

# Compact cylinder

## DPCS-32-100-P

Part number: 1401075  
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                            | 32 mm                                                                       |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any                                                                         |
| Mode of operation                          | double-acting                                                               |
| Piston-rod end                             | Male thread                                                                 |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                         | No                                                                          |
| Working 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             | 0.26 J                                                                      |
| Theoretical force at 6 bar, return stroke  | 363 N                                                                       |
| Theoretical force at 6 bar, advance stroke | 483 N                                                                       |
| Moving mass                                | 261 g                                                                       |
| Product weight                             | 638 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 Aluminum 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 Aluminum alloy                                                      |