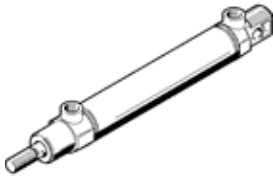


# ISO cylinder DSNUP-16-100-P-A

Part number: 551670  
Product to be discontinued

FESTO

consists of polymer cap with plain plastic bearing and aluminium barrel.  
Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

| Feature  | Value   |
|--|---|
| Stroke   | 100 mm  |
| Piston diameter                                | 16 mm   |
| Piston rod thread                              | M6  |
| Cushioning                                     | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                              | Any   |
| Conforms to standard                           | ISO 6432  |
| Design structure                               | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                             | For proximity sensor  |
| Operating pressure                             | 1 ... 8 bar   |
| 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        | 2 - Moderate corrosion stress   |
| Ambient temperature                            | -10 ... 60 °C   |
| Impact energy in end positions                 | 0.15 J  |
| Max. tightening torque of pneumatic connection | 1.3 Nm  |
| Max. tightening torque for mounting thread     | 8 Nm  |
| Theoretical force at 6 bar, return stroke      | 104 N   |
| Theoretical force at 6 bar, advance stroke     | 121 N   |
| Moving mass                                    | 43 g  |
| Product weight                                 | 83 g  |
| Mounting type                                  | with accessories  |
| Pneumatic connection                           | M5  |
| Materials note                                 | Conforms to RoHS  |
| Materials information for cover                | PA-reinforced   |
| Materials information for seals                | NBR<br>TPE-U(PU)  |
| Materials information for piston rod           | High alloy steel  |
| Materials information for cylinder barrel      | Wrought Aluminium alloy<br>Anodised   |