

# Standard cylinder DSN-5/8"-8"-P-B

Part number: 164377

FESTO

Based on DIN ISO 6432, with elastic cushioning rings in the end positions. Various mounting options, with or without additional mounting components.

This product is only available if ordered from the Festo Corporation, USA.



## Data sheet

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 203.2 mm   |
| Piston diameter                            | 5/8"   |
| Based on the standard                      | ISO 6432   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Piston-rod end                             | Male thread                                      |
| Operating pressure                         | 1 ... 10 bar                                     |
| Mode of operation                          | double-acting                                    |
| Operating medium                           | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC    | 2  |
| Ambient temperature                        | -20 ... 80 °C                                    |
| Theoretical force at 6 bar, return stroke  | 103.7 N  |
| Theoretical force at 6 bar, advance stroke | 120.6 N  |
| Additional mass factor per 10 mm of stroke | 18 g   |
| Pneumatic connection                       | M16x1,5  |
| Materials information for cover            | Wrought Aluminium alloy                          |
| Materials information for seals            | NBR<br>TPE-U(PU)                                 |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |
| Materials information for cylinder barrel  | High alloy steel, non-corrosive                  |