

Compact cylinder DPCS-80-10-F-PA

Part number: 1497700
Product to be discontinued

FESTO

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



Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 mm |
| Piston diameter | 80 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 | For proximity sensor |
| 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 | 0.9 J |
| Theoretical force at 6 bar, return stroke | 2,721 N |
| Theoretical force at 6 bar, advance stroke | 3,016 N |
| Moving mass | 456 g |
| Product weight | 1,402 g |
| Mounting type | Optional with through hole with thread |
| Pneumatic connection | G3/8 |
| 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 |
| Materials information for cylinder barrel | Wrought Aluminum alloy |