

# Round cylinder DSAS-40- -PPV-A-CT

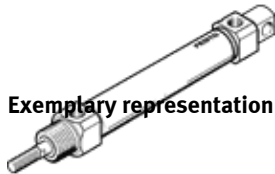
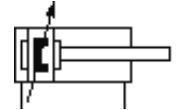
Part number: 176511

FESTO

End cap with swivel bearing

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

Products to be discontinued. Available until 2010.



Exemplary representation

## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 500 mm                                      |
| Piston diameter                            | 40 mm   |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends |
| 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                          | 22 mm   |
| Theoretical force at 6 bar, return stroke  | 633 N   |
| Theoretical force at 6 bar, advance stroke | 754 N   |
| Moving mass with 0 mm stroke               | 469 g   |
| Additional weight per 10 mm stroke         | 24 g  |
| Basic weight for 0 mm stroke               | 586 g   |
| Additional mass factor per 10 mm of stroke | 15.9 g  |
| Pneumatic connection                       | M32x2   |
| Materials note                             | Free of copper and PTFE                           |
| Materials information for cover            | Wrought Aluminium 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                                  |