

# Round cylinder DPRA-N-...-3/4"- -

Part number: 8109549

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value   |
|--|---|
| Stroke                                   | 1.5875 mm ... 304.8 mm  |
| Piston diameter                          | 3/4"  |
| Piston rod thread                        | 1/4-28 UNF-2A   |
| Cushioning                               | No cushioning<br>Elastic cushioning rings/pads at both ends<br>Pneumatic cushioning, adjustable at both ends  |
| Mounting position                        | Any   |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel   |
| Position sensing                         | For proximity sensor  |
| Variants                                 | End cap with swiveling rod eye and bearing sleeve<br>End cap with trunnion flange, rotated 90°<br>End cap with trunnion flange<br>Scraper made of NBR<br>Extended external thread piston rod<br>Extended piston rod<br>Bearing cap for direct mounting<br>Bearing cap with mounting thread<br>Bearing cap with trunnion flange<br>Axial supply port<br>Lateral supply port<br>With anti-twist protection<br>High corrosion protection<br>Through piston rod<br>Temperature range 0 to + 150°C<br>Temperature range -40 to 80°C<br>Piston rod at one end |
| Protection against torsion/guide         | Hexagonal piston rod  |
| Operating pressure                       | 0.689 bar ... 10.342 bar  |
| Mode of operation                        | Double-acting<br>Pushing<br>Single-acting<br>Pulling  |
| 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)         | 1 - Low corrosion stress<br>3 - High corrosion stress<br>4 - Particularly high corrosion stress   |
| LABS (PWIS) conformity                   | VDMA24364 zone III  |
| Ambient temperature                      | -40 °C ... 149 °C   |
| Product weight                           | 45.359 g ... 385.553 g  |

| Feature                     | Value   |
|-----------------------------|---|
| Type of mounting            | With lock nut<br>With accessories                           |
| Pneumatic connection        | 1/8 NPT   |
| Note on materials           | RoHS-compliant  |
| Cover material              | Wrought aluminum alloy<br>POM<br>High-alloy stainless steel |
| Seals material              | FPM<br>NBR  |
| Piston rod material         | High-alloy stainless steel                                  |
| Material of cylinder barrel | High-alloy stainless steel                                  |