

Flat suction cup (oval)

SGON 4x2 HT1-60 M3-AG

Part no.: 10.01.05.00404

<https://www.schmalz.co.jp/10.01.05.00404>

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Flat suction cup (oval) for long and also curved workpieces



Dimensions (LxB): 4 x 2

Suction cup material: High temperature material HT1

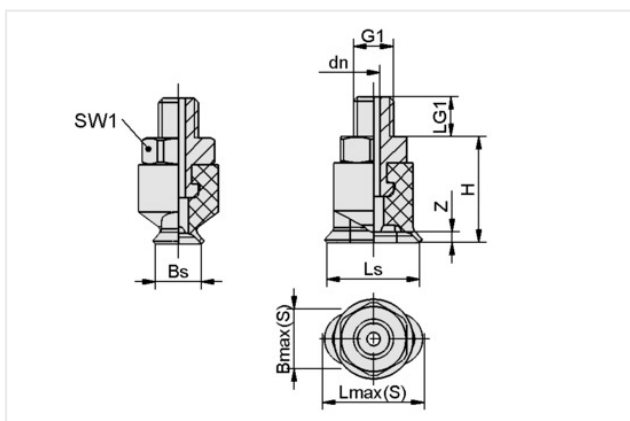
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Connection: M3-M

Design Data



Attribute	Value
Bmax (S)	2.50 mm
Bs	2 mm
dn	1 mm
G1	M3-M
H	8 mm
LG1	3 mm
Lmax (S)	4.50 mm
Ls	4 mm
SW1	5 mm
Z (Stroke)	0.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.42 N
Volume	0.02 cm ³
Curve radius (min) (convex)	1 mm
Hose diameter (rec.) d	2 mm
Dimensions (LxB)	4 x 2
Number of folds	0
Suction cup material	High temperature material HT1

Contact Schmalz

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Material hardness [Shore A] 60 Shore A

Weight 2 g

Product family SGON

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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



SA-NIP N003 M3-AG DN100

Part no.: 10.01.01.00316

Thread G1: M3-M

Length L1: 7.5 mm

Fitting length: 2 mm

Material: Aluminum



SGO 4x2 HT1-60 N003

Part no.: 10.01.05.00426

Dimensions (LxB): 4 x 2

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Contact Schmalz

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