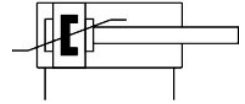


# Round cylinder CRDSNU-B-40-100-PPS-A-MG-A1

Part number: 8073984

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 100 mm                                                             |
| Piston diameter                          | 40 mm                                                              |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                   |
| Mounting position                        | Any                                                                |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                         | Via proximity switch                                               |
| Operating pressure                       | 0.1 MPa...1 MPa<br>1 bar...10 bar                                  |
| Mode of operation                        | Double-acting                                                      |
| 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)         | 4 - Particularly high corrosion stress                             |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                     |
| For use in the food industry             | See supplementary material information                             |
| Ambient temperature                      | 0 °C...80 °C                                                       |
| Theoretical force at 6 bar, retracting   | 633 N                                                              |
| Theoretical force at 6 bar, advancing    | 754 N                                                              |
| Moving mass at 0 mm stroke               | 232 g                                                              |
| Additional moving mass per 10 mm stroke  | 15.8 g                                                             |
| Basic weight with 0 mm stroke            | 1327 g                                                             |
| Additional weight per 10 mm stroke       | 23.8 g                                                             |
| Type of mounting                         | With accessories                                                   |
| Pneumatic connection                     | G1/4                                                               |
| Note on materials                        | RoHS compliant                                                     |
| Cover material                           | high-alloy stainless steel                                         |
| Piston rod material                      | high-alloy stainless steel                                         |
| Material of cylinder barrel              | high-alloy stainless steel                                         |