Bellows suction cups (round)

FSGA 6 NBR-55 M5-IG

Part no..:10.01.06.02998

https://www.schmalz.com/10.01.06.02998

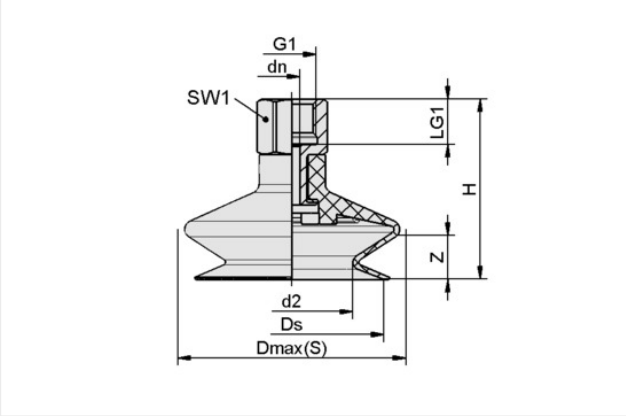
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 6
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Connection: M5-F
- Number of folds: 1.5
- Vacuum connection: M5-F

Design Data



Attribute	Value
d2	3 mm
Dmax(S)	8 mm
dn	2 mm
Ds	5.70 mm
G1	M5-F
H	19 mm
LG1	5.50 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	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Size	6
Number of folds	1.50
Connection	M5-IG
Curve radius (min) (convex)	4 mm
Volume	1.51 cm³

Contact Schmalz
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Bellows suction cups (round)

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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-IG DN200

Part no..:10.01.01.03518

Thread G1: M5-F
Length L1: 14 mm
Fitting length: 10 mm
Material: Aluminum



FGA 6 NBR-55 N004

Part no..:10.01.06.02981

Size: 6
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A
Number of folds: 1.5

Contact Schmalz

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