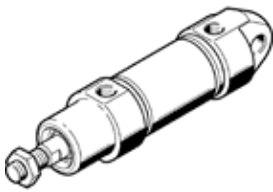


# round cylinder CRDSNU-B-32-100-PPS-A-MG-A1

Part number: 2176404

FESTO



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 100 mm  |
| Piston diameter                            | 32 mm   |
| Based on the standard                      | ISO 15552   |
| Cushioning                                 | PPS: Self-adjusting pneumatic end-position cushioning                       |
| Assembly position                          | Any   |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                         | For proximity sensor  |
| Operating 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    | 4 - Very high corrosion stress  |
| Food-safe                                  | See Supplementary material information                                      |
| Ambient temperature                        | 0 ... 80 °C   |
| Theoretical force at 6 bar, return stroke  | 415 N   |
| Theoretical force at 6 bar, advance stroke | 483 N   |
| Moving mass with 0 mm stroke               | 118 g   |
| Additional weight per 10 mm stroke         | 15.3 g  |
| Basic weight for 0 mm stroke               | 670 g   |
| Additional mass factor per 10 mm of stroke | 8.9 g   |
| Mounting type                              | with accessories  |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Conforms to RoHS  |
| Material cover                             | High alloy steel, non-corrosive   |
| Material piston rod                        | High alloy steel, non-corrosive   |
| Material cylinder barrel                   | High alloy steel, non-corrosive   |