

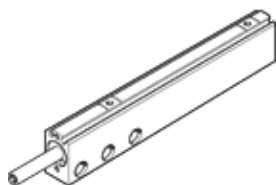
# Guide cylinder DFP-16-100-P-A

Part number: 186736  
Product to be discontinued

FESTO

Protected against torsion, for proximity sensing.

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 100 mm  |
| Piston diameter                            | 16 mm   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any   |
| Guide                                      | Recirculating ball bearing guide  |
| Design structure                           | Guide   |
| Position detection                         | For proximity sensor  |
| Working pressure                           | 1 ... 10 bar  |
| Max. speed                                 | 0.8 m/s   |
| Mode of operation                          | double-acting   |
| 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    | 0 - No corrosion stress   |
| Ambient temperature                        | -10 ... 60 °C   |
| Impact energy in end positions             | 0.07 Nm   |
| Theoretical force at 6 bar, return stroke  | 91 N  |
| Theoretical force at 6 bar, advance stroke | 121 N   |
| Moving mass                                | 83 g  |
| Product weight                             | 293 g   |
| Pneumatic connection                       | M5  |
| Materials note                             | Free of copper and PTFE   |
| Material cover                             | Wrought Aluminum alloy  |
| Material seals                             | NBR   |
| Material housing                           | Wrought Aluminum alloy  |
| Material piston rod                        | Heat-treatment steel  |