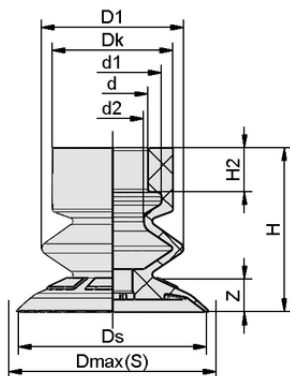




SFB1 30 SI-55 SC040



Design data SFB1 30 SI-55 SC040

### Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 30.00        |
| Number of folds             | 1.5          |

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 4.70 mm  |
| Height H             | 20.40 mm |
| Outside diameter D1  | 22.2 mm  |
| Head diameter Dk     | 13.0 mm  |
| Internal diameter d1 | 10.4 mm  |
| d2                   | 9.9 mm   |
| Internal diameter d  | 7.50 mm  |
| Spring stroke Z      | 8.0 mm   |
| Diameter Ds          | 30.0 mm  |
| Diameter Dmax(S)     | 31.5 mm  |

Art.-Nr.: 10.01.06.04371

**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) | 20.0 mm               |
| Pull-off force                 | 23.70 N               |
| Suction force (-600mbar)       | 4.60 N                |
| Weight                         | 2.8 g                 |
| Volume                         | 2.883 cm <sup>3</sup> |
| Size                           | 30.00                 |
| 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/10.01.06.04371](http://www.schmalz.com/10.01.06.04371)

**Ordering Data Accessories 10.01.06.04371**

| Typ               |                | Item number    |
|-------------------|----------------|----------------|
| Schmalz-Connector | SC 040 G1/4-AG | 10.01.06.03414 |
| Schmalz-Connector | SC 040 G1/4-IG | 10.01.06.02918 |

**Ordering Data Spare Parts 10.01.06.04371**

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

