

Bell suction cup (round)

FSG 4 SI-55 M5-AG

Part no.:10.01.06.02966

<https://www.schmalz.com/10.01.06.02966>



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Suction Cups FSG (2.5 Folds) > FSG 4 SI-55 M5-AG

Bellows suction cup (round) for very uneven workpieces



Size: 4

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

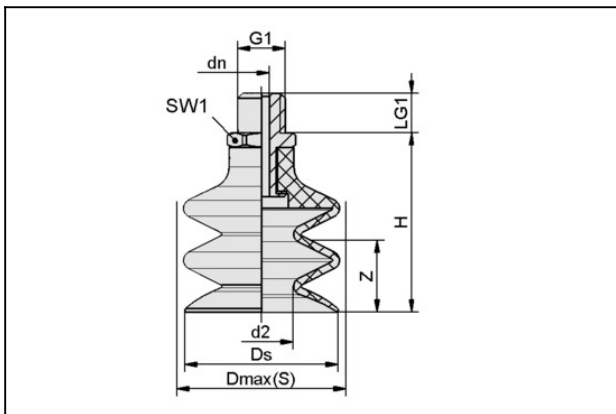
FDA-compatible

Nipple material: Aluminium

Vacuum connection: M5-M

Number of folds: 2.5

Design Data



Attribute

Value

d2 2.4 mm

dn 2 mm

Dmax(S) 7 mm

Ds 3.8 mm

G1 M5-AG

H 19 mm

LG1 5 mm

SW1 8 mm

Z (Stroke) 1.5 mm

Technical Data

[Contact to Schmalz](#)

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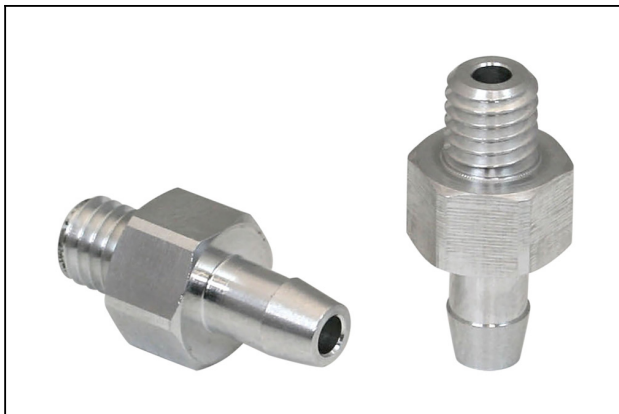
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Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Size	4
Number of folds	2.5
Connection	M5-AG
Curve radius (min) (convex)	4 mm
Volume	0.053 cm ³
Suction force (-600mbar)	0.27 N
Pull-off force	0.6 N
Hose diameter (empf.) d	2 mm
Weight	1.5 g
Product family	FSG

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare Parts



SA-NIP N017 M5-AG DN200

Part no.10.01.06.00314

Suction cup connection nipple

Nipple: N 017

Thread G1: M5-M

Overall length: 17 mm

Fitting length: 5 mm

Nominal size: 2.00 mm

Material: Aluminium

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FG 4 SI-55 N017

Part no.10.01.06.02963

Bellows suction cup (round) for very uneven workpieces

Size: 4

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

FDA-compatible

Number of folds: 2.5