



## **cylinder DSBC-32-125-PPSA-N3**

**1376472**

URL:<https://www.sxplc.com/cylinder-dsbc-32-125-ppsa-n3-1376472>

### **Product data sheet**

trip

125 mm

Piston diameter

32 mm

Thread of piston rod

M10x1.25

buffer

Self adjusting throttle terminal position buffer

Installation location

Optional

Compliant with standards

ISO 15552

End of piston rod

External thread

Structural characteristics

Cylinder diameter

piston rod

Cylinder profile

position detection

By proximity switch

Symbol

00992970

Derived type

One end piston rod

working pressure

0.06 Mpa ... 1.2 Mpa

working pressure

0.6 bar ... 12 bar

Working mode

Double action

Working medium

Compressed air, in accordance with ISO 8573-1:2010 [7:4:4]

Description of Work and Pilot Media

Can work with lubricating medium (must continue to work with lubricating medium thereafter)

Corrosion resistance grade CRC

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Cleanroom level

Level 6, in accordance with ISO 14644-1

ambient temperature

-20 °C ... 80 °C

Impact energy at the end position

0.4 J

Buffer length

17 mm

Theoretical force value at 6 bar, return stroke

415 N

Theoretical force value at 6 bar, forward travel

483 N

Moving mass with a 0 mm stroke

110 g

Extra moving mass per 10 mm stroke

9 g

Basic weight of 0 mm stroke

465 g

Additional weight for every 10 meters of travel

27 g

Installation method

or

Installation through internal threads

With attachments

Pneumatic interface

G1/8

Material Description

RoHS compliance

Lid material

Coated die cast aluminum

Material of piston seal

TPE-U(PU)

Piston material

Refined aluminum alloy

Material of piston rod

High alloy steel

Material of piston rod seal oil scraper

TPE-U(PU)

Buffer sealing material

TPE-U(PU)

Material of buffer piston

Polyoxymethylene

Cylinder material

Smooth anodized refined aluminum alloy

Nut material

Galvanized steel

Bearing material

POM

Ring screw material

Galvanized steel

