

Bellows suction cups (round)

# SFB1 40 SI-55 NPT1/4-IG



Art.-Nr.: 10.01.06.05148



SFB1 40 SI-55 NPT1/4-IG

The suction cup SFB1 (elastomer part + connection nipple) is delivered assembled.

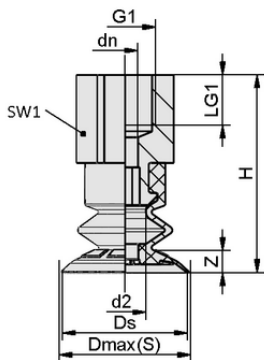
Available spare parts: suction cup SFB1, connection nipple SC

## Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 40.00          |
| Material characteristics    | FDA-compatible |

## Design data

| Attribute           | Value     |
|---------------------|-----------|
| Height H            | 47.00 mm  |
| Nominal diameter dn | 4.10 mm   |
| d2                  | 13.7 mm   |
| Thread length LG1   | 12.0 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           | NPT1/4-IG |



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### Technical data

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction cup material        | Silicone SI           |
| Material hardness [Shore A] | 55.0 Shore A          |
| Pull-off force              | 39.90 N               |
| Suction force (-600mbar)    | 8.80 N                |
| Weight                      | 18.20 g               |
| 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/10.01.06.05148](http://www.schmalz.com/10.01.06.05148)



### Ordering Data Spare Parts 10.01.06.05148

| Typ                         |                      | Item number    |
|-----------------------------|----------------------|----------------|
| Schmalz-Connector           | SC 050 NPT1/4-IG MOD | 10.01.06.04902 |
| Bellows suction cup (round) | SFB1 40 SI-55 SC050  | 10.01.06.04372 |



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