Bellows suction cups (round)

FSGA 6 SI-55 M5-AG

Part no..:10.01.06.02995

https://www.schmalz.com/10.01.06.02995

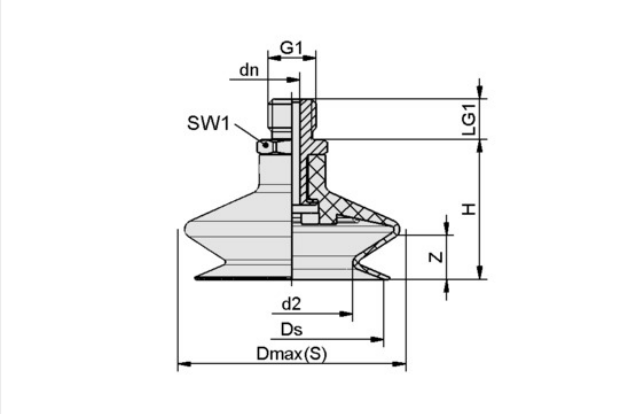
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 6
- 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: 1.5
- Vacuum connection: M5-M

Design Data



Attribute	Value
d2	3 mm
Dmax(S)	8 mm
dn	2 mm
Ds	5.70 mm
G1	M5-M
H	14 mm
LG1	4.50 mm
SW1	8 mm
Z (Stroke)	2 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	6
Number of folds	1.50
Connection	M5-AG
Curve radius (min) (convex)	4 mm
Volume	0.15 cm^3

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Suction force (-600mbar)	0.40 N
Pull-off force	1.40 N
Hose diameter (rec.) d	4 mm
Weight	1.50 g
Product family	FSGA

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 N004 M5-AG DN200

Part no..:10.01.01.03526

Thread G1: M5-M
Length L1: 13.5 mm
Fitting length: 5 mm
Material: Aluminum



FGA 6 SI-55 N004

Part no..:10.01.06.01571

Size: 6
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible
Number of folds: 1.5