

Flat suction cup (round)

## SUF 6 SI-55 SC020



Art.-Nr.: 10.01.01.13963



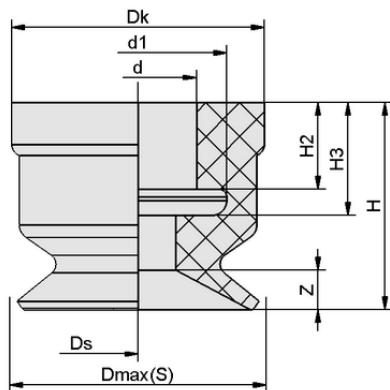
SUF 6 SI-55 SC020

### Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 6.00           |
| Material characteristics    | FDA-compatible |

### Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 2.30 mm |
| Height H             | 5.50 mm |
| Head diameter Dk     | 6.7 mm  |
| Internal diameter d1 | 4.7 mm  |
| Internal diameter d  | 3.10 mm |
| Spring stroke Z      | 0.6 mm  |
| Diameter Ds          | 6.0 mm  |
| Height H3            | 3.00 mm |
| Diameter Dmax(S)     | 6.8 mm  |



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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Silicone SI           |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Workpiece radius min. (convex) | 8.0 mm                |
| Pull-off force                 | 1.40 N                |
| Suction force (-600mbar)       | 1.40 N                |
| Weight                         | 0.15 g                |
| Volume                         | 0.020 cm <sup>3</sup> |
| Size                           | 6.00                  |
| Product family                 | SUF                   |
| Interface nipple family        | SC020                 |

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/10.01.01.13963](http://www.schmalz.com/10.01.01.13963)

**Ordering Data Accessories 10.01.01.13963**

| Typ               |              | Item number    |
|-------------------|--------------|----------------|
| Schmalz-Connector | SC 020 M5-AG | 10.01.06.04273 |
| Schmalz-Connector | SC 020 M5-IG | 10.01.06.04306 |

