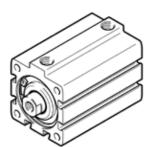
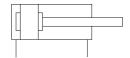
compact cylinder DPCS-100-40-F-P Part number: 1499014 Product to be discontinued

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







Data sheet

| Feature | Value |
|--|--|
| Stroke | 40 mm |
| Piston diameter | 100 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 |
| | 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 | 1.2 J |
| Theoretical force at 6 bar, return stroke | 4,288 N |
| Theoretical force at 6 bar, advance stroke | 4,712 N |
| Moving mass | 581 g |
| Product weight | 2,427 g |
| Mounting type | Optional |
| | with through hole |
| | with thread |
| Pneumatic connection | G3/8 |
| 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 |
| Materials information for cylinder barrel | Wrought Aluminium alloy |