

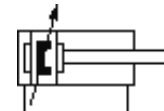
# Standard cylinder DNU-40-320-PPV-A

Part number: 34705

FESTO

As per ISO 15552, with profile cylinder barrel, for proximity sensing,  
with adjustable cushioning at both ends.

Discontinued, available through 2008



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 320 mm  |
| Piston diameter                            | 40 mm   |
| Piston rod thread                          | M12x1,25  |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position                          | Any   |
| Conforms to standard                       | ISO 6431  |
| 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                           | Dried compressed air, lubricated or unlubricated  |
| Corrosion resistance classification CRC    | 2   |
| Ambient temperature                        | -20 ... 80 °C                                     |
| Authorisation                              | Germanischer Lloyd                                |
| Cushioning length                          | 21 mm   |
| Theoretical force at 6 bar, return stroke  | 586 N   |
| Theoretical force at 6 bar, advance stroke | 715 N   |
| Additional weight per 10 mm stroke         | 36 g  |
| Basic weight for 0 mm stroke               | 727 g   |
| Mounting type                              | with accessories                                  |
| Pneumatic connection                       | G1/4  |
| Materials information for cover            | Aluminium   |
| Materials information for seals            | TPE-U(PU)   |
| Materials information for piston rod       | High alloy steel                                  |
| Materials information for cylinder barrel  | Wrought Aluminium alloy<br>Anodised               |