



## ISO cylinder, DSBC-32-25-PPVA-N3

**1376422**

URL:<https://www.sxplc.com/iso-cylinder-dsbc-32-25-ppva-n3-1376422>

### Product data sheet

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| • <b>Stroke</b> 25 mm   |
| • <b>Piston diameter</b> 32 mm                                    |
| • <b>Piston rod thread</b> M10x1.25                               |
| • <b>Cushioning</b> Pneumatic cushioning, adjustable at both ends |
| • <b>Mounting position</b> Any                                    |
| • <b>Conforms to standard</b> ISO 15552                           |
| • <b>Piston rod end</b> External thread                           |
| • <b>Structural design</b> Piston Piston rod Profile barrel       |
| • <b>Position sensing</b> For proximity sensor                    |
| • <b>Symbol</b> 00991235  |
| • <b>Variants</b> Piston rod at one end                           |
| • <b>Operating pressure</b> 0.06 MPa ... 1.2 MPa                  |
| • <b>Operating pressure</b> 0.6 bar ... 12 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** 0.4 J
- **Cushioning length** 17 mm
- **Theoretical force at 6 bar, retracting** 415 N
- **Theoretical force at 6 bar, advancing** 483 N
- **Moving mass at 0 mm stroke** 110 g
- **Additional moving mass per 10 mm stroke** 9 g
- **Basic weight with 0 mm stroke** 465 g
- **Additional weight per 10 mm stroke** 27 g
- **Type of mounting** Optionally: With internal thread With accessories
- **Pneumatic connection** G1/8
- **Note on materials** RoHS-compliant
- **Cover material** Die-cast aluminum, coated
- **Piston seal material** TPE-U(PU)
- **Material of piston** Wrought aluminum alloy
- **Piston rod material** High-alloy steel
- **Piston rod wiper material** TPE-U(PU)

- **Buffer seal material**TPE-U(PU)
- **Cushion piston material**POM
- **Material of cylinder barrel**Wrought aluminum alloy, smooth-anodized
- **Nut material**Steel, galvanized
- **Material of bearing**POM
- **Flange screws material**Steel, galvanized

