

# Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00121>



## FSGA 150 SI-70 G1/2-IG

Part no.: 10.01.06.00121

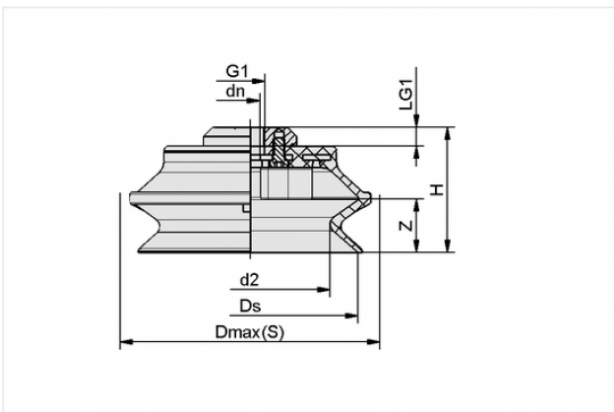
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### Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 150  
Number of folds: 1.5  
Suction cup material: Silicone SI  
Material hardness: 70 °Sh  
Material characteristics:  
FDA-compatible  
Nipple material: Aluminium  
Vacuum connection: G1/2-F

### Design Data



Attribute	Value
dn	13.5 mm
d2	111 mm
Dmax(S)	177 mm
Ds	150 mm
G1	G1/2"-F
H	88.5 mm
LG1	13 mm
Z	37.5 mm

### Technical Data

#### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

Attribute	Value
Suction force	570 N
Pull-off force	1000 N
Volume	800 cm <sup>3</sup>
Curve radius (min) (convex)	250 mm
Internal hose diameter (recom.)	12 mm
Size	150
Nipple	N 010
Suction cup material	Silicone SI
Material hardness	70 °Sh
Weight	801.5 g
Number of folds	1.5
Product family	FSGA

**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 N010 G1/2-IG**

Part no. 10.01.01.00796

Suction-pad connection nipple pre-assembly

Nipple: N 010

Thread 1: G1/2-F

Length: 13 mm

for: Flat suction pad PFG



**FGA 150 SI-70 N010**

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Material hardness: 70 °Sh

Material characteristics:

FDA-compatible

Number of folds: 1.5