



SFB1 40 HT1-60 G1/4-AG

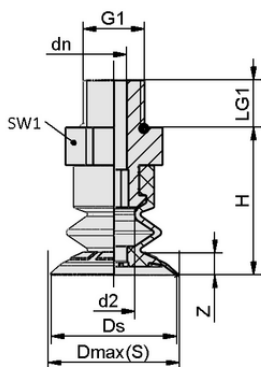
The suction cup SFF / SFB1 (elastomer part + connection nipple) is supplied assembled.

Available spare parts: suction cup SFF / SFB1, connection nipple SC

## Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 40.00                         |

## Design data



Design data SFB1 40 HT1-60 G1/4-AG

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 35.70 mm |
| Nominal diameter dn | 4.10 mm  |
| d2                  | 13.7 mm  |
| Thread length LG1   | 10.0 mm  |
| Key width SW1       | 17.0 mm  |
| Spring stroke Z     | 10.0 mm  |
| Diameter Ds         | 40.0 mm  |
| Diameter Dmax(S)    | 42.0 mm  |
| Thread G1           | G1/4-AG  |

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**Technical data**

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Pull-off force              | 39.90 N                       |
| Suction force (-600mbar)    | 8.80 N                        |
| Volume                      | 7.500 cm <sup>3</sup>         |
| Size                        | 40.00                         |
| 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/10.01.06.04423](http://www.schmalz.com/10.01.06.04423)

**Ordering Data Spare Parts 10.01.06.04423**

| Typ                         |                      | Item number    |
|-----------------------------|----------------------|----------------|
| Bellows suction cup (round) | SFB1 40 HT1-60 SC050 | 10.01.06.04384 |
| Schmalz-Connector           | SC 050 G1/4-AG SW410 | 10.01.06.04347 |

