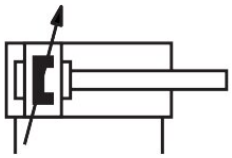
# Round cylinder
# DSNU-32-50-PPV-A

Part number: 196022





## Data sheet

| Feature | Value |
|---|---|
| Stroke | 50 mm |
| Piston diameter | 32 mm |
| Piston rod thread | M10x1.25 |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | Any |
| Structural design | Piston<br>Piston rod<br>Cylinder barrel |
| Position sensing | Via proximity switch |
| Operating pressure | 0.1 MPa...1 MPa<br>1 bar...10 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 6 according to ISO 14644-1 |
| Ambient temperature | -20 °C...80 °C |
| Impact energy in the end positions | 0.4 J |
| Cushioning length | 14 mm |
| Theoretical force at 6 bar, retracting | 415 N |
| Theoretical force at 6 bar, advancing | 482.5 N |
| Moving mass | 166 g |
| Product weight | 448 g |
| Type of mounting | With accessories |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS compliant |
| Cover material | Wrought aluminum alloy |
| Seals material | NBR<br>TPE-U(PU) |
| Piston rod material | High-alloy steel |
| Material of cylinder barrel | high-alloy stainless steel |