Bellows suction cups (round)

FSGA 14 SI-55 G1/8-AG

Part no..:10.01.06.00384

https://www.schmalz.com/10.01.06.00384

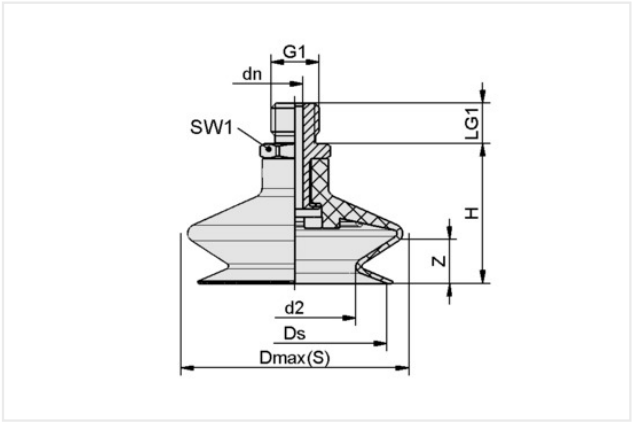
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 14
- 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: 1.5
- Vacuum connection: G1/8"-M

Design Data



Attribute	Value
d2	5 mm
Dmax(S)	14.50 mm
dn	3.50 mm
Ds	12.50 mm
G1	G1/8"-M
H	21.50 mm
LG1	7.50 mm
SW1	14 mm
Z (Stroke)	5 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	14
Number of folds	1.50
Connection	G1/8-AG
Curve radius (min) (convex)	15 mm
Volume	0.42 cm³

Bellows suction cups (round)

FSGA 14 SI-55 G1/8-AG

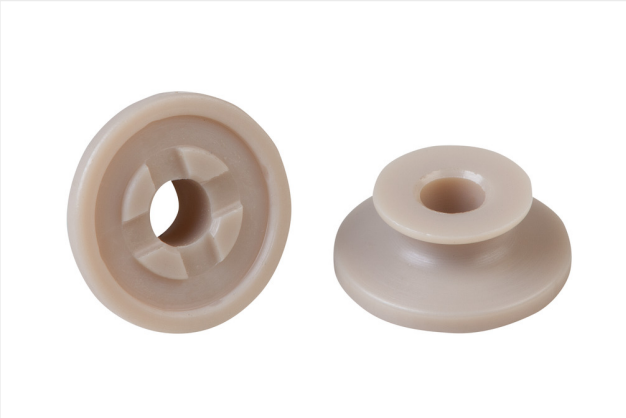
Part no..:10.01.06.00384

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Suction force (-600mbar)	1.20 N
Pull-off force	5 N
Hose diameter (rec.) d	4 mm
Weight	4.80 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

Accessories

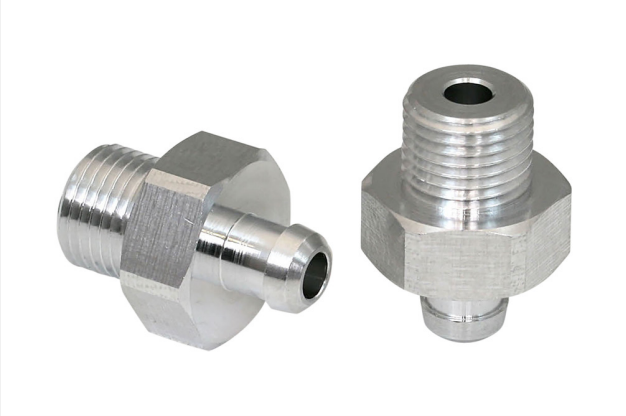


SPI 14 PEEK

Part no..:10.01.06.03282

Size: 14
Material: Polyetheretherketon

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

Bellows suction cups (round)

FSGA 14 SI-55 G1/8-AG

Part no..:10.01.06.00384

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FGA 14 SI-55 N016

Part no..:10.01.06.00371

Size: 14
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible
Number of folds: 1.5

Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | schmalz@schmalz.co.in