



## DSW-50-300-PPV-B

### Round cylinder

| Feature                                    | Data/description                                    |
|--|---|
| Stroke                                     | 300 mm  |
| Piston diameter                            | 50 mm   |
| Cushioning                                 | Pneumatic cushioning, adjustable at both ends (PPV) |
| Assembly position                          | Any   |
| Conforms to standard                       | ISO 6431  |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel             |
| Position detection                         | none  |
| Variants                                   | Single-ended piston rod                             |
| 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   |
| Cushioning length                          | 27 mm   |
| Theoretical force at 6 bar, return stroke  | 990 N   |
| Theoretical force at 6 bar, advance stroke | 1.178 N   |
| Additional weight per 10 mm stroke         | 35 g  |
| Basic weight for 0 mm stroke               | 1.277 g   |
| Mounting type                              | with accessories                                    |
| Pneumatic connection                       | G1/4  |
| Materials information for cover            | Wrought Aluminium alloy                             |
| Materials information for seals            | TPE-U(PU)   |

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|--------------------------------------|---------------------------------|
|                                      | NBR                             |
| Materials information, housing       | High alloy steel, non-corrosive |
| Materials information for piston rod | High alloy steel                |