

# Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00059>



## FG 20 SI-55 N016

Part no.: 10.01.06.00059

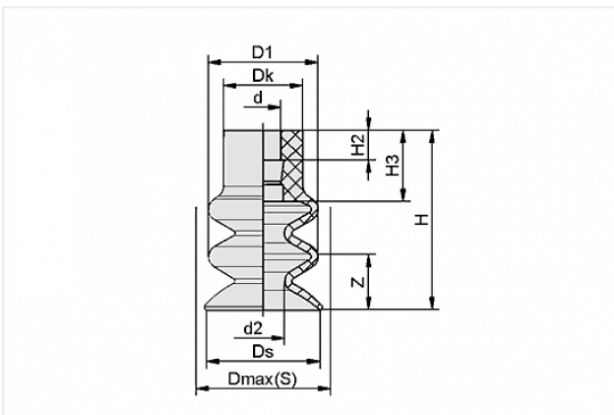
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### Bellows suction cup (round) for very uneven workpieces



Size: 20  
Suction cup material: Silicone SI  
Material hardness: 55 °Sh  
Material characteristics:  
FDA-compatible  
Number of folds: 2.5

### Design Data



Attribute	Value
d	4.5 mm
d2	10.5 mm
D1	20 mm
Dk	10 mm
Dmax(S)	21 mm
Ds	20 mm
H	22.1 mm
H2	3.8 mm
H3	6.5 mm
Z	9 mm

### Contact to Schmalz

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## Technical Data

Attribute	Value
Suction force	5.2 N
Pull-off force	12.1 N
Volume	2.298 cm <sup>3</sup>
Curve radius (min) (convex)	30 mm
Size	20
Nipple	N 016
Number of folds	2.5
Suction cup material	Silicone SI
Material hardness	55 °Sh
Weight	2.3 g
Product family	FG

## Accessories



### 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

## 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