

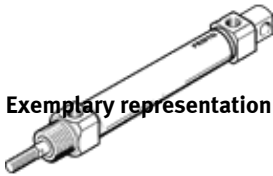
# Round cylinder DSAS-50- -PPV-A

Part number: 172638  
Product to be discontinued

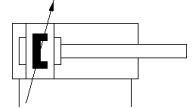
FESTO

[End cap with swivel bearing](#)

Type to be discontinued. Available until 2024. See Support Portal for alternative products.



Exemplary representation



## Data sheet

| Feature  | Value   |
|--|---|
| Stroke   | 1 ... 500 mm  |
| Piston diameter  | 50 mm   |
| Cushioning   | PPV: Pneumatic cushioning adjustable at both ends                           |
| Working pressure   | 1 ... 10 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   |
| PWIS conformity  | VDMA24364-B2-L  |
| Ambient temperature                                      | -20 ... 80 °C   |
| Cushioning length  | 27 mm   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 989 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 1,178 N   |
| Moving mass with 0 mm stroke                             | 892 g   |
| Additional mass factor per 10 mm of stroke               | 24.8 g  |
| Basic weight for 0 mm stroke                             | 977 g   |
| Additional weight per 10 mm stroke                       | 40.1 g  |
| Pneumatic connection                                     | M45x1,5   |
| Material cover   | Wrought Aluminum alloy  |
| Material seals   | NBR<br>TPE-U(PU)  |
| Material housing   | High alloy steel, non-corrosive   |
| Material piston rod                                      | High alloy steel  |