| Material piston rod | High alloy steel |
| Material cylinder barrel | High alloy steel, non-corrosive |