

# Bellows suction cup SI- HD (round)

<https://www.schmalz.com/10.01.06.03442>



## FGA 6 SI-HD N004

Part no.: 10.01.06.03442

Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > FGA 6 SI-HD N004

### Bellows suction cup (round) for wear-resistant Handling surfaces



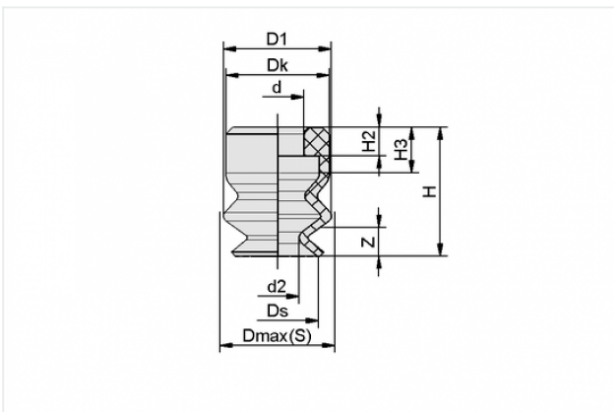
Size: 6

Suction cup material: Silicone SI-HD

Material hardness: 65 °Sh

Number of folds: 1.5

### Design Data



| Attribute | Value |
|-----------|-------|
|-----------|-------|

|   |        |
|---|--------|
| d | 3.7 mm |
|---|--------|

|    |      |
|----|------|
| d2 | 3 mm |
|----|------|

|    |        |
|----|--------|
| D1 | 7.5 mm |
|----|--------|

|    |        |
|----|--------|
| Dk | 7.2 mm |
|----|--------|

|         |      |
|---------|------|
| Dmax(S) | 8 mm |
|---------|------|

|    |        |
|----|--------|
| Ds | 5.7 mm |
|----|--------|

|   |      |
|---|------|
| H | 9 mm |
|---|------|

|    |      |
|----|------|
| H2 | 2 mm |
|----|------|

|    |        |
|----|--------|
| H3 | 3.2 mm |
|----|--------|

|   |      |
|---|------|
| Z | 2 mm |
|---|------|

### Contact to Schmalz

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

## Technical Data

| Attribute                       | Value                 |
|---------------------------------|-----------------------|
| Suction force                   | 0.4 N                 |
| Pull-off force                  | 1.4 N                 |
| Volume                          | 0.188 cm <sup>3</sup> |
| Curve radius (min) (convex)     | 2 mm                  |
| Internal hose diameter (recom.) | 4 mm                  |
| Size                            | 6                     |
| Nipple                          | N 004                 |
| Number of folds                 | 1.5                   |
| Suction cup material            | Silicone SI-HD        |
| Material hardness               | 65 °Sh                |
| Weight                          | 0.2 g                 |
| Product family                  | FGA                   |

## Accessories



### SA-NIP N004 G1/8-AG DN200

Part no. 10.01.01.03528

Suction cup connection nipple

Nipple: N 004

Thread G1: G1/8"-M

Overall length: 17 mm

Fitting length: 5 mm

Nominal size: 2.00 mm

Material: Aluminium

## Contact to Schmalz



**SA-NIP N004 G1/8-IG DN200**

Part no. 10.01.01.03520

Suction cup connection nipple

Nipple: N 004

Thread G1: G1/8"-F

Overall length: 20 mm

Fitting length: 16 mm

Nominal size: 2.00 mm

Material: Aluminium



**SA-NIP N004 M5-AG DN200**

Part no. 10.01.01.03526

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-M

Overall length: 13.5 mm

Fitting length: 5 mm

Nominal size: 2.00 mm

Material: Aluminium



**SA-NIP N004 M5-IG DN200**

Part no. 10.01.01.03518

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-F

Overall length: 14 mm

Fitting length: 10 mm

Nominal size: 2.00 mm

Material: Aluminium