



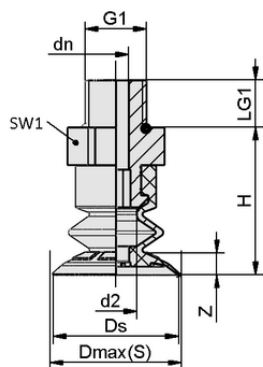
## Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 15.00                  |

SFB1 15 NBR-ESD-55 G1/8-AG

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            | 22.00 mm |
| Nominal diameter dn | 4.10 mm  |
| Thread length LG1   | 7.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 4.0 mm   |
| Diameter Ds         | 15.0 mm  |
| Diameter Dmax(S)    | 16.0 mm  |
| Thread G1           | G1/8-AG  |

Design data SFB1 15 NBR-ESD-55 G1/8-AG

Art.-Nr.: 10.01.06.04790

**Technical data**

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Pull-off force              | 6.10 N                 |
| Suction force (-600mbar)    | 1.00 N                 |
| Weight                      | 5.30 g                 |
| Volume                      | 0.800 cm <sup>3</sup>  |
| Size                        | 15.00                  |
| 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/10.01.06.04790](http://www.schmalz.com/10.01.06.04790)

**Ordering Data Spare Parts 10.01.06.04790**

| Typ                         |                          | Item number    |
|-----------------------------|--------------------------|----------------|
| Bellows suction cup (round) | SFB1 15 NBR-ESD-55 SC040 | 10.01.06.04596 |
| Schmalz-Connector           | SC 040 G1/8-AG           | 10.01.06.02490 |

