

# compact cylinder

## DPCS-40-100-F-PA

Part number: 1387466  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



### Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 100 mm  |
| Piston diameter                            | 40 mm   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting   |
| Piston-rod end                             | Female thread   |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                         | For proximity sensor  |
| Operating pressure                         | 0.6 ... 10 bar  |
| 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   |
| Ambient temperature                        | -20 ... 80 °C   |
| Impact energy in end positions             | 0.36 J  |
| Theoretical force at 6 bar, return stroke  | 633 N   |
| Theoretical force at 6 bar, advance stroke | 754 N   |
| Moving mass                                | 290 g   |
| Product weight                             | 797 g   |
| Mounting type                              | Optional<br>with through hole<br>with thread                                |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Conforms to RoHS  |
| Materials information for cover            | Wrought Aluminium alloy   |
| Materials information for dynamic seals    | TPE-U(PU)   |
| Materials information for piston rod       | High alloy steel, non-corrosive   |
| Materials information for cylinder barrel  | Wrought Aluminium alloy   |