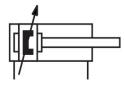
Round cylinder DSNU-2 1/2"- -PPV-A Part number: 548541





Data sheet

| Feature | Value |
|--|--|
| Stroke | 0.4 in20 in |
| Piston diameter | 2 1/2" |
| Piston rod thread | 5/8-18 UNF-2A |
| Based on norm | ISO 6431 |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | Any |
| Piston rod end | External thread |
| Structural design | Piston Piston rod |
| Position sensing | For proximity sensor |
| Variants | Piston rod at one end |
| Operating pressure | 0.1 MPa1 MPa 1 bar10 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 |
| Ambient temperature | -4 °F176 °F |
| Impact energy in the end positions | 0.959 ft-lbf |
| Cushioning length | 0.83 in |
| Theoretical force at 6 bar, retracting | 336 lbf |
| Theoretical force at 6 bar, advancing | 374 lbf |
| Moving mass at 0 mm stroke | 16.2 oz |
| Additional weight per 10 mm stroke | 0.882 oz |
| Type of mounting | With accessories |
| Pneumatic connection | 3/8 NPT |
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy |
| Seals material | NBR TPE-U(PU) |
| Piston rod material | High-alloy stainless steel |

FESTO

| Feature | Value |
|-----------------------------|----------------------------|
| Material of cylinder barrel | High-alloy stainless steel |