

## Flat suction cup (round)

PFG 2 SI-55 N003

Part no.:10.01.01.00023

<https://www.schmalz.com/10.01.01.00023>

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### Flat suction cup (round) for smooth or slightly rough surfaces



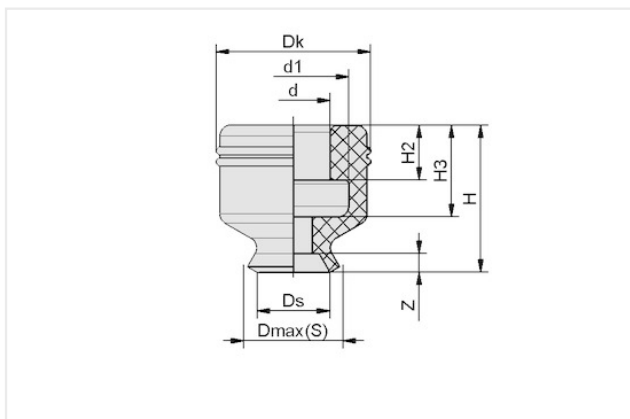
Size: 2

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

### Design Data



| Attribute  | Value   |
|------------|---------|
| d          | 2 mm    |
| d1         | 3 mm    |
| Dk         | 4.20 mm |
| Dmax(S)    | 3 mm    |
| Ds         | 2 mm    |
| H          | 4 mm    |
| H2         | 1.50 mm |
| H3         | 2.50 mm |
| Z (Stroke) | 0.50 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.12 N               |
| Volume                      | 0.01 cm <sup>3</sup> |
| Curve radius (min) (convex) | 2 mm                 |
| Size                        | 2                    |
| Nipple family               | N 003                |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 55 Shore A           |
| Weight                      | 0.10 g               |

### Contact Schmalz

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Product family

PFG

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 N003 M3-AG DN100**

Part no.:10.01.01.00316

Thread G1: M3-M

Length L1: 7.5 mm

Fitting length: 2 mm

Material: Aluminum