

Air cylinder 1376656

DSBC-40-25-PPVA-N3

URL:<https://www.sxplc.com/air-cylinder-1376656-dsbc-40-25-ppva-n3>

Product data sheet

Feature Value

Stroke 25 mm

Piston diameter 40 mm

Piston rod thread M12x1,25

Cushioning PPV: Pneumatic cushioning adjustable at both ends

Assembly position Any

Conforms to standard ISO 15552

Piston-rod end Male thread

Design structure Piston

Piston rod

Profile barrel

Position detection For proximity sensor

Variants Single-ended piston rod

Operating pressure 0.6 ... 12 bar

Mode of operation double-acting

Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]

Note on operating and pilot medium Lubricated operation possible (subsequently required for further

operation)

Corrosion resistance classification CRC 2 - Moderate corrosion stress

Ambient temperature -20 ... 80 °C

Impact energy in end positions 0.7 J

Cushioning length 19 mm

Theoretical force at 6 bar, return stroke 633 N

Theoretical force at 6 bar, advance stroke 754 N

Moving mass with 0 mm stroke 205 g

Additional weight per 10 mm stroke 37 g

Basic weight for 0 mm stroke 740 g

Additional mass factor per 10 mm of stroke 16 g

Mounting type Optional

with internal (female) thread

with accessories

Pneumatic connection G1/4

Materials note Conforms to RoHS

Material cover Aluminium die cast

coated

Material seals TPE-U(PU)

Material piston rod High alloy steel

Material cylinder barrel Wrought Aluminium alloy

Smooth anodised

