Bellows suction cups (round)

FSG 3 SI-55 M5-AG

Part no..:10.01.06.03718

https://www.schmalz.ru/10.01.06.03718

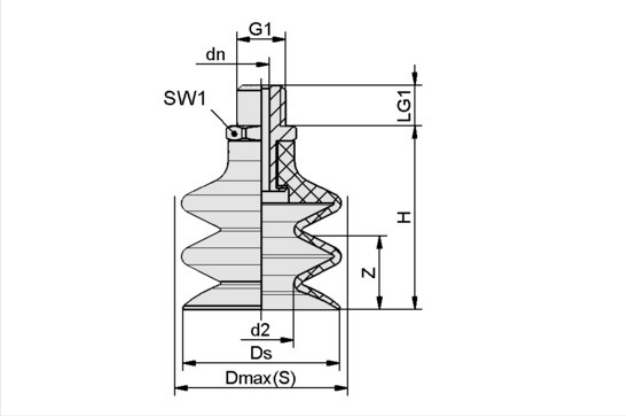
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Bellows suction cup (round) for very uneven workpieces



- Size: 3
- Suction cup material: Silicone SI
- Material hardness [Shore A]: 55 Shore A
- Material characteristics: FDA-compatible
- Nipple material: Aluminum
- Connection: M5-M
- Number of folds: 2.5
- Vacuum connection: M5-M

Design Data



Attribute	Value
d2	1.80 mm
dn	1 mm
Dmax(S)	4 mm
Ds	3 mm
G1	M5-M
H	10.20 mm
LG1	4.50 mm
SW1	7 mm
Z (Stroke)	1.10 mm

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

Technical Data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Size	3
Number of folds	2.50
Connection	M5-AG
Curve radius (min) (convex)	4 mm
Volume	0.02 cm³

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Suction force (-600mbar)	0.15 N
Pull-off force	0.40 N
Hose diameter (rec.) d	2 mm
Weight	0.70 g
Product family	FSG

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 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 N055 M5-AG DN100

Part no..:10.01.01.13084

Thread G1: M5-M
Fitting length: 3.5 mm
Material: Aluminum



FG 3 SI-55 N055

Part no..:10.01.06.03705

Size: 3
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible
Number of folds: 2.5