



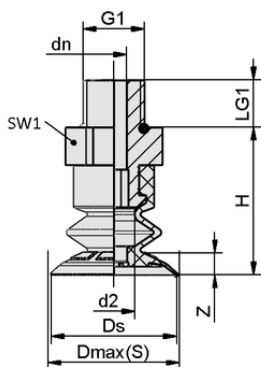
## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | EPDM         |
| Material hardness [Shore A] | 45.0 Shore A |
| Size                        | 20.00        |

SFB1 20 EPDM-45 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            | 23.50 mm |
| Nominal diameter dn | 4.10 mm  |
| d2                  | 6.6 mm   |
| Thread length LG1   | 7.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 5.0 mm   |
| Diameter Ds         | 20.0 mm  |
| Diameter Dmax(S)    | 21.0 mm  |
| Thread G1           | G1/8-AG  |

Design data SFB1 20 EPDM-45 G1/8-AG

Art.-Nr.: 10.01.06.04404

**Technical data**

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction cup material        | EPDM                  |
| Material hardness [Shore A] | 45.0 Shore A          |
| Pull-off force              | 10.50 N               |
| Suction force (-600mbar)    | 2.10 N                |
| Volume                      | 1.200 cm <sup>3</sup> |
| Size                        | 20.00                 |
| 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/10.01.06.04404](http://www.schmalz.com/10.01.06.04404)

**Ordering Data Spare Parts 10.01.06.04404**

| Typ                         |                       | Item number    |
|-----------------------------|-----------------------|----------------|
| Bellows suction pad (round) | SFB1 20 EPDM-45 SC040 | 10.01.06.04375 |
| Schmalz-Connector           | SC 040 G1/8-AG        | 10.01.06.02490 |

