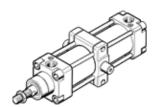
## Standard cylinder DNGZK-40-50-PPV-A Part number: 36417

**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.





## **Data sheet**

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 50 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   |
|  | Piston rod   |
| Position detection                         | For proximity sensor   |
| Variants                                   | Single-ended piston rod  |
| Operating pressure                         | 0.6 12 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 | 754 N  |
| Additional weight per 10 mm stroke         | 40 g   |
| Basic weight for 0 mm stroke               | 1,275 g  |
| Mounting type                              | with accessories   |
| Pneumatic connection                       | G1/4   |
| Materials information for cover            | Aluminium die cast   |
| Materials information for seals            | NBR  |
|  | TPE-U(PU)  |
| Materials information for piston rod       | High alloy steel   |
| Materials information for cylinder barrel  | Wrought Aluminium alloy  |