Bellows suction cups (round)

FSG 7 SI-55 G1/8-AG

Part no..:10.01.06.00034

https://www.schmalz.com/10.01.06.00034

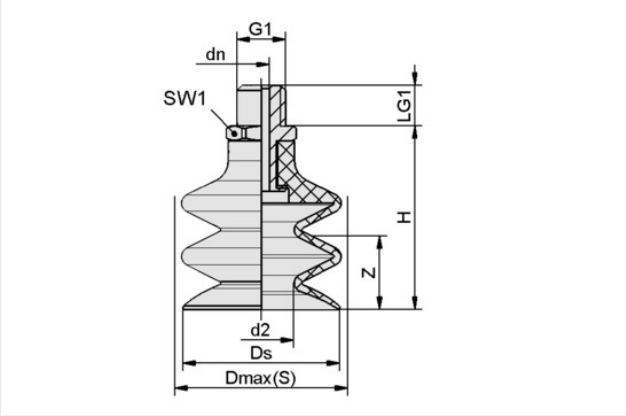
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Bellows suction cup (round) for very uneven workpieces



- Size: 7
- Suction cup material: Silicone SI
- Material hardness [Shore A]: 55 Shore A
- Material characteristics: FDA-compatible
- Nipple material: Aluminum
- Connection: G1/8"-M
- Number of folds: 2.5
- Vacuum connection: G1/8"-M

Design Data



Attribute	Value
d2	1.80 mm
dn	3.50 mm
Dmax(S)	7 mm
Ds	5.90 mm
G1	G1/8"-M
H	20 mm
LG1	7.50 mm
SW1	14 mm
Z (Stroke)	3 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	7
Number of folds	2.50
Connection	G1/8-AG
Curve radius (min) (convex)	7.50 mm
Volume	0.04 cm^3

Bellows suction cups (round)

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Suction force (-600mbar)	0.15 N
Pull-off force	0.90 N
Hose diameter (rec.) d	4 mm
Weight	4.30 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 N016 G1/8-AG DN350

Part no..:10.01.06.05735

Nipple family: N 016
Thread G1: G1/8"-M
Length L1: 20 mm
Fitting length: 6 mm
Nominal diameter dn: 3.5 mm
Material: Aluminum



FG 7 SI-55 N016

Part no..:10.01.06.00055

Size: 7
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible
Number of folds: 2.5