

# Round cylinder DSEU-20-100-P-A

Part number: 188565

FESTO

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



## Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 100 mm   |
| Piston diameter                            | 20 mm  |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Assembly position                          | Any  |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel          |
| Position detection                         | For proximity sensor                             |
| Variants                                   | Single-ended piston rod                          |
| Working 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  | 158 N  |
| Theoretical force at 6 bar, advance stroke | 189 N  |
| Moving mass with 0 mm stroke               | 31.3 g   |
| Additional weight per 10 mm stroke         | 7.4 g  |
| Basic weight for 0 mm stroke               | 107.6 g  |
| Mounting type                              | with accessories                                 |
| Pneumatic connection                       | G1/8   |
| Materials note                             | Contains PWIS substances                         |
| Materials information for cover            | Wrought Aluminum 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                  |