

Bellows suction cup (oval)

FSGAO 95x40 VU1-72 G1/8-AG

Part no.: 10.01.06.00503

<https://www.schmalz.co.jp/10.01.06.00503>

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Bellows suction cup (oval), very hard-wearing, for narrow workpieces



Dimensions (LxB): 95 x 40

Suction cup material: Vulkollan VU1

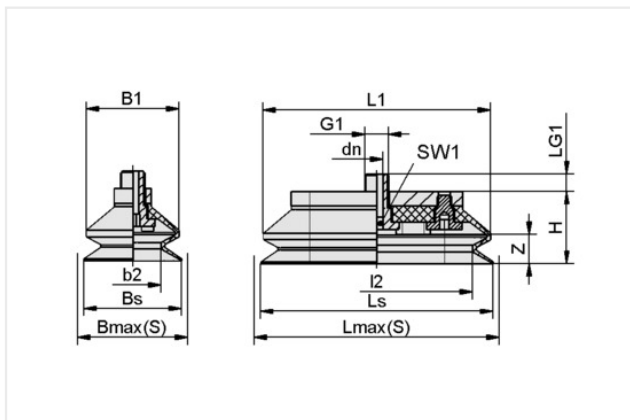
Material hardness [Shore A]: 72 Shore A

Nipple material: Brass

Connection: G1/8"-M

Number of folds: 1.5

Design Data



Attribute	Value
b2	23 mm
B1	38 mm
Bmax (S)	42.50 mm
Bs	40 mm
dn	5 mm
G1	G1/8"-M
H	29.50 mm
L1	93 mm
l2	78 mm
LG1	8 mm
Lmax (S)	97 mm
Ls	95 mm
SW1	4 mm
Z (Stroke)	12 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	95 N
Pull-off force	110 N
Volume	38.22 cm ³

Contact Schmalz

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Curve radius (min) (convex) 20 mm

Hose diameter (rec.) d 9 mm

Nipple family N 038

Dimensions (LxB) 95 x 40

Number of folds 1.50

Suction cup material Vulkollan VU1

Material hardness [Shore A] 72 Shore A

Weight 125 g

Product family FSGAO

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface – they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



FSGAO 95x40 VU1-72 N038

Part no.: 10.01.06.00499

Dimensions (LxB): 95 x 40

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5



FSGAO 95x40 VU1-72 N038

Part no.: 10.01.06.00499

Dimensions (LxB): 95 x 40

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

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