



## Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 25.00                  |

SFB1 25 NBR-ESD-55 G1/8-IG

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

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



## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 33.20 mm |
| Nominal diameter dn | 4.10 mm  |
| Thread length LG1   | 8.0 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 6.5 mm   |
| Diameter Ds         | 25.0 mm  |
| Diameter Dmax(S)    | 26.5 mm  |
| Thread G1           | G1/8-IG  |

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Art.-Nr.: 10.01.06.04795

**Technical data**

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Pull-off force              | 18.50 N                |
| Suction force (-600mbar)    | 3.20 N                 |
| Weight                      | 7.3 g                  |
| Volume                      | 1.900 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/10.01.06.04795](http://www.schmalz.com/10.01.06.04795)

**Ordering Data Spare Parts 10.01.06.04795**

| Typ                         |                          | Item number    |
|-----------------------------|--------------------------|----------------|
| Bellows suction pad (round) | SFB1 25 NBR-ESD-55 SC040 | 10.01.06.04714 |
| Schmalz-Connector           | SC 040 G1/8-IG           | 10.01.06.02482 |

