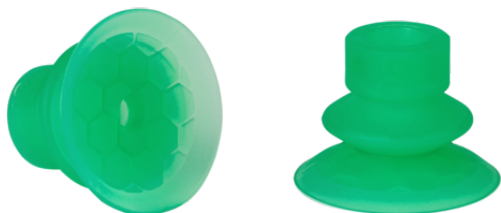
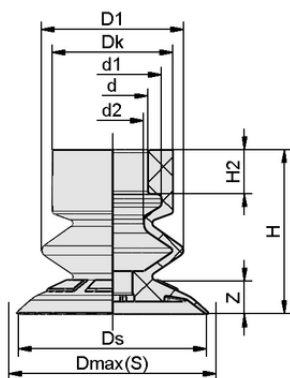


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SFB1 25 SI-55 SC040



Design data SFB1 25 SI-55 SC040

### Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 25.00        |
| Number of folds             | 1.5          |

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 4.70 mm  |
| Height H             | 19.20 mm |
| Outside diameter D1  | 18.8 mm  |
| Head diameter Dk     | 13.0 mm  |
| Internal diameter d1 | 10.4 mm  |
| d2                   | 8.2 mm   |
| Internal diameter d  | 7.50 mm  |
| Spring stroke Z      | 6.5 mm   |
| Diameter Ds          | 25.0 mm  |
| Diameter Dmax(S)     | 26.5 mm  |



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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Nipple family                  | SC 040                |
| Suction cup material           | Silicone SI           |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Workpiece radius min. (convex) | 18.0 mm               |
| Pull-off force                 | 18.50 N               |
| Suction force (-600mbar)       | 3.20 N                |
| Weight                         | 2.0 g                 |
| Volume                         | 1.880 cm <sup>3</sup> |
| Size                           | 25.00                 |
| Number of folds                | 1.5                   |
| Product family                 | SFB1                  |

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/10.01.06.04370](http://www.schmalz.com/10.01.06.04370)

**Ordering Data Accessories 10.01.06.04370**

| Typ               |                | Item number    |
|-------------------|----------------|----------------|
| Schmalz-Connector | SC 040 G1/8-AG | 10.01.06.02490 |
| Schmalz-Connector | SC 040 G1/8-IG | 10.01.06.02482 |

**Ordering Data Spare Parts 10.01.06.04370**

| Typ               |              | Item number    |
|-------------------|--------------|----------------|
| Schmalz-Connector | SC 040 M5-AG | 10.01.06.04346 |

