



## Cylinder DFM-32- -B 532318

URL:<https://www.sxplc.com/cylinder-dfm-32-b-532318>

### Product data sheet

trip

20 mm ... 400 mm

Piston diameter

32 mm

Working mode, driver unit

Connecting plate

buffer

Elastic buffer rings/pads at both ends

Pneumatic buffer, adjustable at both ends

Hydraulic buffer, flexible characteristic curve

Installation location

Optional

guide

Sliding bearing guide rail

Circular ball bearing guide rail

Structural characteristics

guide

position detection

By proximity switch

Derived type

High temperature resistant sealing element, up to 120 ° C

working pressure

0.15 Mpa ... 1 Mpa

working pressure

1.5 bar ... 10 bar

Working mode

Double action

CE certification (see declaration of conformity)

Compliant with the EU Explosion Protection Directive (ATEX)

CE marking (see declaration of conformity)

According to the UK EX directive

explosion-proof

Zone 1 (ATEX)

Zone 2 (ATEX)

ATEX gas category

II 2G

Gas explosion-proof and flame-retardant type

Ex h IIC T4 Gb

Explosion proof ambient temperature

-20°C ≤ Ta ≤ +70°C

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

0- No corrosion resistance

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

ambient temperature

-20 °C ... 120 °C

Impact energy at the end position

0.2 J ... 0.4 J

Theoretical force value at 6 bar, return stroke

415 N

Theoretical force value at 6 bar, forward travel

482 N

Backup interface

View product drawings

Pneumatic interface

G1/8

Material Description

RoHS compliance

Lid material

Refined aluminum alloy

Sealing material

NBR

Shell material

Refined aluminum alloy

Material of piston rod

High alloy stainless steel

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