

Round cylinder ESNU-32-25-P

Part number: 195871

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 | 32 mm |
| Piston rod thread | M10x1,25 |
| 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 | 30 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 30 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 442.2 N |
| Moving mass | 144 g |
| Moving mass with 0 mm stroke | 121 g |
| Additional weight per 10 mm stroke | 15.5 g |
| Basic weight for 0 mm stroke | 370.5 g |
| Product weight | 402 g |
| Additional mass factor per 10 mm of stroke | 9 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/8 |
| 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 |