

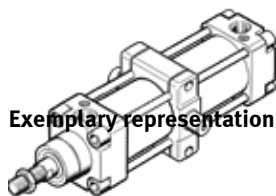
# Standard cylinder DNGZK-125- -PPV-A

Part number: 34446

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.

Type to be discontinued. Available until 2013. See Support Portal for alternative products.



Exemplary representation



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 1,500 mm  |
| Piston diameter                            | 125 mm  |
| Piston rod thread                          | M27x2   |
| 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                                   | 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                          | 40 mm   |
| Theoretical force at 6 bar, return stroke  | 6,881 N   |
| Theoretical force at 6 bar, advance stroke | 7,363 N   |
| Additional weight per 10 mm stroke         | 140 g   |
| Basic weight for 0 mm stroke               | 10,215 g  |
| Mounting type                              | with accessories  |
| Pneumatic connection                       | G1/2  |
| Materials information for cover            | Aluminium die cast  |
| 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   |