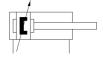
## Round cylinder DSNU-40-160-PPV-A Part number: 196036

**FESTO** 

For position sensing, with adjustable end-position cushioning. Various mounting options, with or without additional mounting components.





## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 160 mm   |
| Piston diameter  | 40 mm  |
| Piston rod thread  | M12x1,25   |
| Cushioning   | PPV: Pneumatic cushioning adjustable at both ends                |
| Assembly position  | Any  |
| Design structure   | Piston   |
|  | Piston rod   |
|  | Cylinder barrel  |
| Position detection                                       | For proximity sensor   |
| Operating pressure MPa                                   | 0.1 1 MPa  |
| Working pressure   | 1 10 bar   |
| Mode of operation  | double-acting  |
| 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                                    |
| PWIS conformity  | VDMA24364-B1/B2-L  |
| Ambient temperature                                      | -20 80 °C  |
| Cushioning length  | 18 mm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 633.3 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 752.9 N  |
| Moving mass  | 486 g  |
| Product weight   | 1,045 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                                  |