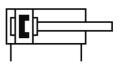
## Round cylinder DSEU-16-160-P-A Part number: 188801

End cap with threaded pins and swivel bearing. Products to be discontinued. Available until 2011.



## **Data sheet**

| Feature                                    | Value                                            |
|--------------------------------------------|--------------------------------------------------|
| Stroke                                     | 160 mm                                           |
| Piston diameter                            | 16 mm                                            |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Assembly position                          | Any                                              |
| Design structure                           | Piston                                           |
|                                            | Piston rod                                       |
|                                            | Cylinder barrel                                  |
| Position detection                         | For proximity sensor                             |
| Variants                                   | Single-ended piston rod                          |
| Operating pressure                         | 1.5 10 bar                                       |
| Mode of operation                          | double-acting                                    |
| Operating medium                           | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC    | 1                                                |
| Ambient temperature                        | 0 80 °C                                          |
| Theoretical force at 6 bar, return stroke  | 104 N                                            |
| Theoretical force at 6 bar, advance stroke | 121 N                                            |
| Moving mass with 0 mm stroke               | 16.2 g                                           |
| Additional weight per 10 mm stroke         | 5 g                                              |
| Basic weight for 0 mm stroke               | 47.7 g                                           |
| Mounting type                              | with accessories                                 |
| Pneumatic connection                       | M5                                               |
| Materials note                             | Contains PWIS substances                         |
| Materials information for cover            | Wrought Aluminium alloy                          |
| Materials information for seals            | TPE-U(PU)                                        |
| Materials information, housing             | High alloy steel, non-corrosive                  |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |



## **FESTO**