



## **cylinder DSBC-40-80-PPVA-N3**

**1376659**

URL:<https://www.sxplc.com/cylinder-dsbc-40-80-ppva-n3-1376659>

### **Product data sheet**

- Stroke 80 mm
- Piston diameter 40 mm
- Piston rod thread M12x1.25
- Cushioning Pneumatic cushioning, adjustable at both ends
- Mounting position Any
- Conforms to standard ISO 15552
- Piston rod end External thread
- Structural design Piston Piston rod Profile barrel
- Position sensing For proximity sensor
- Symbol 00991235
- Variants Piston rod at one end
- Operating pressure 0.06 MPa ... 1.2 MPa
- Operating pressure 0.6 bar ... 12 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 VDMA 24364-B1/B2-L

- Cleanroom class Class 6 according to ISO 14644-1
- Ambient temperature -20 °C ... 80 °C
- Impact energy in the end positions 0.7 J
- Cushioning length 19 mm
- Theoretical force at 6 bar, retracting 633 N
- Theoretical force at 6 bar, advancing 754 N
- Moving mass at 0 mm stroke 205 g
- Additional moving mass per 10 mm stroke 16 g
- Basic weight with 0 mm stroke 740 g
- Additional weight per 10 mm stroke 37 g
- Type of mounting Optionally: With internal thread With accessories
- Pneumatic connection G1/4
- 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

