

## Bellows suction cup (round)

FGA 13 PVC-50 N016

Part no.:10.01.06.01549

<https://www.schmalz.com/10.01.06.01549>

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



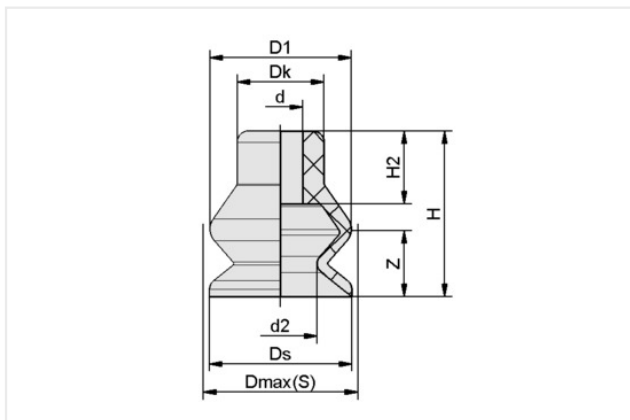
Size: 13

Suction cup material: Polyvinyl chloride PVC

Material hardness [Shore A]: 50 Shore A

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 4 mm     |
| d2         | 6.60 mm  |
| D1         | 12.80 mm |
| Dk         | 7.90 mm  |
| Dmax(S)    | 14.50 mm |
| Ds         | 12.90 mm |
| H          | 15 mm    |
| H2         | 6.60 mm  |
| Z (Stroke) | 5.50 mm  |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 1.70 N               |
| Pull-off force              | 5.50 N               |
| Volume                      | 0.63 cm <sup>3</sup> |
| Curve radius (min) (convex) | 10 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 13                   |
| Nipple family               | N 016                |

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

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|                             |                        |
|-----------------------------|------------------------|
| Number of folds             | 1.50                   |
| Suction cup material        | Polyvinyl chloride PVC |
| Material hardness [Shore A] | 50 Shore A             |
| Weight                      | 0.70 g                 |
| Product family              | FGA                    |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat 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



#### SA-NIP N016 M5-AG DN250

Part no.:10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Material: Aluminum



#### SA-NIP N016 G1/8-AG DN350

Part no.:10.01.06.05735

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

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### SA-NIP N016 G1/8-IG DN350

Part no...:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



### SA-NIP N016 M5-IG DN250

Part no...:10.01.06.03384

Thread G1: M5-F

Fitting length: 10 mm

Material: Aluminum



### SA-NIP N016 G1/8-AG DN310

Part no...:10.01.06.04062

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel

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### SA-NIP N016 M5-AG DN250

Part no...:10.01.06.04365

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



### SA-NIP N016 M5-IG DN310

Part no...:10.01.06.04689

Nipple family: N 016

Thread G1: M5-F

Length L1: 16 mm

Fitting length: 10 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



### SA-NIP N016 G1/8-IG DN310

Part no...:10.01.06.04690

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.1 mm

Material: Aust. Stainless steel

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