

Flat suction cup (round)

# SUF 10 SI-CO-55 SC030



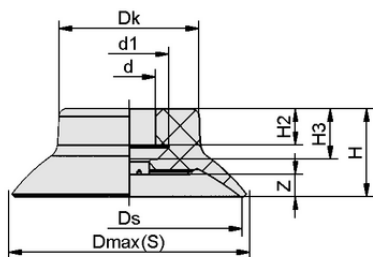
Art.-Nr.: 10.01.01.14029



SUF 10 SI-CO-55 SC030

## Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Silicone SI conductive |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 10.00                  |



## Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 4.30 mm |
| Height H             | 8.40 mm |
| Head diameter Dk     | 9.5 mm  |
| Internal diameter d1 | 7.3 mm  |
| Internal diameter d  | 5.30 mm |
| Spring stroke Z      | 1.0 mm  |
| Diameter Ds          | 10.0 mm |
| Height H3            | 5.80 mm |
| Diameter Dmax(S)     | 11.2 mm |

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[WWW.SCHMALZ.COM/10.01.01.14029](http://WWW.SCHMALZ.COM/10.01.01.14029)

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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Silicone SI conductive |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Workpiece radius min. (convex) | 12.5 mm                |
| Pull-off force                 | 4.00 N                 |
| Suction force (-600mbar)       | 4.00 N                 |
| Weight                         | 0.46 g                 |
| Volume                         | 0.070 cm <sup>3</sup>  |
| Size                           | 10.00                  |
| Product family                 | SUF                    |
| Interface nipple family        | SC030                  |

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/10.01.01.14029](http://www.schmalz.com/10.01.01.14029)

**Ordering Data Accessories 10.01.01.14029**

| Typ               |                | Item number    |
|-------------------|----------------|----------------|
| Schmalz-Connector | SC 030 G1/8-AG | 10.01.06.04288 |
| Schmalz-Connector | SC 030 G1/8-IG | 10.01.06.04307 |

