# Bellows suction cup (round)

https://www.schmalz.com/10.01.06.03720

## FSG 3 SI-AS-55 M5-AG

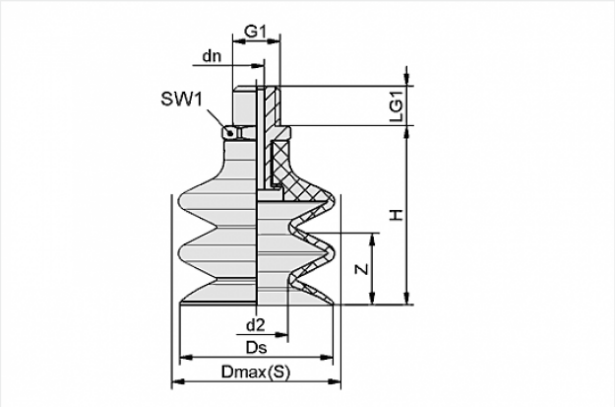
Part no.: 10.01.06.03720



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

Size: 3
Suction cup material:
Silicone SI-antistatisch
Material hardness: 55 °Sh
Material property: non-marking
Nipple material: Aluminium
Vacuum connection: M5-M
Number of folds: 2.5

### Design Data




| Attribute | Value |
|---|---|
| d2 | 1.8 mm |
| dn | 0.7 mm |
| Dmax(S) | 4 mm |
| Ds | 3 mm |
| G1 | M5-M |
| H | 10.2 mm |
| LG1 | 4.5 mm |
| SW1 | 7 mm |
| Z | 1.1 mm |

## Technical Data

| Attribute | Value |
|---|---|
| Suction force | 0.15 N |
| Pull-off force | 0.4 N |
| Volume | 0.022 cm³ |
| Curve radius (min) (convex) | 4 mm |
| Internal hose diameter (recom.) | 2 mm |
| Size | 3 |
| Number of folds | 2.5 |
| Suction cup material | Silicone SI-antistatisch |
| Material hardness | 55 °Sh |
| Weight | 0.7 g |
| Product family | FSG |

**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
- Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40%
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

## Spare Parts

**SA-NIP N055 M5-AG DN70**

Part no. 10.01.01.13084

Suction cup connection nipple

Nipple: N 055

Thread G1: M5-M

Overall length: 10.7 mm

Fitting length: 3.5 mm

Nominal size: 0.70 mm

Material: Aluminium

**FG 3 SI-AS-55 N055**

Part no. 10.01.06.03707

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Silicone SI-antistatisch

Material hardness: 55 °Sh

Number of folds: 2.5