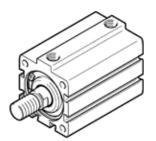
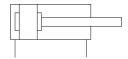
## compact cylinder DPCS-40-50-P Part number: 1380707 Product to be discontinued

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







## **Data sheet**

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 50 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                             | Male thread  |
| Design structure                           | Piston   |
|  | Piston rod   |
|  | Cylinder barrel  |
| Position detection                         | No   |
| 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                                | 175 g  |
| Product weight                             | 468 g  |
| Mounting type                              | Optional   |
|  | with through hole  |
|  | with thread  |
| Pneumatic connection                       | G1/8   |
| Materials note                             | Conforms to RoHS   |
| Materials information for cover            | Wrought Aluminium alloy  |
| Materials information for dynamic seals    | NBR  |
|  | TPE-U(PU)  |
| Materials information for piston rod       | High alloy steel, non-corrosive                                  |
| Materials information for cylinder barrel  | Wrought Aluminium alloy  |