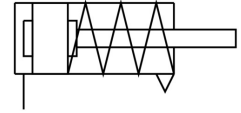


# Round cylinder ESNU-40-25-P

Part number: 195874

FESTO



## Data sheet

| Feature                                                      | Value                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------------|
| Stroke                                                       | 25 mm                                                              |
| Piston diameter                                              | 40 mm                                                              |
| Piston rod thread                                            | M12x1.25                                                           |
| Type code                                                    | ESNU                                                               |
| Cushioning                                                   | Elastic cushioning rings/pads at both ends                         |
| Mounting position                                            | Any                                                                |
| Structural design                                            | Piston<br>Piston rod<br>Cylinder barrel                            |
| Symbol                                                       | 00991730                                                           |
| Operating pressure                                           | 0.12 MPa ... 1 MPa                                                 |
| Operating pressure                                           | 1.2 bar ... 10 bar                                                 |
| Mode of operation                                            | Single-acting<br>Pushing                                           |
| 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 | 50 N                                                               |
| Theoretical force at 6 bar, retracting                       | 50 N                                                               |
| Theoretical force at 6 bar, advancing                        | 687.6 N                                                            |
| Moving mass                                                  | 270 g                                                              |
| Moving mass at 0 mm stroke                                   | 230 g                                                              |
| Additional weight per 10 mm stroke                           | 24 g                                                               |
| Basic weight with 0 mm stroke                                | 661 g                                                              |
| Product weight                                               | 721 g                                                              |
| Additional moving mass per 10 mm stroke                      | 16 g                                                               |
| Type of mounting                                             | With accessories                                                   |
| Pneumatic connection                                         | G1/4                                                               |
| Note on materials                                            | RoHS-compliant                                                     |
| Cover material                                               | Wrought aluminum alloy                                             |
| Seals material                                               | NBR<br>TPE-U(PU)                                                   |
| Piston rod material                                          | High-alloy steel                                                   |
| Material of cylinder barrel                                  | High-alloy stainless steel                                         |