



## ISO cylinder, DSNU-20-25-PPV- A,33974

URL:<https://www.sxplc.com/iso-cylinder-dsnu-20-25-ppv-a-33974>

### Product data sheet

- |                               |   |
|-------------------------------|---|
| • <b>Stroke</b>               | 25 mm   |
| • <b>Piston diameter</b>      | 20 mm   |
| • <b>Piston rod thread</b>    | M8  |
| • <b>Cushioning</b>           | Pneumatic cushioning, adjustable at both ends |
| • <b>Mounting position</b>    | Any   |
| • <b>Conforms to standard</b> | CETOP RP 52 P ISO 6432                        |
| • <b>Piston rod end</b>       | External thread                               |
| • <b>Structural design</b>    | Piston Piston rod Cylinder barrel             |
| • <b>Position sensing</b>     | For proximity sensor                          |
| • <b>Symbol</b>               | 00991235                                      |
| • <b>Variants</b>             | Piston rod at one end                         |
| • <b>Operating pressure</b>   | 0.1 MPa ... 1 MPa                             |
| • <b>Operating pressure</b>   | 1 bar ... 10 bar                              |
| • <b>Mode of operation</b>    | 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 class**Class 6 according to ISO 14644-1
- **Ambient temperature**-20 °C ... 80 °C
- **Impact energy in the end positions**0.2 J
- **Cushioning length**15 mm
- **Theoretical force at 6 bar, retracting**158.3 N
- **Theoretical force at 6 bar, advancing**188.5 N
- **Moving mass at 0 mm stroke**44 g
- **Additional moving mass per 10 mm stroke**4 g
- **Basic weight with 0 mm stroke**186.8 g
- **Additional weight per 10 mm stroke**7.2 g
- **Type of mounting**With accessories
- **Pneumatic connection**G1/8
- **Note on materials**RoHS-compliant
- **Cover material**Wrought aluminum alloy Plain anodized
- **Seals material**NBR TPE-U(PU)
- **Piston rod material**High-alloy stainless steel
- **Material of cylinder barrel**High-alloy stainless steel

