

Bellows suction cup SI- HD (round)

<https://www.schmalz.com/10.01.06.03901>



FG 7 SI-HD N016

Part no.: 10.01.06.03901

Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Packaging > Bellows Suction Cups FG SI-HD (2.5 Folds) > FG 7 SI-HD N016

Bellows suction cup (round)for wear-resistant handling



Size: 7

Suction cup material: Silicone SI-HD

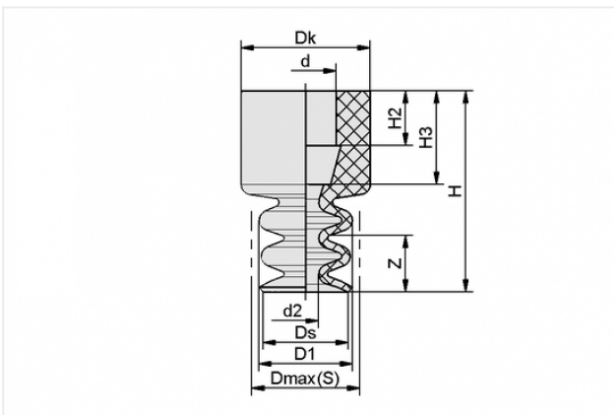
Material hardness: 65 °Sh

Material characteristics:

FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
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d	4.5 mm
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d2	1.8 mm
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D1	6.5 mm
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Dk	9 mm
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Dmax(S)	9 mm
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Ds	5.9 mm
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H	14 mm
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H2	3.8 mm
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H3	6.5 mm
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Z	3 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Suction force	0.1 N
Pull-off force	0.9 N
Volume	0.162 cm ³
Curve radius (min) (convex)	3 mm
Internal hose diameter (recom.)	4 mm
Size	7
Nipple	N 016
Number of folds	2.5
Suction cup material	Silicone SI-HD
Material hardness	65 °Sh
Weight	0.5 g
Product family	FG

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

Accessories

Contact to Schmalz



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



SA-NIP N016 G1/8-IG DN350

Part no. 10.01.06.05731

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8-F

Overall length: 18.5 mm

Fitting length: 12 mm

Nominal size: 3,50 mm

Material: Aluminium



SA-NIP N016 M5-AG DN250

Part no. 10.01.06.00123

Suction cup connection nipple

Nipple: N 016

Thread G1: M5-M

Overall length: 16 mm

Fitting length: 5 mm

Nominal size: 2,50 mm

Material: Aluminium