

Round cylinder DSNU-40-320-PPV-A

Part number: 196039

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 320 mm |
| Piston diameter | 40 mm |
| Piston rod thread | M12x1.25 |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | optional |
| Design | Piston Piston rod Cylinder barrel |
| Position detection | Via proximity switch |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Cushioning length | 18 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 633.3 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 752.9 N |
| Moving mass | 742 g |
| Product weight | 1429 g |
| Type of mounting | With accessories |
| Pneumatic connection | G1/4 |
| Note on materials | RoHS-compliant |
| Material cover | Wrought aluminium alloy |
| Material seals | NBR TPE-U(PU) |
| Material piston rod | High-alloy steel |
| Material cylinder barrel | High-alloy stainless steel |