

Flat suction cup (round)

## PFG 3.5 SI-CO-55 N003

Art.-Nr.: 10.01.01.00752



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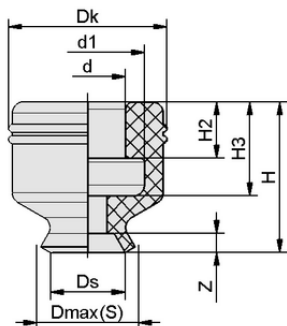
### Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Silicone SI conductive |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 3.50                   |

### Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 1.50 mm |
| Height H             | 4.00 mm |
| Head diameter Dk     | 4.2 mm  |
| Internal diameter d1 | 3.0 mm  |
| Internal diameter d  | 2.00 mm |
| Spring stroke Z      | 0.5 mm  |
| Diameter Ds          | 3.5 mm  |
| Height H3            | 2.50 mm |
| Diameter Dmax(S)     | 4.0 mm  |

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



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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Nipple family                  | N 003                  |
| Suction cup material           | Silicone SI conductive |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Workpiece radius min. (convex) | 7.5 mm                 |
| Suction force (-600mbar)       | 0.42 N                 |
| Volume                         | 0.015 cm <sup>3</sup>  |
| Size                           | 3.50                   |
| Product family                 | PFG                    |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.00752](http://www.schmalz.com/10.01.01.00752)

**Ordering Data Accessories 10.01.01.00752**

| Typ                           | Item number             |
|-------------------------------|-------------------------|
| Suction cup connection nipple | SA-NIP N003 M3-AG DN100 |
|                               | 10.01.01.00316          |

