Cylinder DSBC-50-750-PPVA-N3

URL:https://www.sxplc.com/cylinder-dsbc-50-750-ppva-n3

Product data sheet

trip

1 mm ... 2800 mm

Piston diameter

50 mm

Piston rod thread

M16x1.5

buffer

Pneumatic buffering, adjustable at both ends

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

00991235

Derivative type

One end piston rod

working pressure

0.04 Mpa ... 1.2 Mpa

working pressure

0.4 bar ... 12 bar

Working mode

Double action

Working medium

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

Description of work and lead medium

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

Corrosion resistance grade CRC

2- Medium corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Cleanroom level

Level 6, compliant with ISO 14644-1

ambient temperature

-20 °C ... 80 °C

Impact energy at the end position

1 J

Buffer length

22 mm

Theoretical force value at 6 bar, return stroke

990 N

Theoretical force value at 6 bar, forward travel

1178 N

Moving mass of 0 mm stroke

365 g

Extra moving mass per 10 mm stroke

25 g

Basic weight of 0 mm stroke

1190 g

Additional weight for every 10 meters of travel

56 g

Installation method

or

Installed through internal threads

With attachments

Pneumatic interface

G1/4

Material Description

RoHS compliance

Lid material

Coated die cast aluminum

Piston seal material

TPE-U(PU)

Piston material

Refined aluminum alloy

Piston rod material

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