

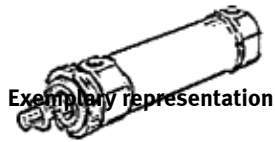
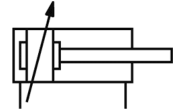
# Round cylinder DSAQ-50- -PPV-Q

Part number: 176528

FESTO

End cap with air connection perpendicular to cylinder axis, with square piston rod

This product is only available if ordered from Festo Korea Co. Ltd.



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 500 mm  |
| Piston diameter                            | 50 mm   |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends                           |
| Protection against torque/guide            | Square guide  |
| 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   |
| Ambient temperature                        | -20 ... 80 °C   |
| Cushioning length                          | 27 mm   |
| Theoretical force at 6 bar, return stroke  | 989 N   |
| Theoretical force at 6 bar, advance stroke | 1,178 N   |
| Moving mass with 0 mm stroke               | 892 g   |
| Additional weight per 10 mm stroke         | 40.1 g  |
| Basic weight for 0 mm stroke               | 977 g   |
| Additional mass factor per 10 mm of stroke | 24.8 g  |
| Pneumatic connection                       | M45x1,5   |
| Materials information for cover            | Wrought Aluminum alloy  |
| Materials information for seals            | NBR<br>TPE-U(PU)  |
| Materials information, housing             | High alloy steel, non-corrosive   |
| Materials information for piston rod       | High alloy steel  |