

Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00113>



FSGB 25 SI-55 G1/8-AG

Part no.: 10.01.06.00113

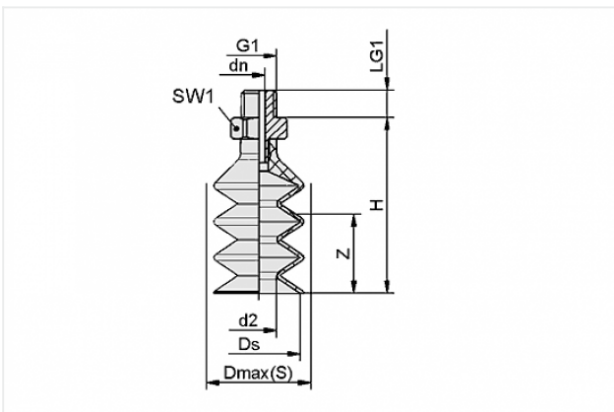
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Bellows suction cup (round) for very uneven workpieces



Size: 25
Suction cup material: Silicone SI
Material hardness: 55 °Sh
Vacuum connection: G1/8-M
Nipple material: Aluminium
Number of folds: 3.5

Design Data



Attribute	Value
d2	10 mm
Dmax(S)	26.5 mm
dn	3.5 mm
Ds	23 mm
G1	G1/8"-M
H	51 mm
LG1	7.5 mm
SW1	14 mm
Z	22 mm

Contact to Schmalz

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Technical Data

Attribute	Value
Pull-off force	20 N
Size	25
Weight	9.8 g
Nipple	N 016
Suction cup material	Silicone SI
Suction force	4.5 N
Internal hose diameter (recom.)	4 mm
Volume	7.071 cm ³
Curve radius (min) (convex)	25 mm
Number of folds	3.5
Product family	FSGB

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- 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

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8-M

Overall length: 20 mm

Fitting length: 6 mm

Nominal size: 3,50 mm

Material: Aluminium

Contact to Schmalz



FGB 25 SI-55 N049

Part no. 10.01.06.00108

Bellows suction cup (round) for very uneven workpieces

Size: 25

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Number of folds: 3.5