



## **cylinder DSN U-25-25-P-A**

URL:<https://www.sxplc.com/cylinder-dsn-u-25-25-p-a>

### **Product data sheet**

Stroke

25 mm

Piston diameter

25 mm

Piston rod thread

M10x1.25

Cushioning

With elastic cushion ring/pad at both ends

Mounting position

optional

Conforms to standard

CETOP RP 52 P

ISO 6432

Piston rod end

Male thread

Structural characteristics

Cylinder bore

Piston rod

Cylinder cylinder

Position detection

By proximity switch

Symbol

00991217

Derivative type

Piston rod at one end

Working pressure

0.1 Mpa ... 1 Mpa

Working pressure

1 bar ... 10 bar

Working mode

Double acting

Working medium

Compressed air according to ISO 8573-1:2010 [7:4:4].

Operating and pilot medium description

Lubricated working medium available (after that always lubricated working medium)

Corrosion resistance class CRC

2 - medium corrosion resistance

Paint Wetting Incorporated Substances (PWIS) Compliance

vdma24364-b1/b2-I

Clean Room Class

Class 6 according to ISO 14644-1

Ambient temperature

-20 °C ... 80 °C

Impact energy at end position

0.3 J

Theoretical force at 6 bar, return stroke

247.4 N

Theoretical force at 6 bar, forward stroke

294.5 N

Moving mass for 0 mm stroke

71 g

Additional moving mass per 10 mm stroke

6 g

Base weight for 0 mm stroke

238 g

Additional weight per 10 m stroke

11 g

Mounting

with accessories

Pneumatic connection

G1/8

Material Description

RoHS Compliant

Lid Material

Refined Aluminum Alloy

Colorless anodized

Seal Material

NBR

TPE-U(PU)

Piston rod material

High alloy stainless steel

Cylinder material

High alloy stainless steel

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