

Flat suction cup (oval)

SGON 12x4 SI-HD-65 M5-AG

Part no.:10.01.01.00221

<https://www.schmalz.com/10.01.01.00221>

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



Dimensions (LxB): 12 x 4

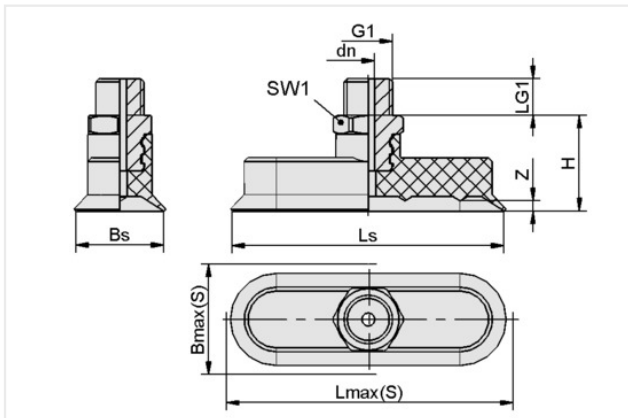
Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Nipple material: Aluminum

Connection: M5-M

Design Data



Attribute	Value
Bmax(S)	5 mm
Bs	3.90 mm
dn	1.50 mm
G1	M5-M
H	18 mm
LG1	4.50 mm
Lmax(S)	13 mm
Ls	11.90 mm
SW1	8 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)	1.80 N
Volume	0.17 cm ³
Curve radius (min) (convex)	3 mm
Hose diameter (rec.) d	2 mm
Dimensions (LxB)	12 x 4
Number of folds	0
Suction cup material	Silicone SI-HD

Contact Schmalz

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Material hardness [Shore A] 65 Shore A

Weight 2.90 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 N020 M5-AG DN180

Part no.:10.01.01.00312

Thread G1: M5-M

Length L1: 15 mm

Fitting length: 3 mm

Nominal diameter dn: 1.8 mm

Material: Aluminum



SGO 12x4 SI-HD-65 N020

Part no.:10.01.01.00222

Dimensions (LxB): 12 x 4

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

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