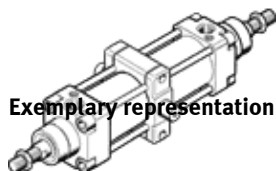


# Standard cylinder DNGZK-40- -PPV-A-S2

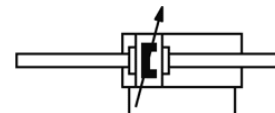
Part number: 552388

FESTO

As per ISO 15552, NF E 49 003.1 and UNI 10 290, for proximity sensing,  
with trunnion mounting and adjustable cushioning at both ends.  
This product is only available via Festo Brazil.



Exemplary representation



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 500 mm  |
| Piston diameter                            | 40 mm   |
| Piston rod thread                          | M12x1,25  |
| Based on the standard                      | ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)   |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends                           |
| Assembly position                          | Any   |
| Piston-rod end                             | Male thread   |
| Design structure                           | Piston<br>Piston rod  |
| Position detection                         | For proximity sensor  |
| Variants                                   | Through piston rod<br>Heat resistant seals, max. 120°C                      |
| Operating pressure                         | 0.6 ... 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                          | 21 mm   |
| Theoretical force at 6 bar, return stroke  | 633 N   |
| Theoretical force at 6 bar, advance stroke | 633 N   |
| Mounting type                              | with accessories  |
| Pneumatic connection                       | G1/4  |
| Materials information for cover            | Aluminium   |
| Materials information for seals            | NBR<br>TPE-U(PU)  |
| Materials information for piston rod       | High alloy steel  |
| Materials information for cylinder barrel  | Wrought Aluminium alloy   |