

Standard cylinder DNU-100-320-PPV-A

Part number: 34709

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 | 100 mm |
| Piston rod thread | M20x1,5 |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Conforms to standard | ISO 6431 |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Operating pressure | 0.2 ... 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 | 30 mm |
| Theoretical force at 6 bar, return stroke | 4,221 N |
| Theoretical force at 6 bar, advance stroke | 4,496 N |
| Additional weight per 10 mm stroke | 90 g |
| Basic weight for 0 mm stroke | 3,864 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/2 |
| 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 Anodised |