

Art.-Nr.: 10.01.06.02427

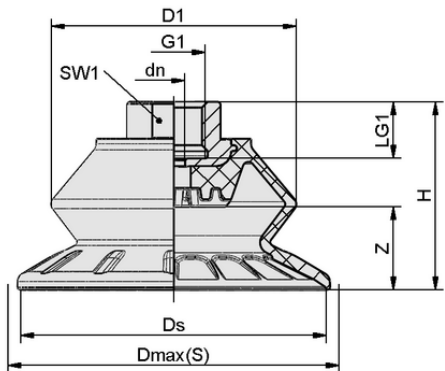


**Technical data**

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT2 |
| Material hardness [Shore A] | 65.0 Shore A                  |
| Size                        | 40.00                         |
| Temperature resistance      | 200.0 °C                      |
| Number of folds             | 1.5                           |
| Connection                  | G1/4-IG                       |
| Nipple material             | Aluminum                      |

SAB 40 HT2-65 G1/4-IG

Suction cup SAB HT2, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.



**Design data**

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 29.00 mm |
| Outside diameter D1 | 32.0 mm  |
| Nominal diameter dn | 4.00 mm  |
| Thread G1           | G1/4"-F  |
| Thread length LG1   | 12.0 mm  |
| Key width SW1       | 17.0 mm  |
| Spring stroke Z     | 9.8 mm   |
| Diameter Ds         | 40.1 mm  |
| Diameter Dmax(S)    | 45.0 mm  |

Design data SAB 40 HT2-65 G1/4-IG



Art.-Nr.: 10.01.06.02427

**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT2 |
| Material hardness [Shore A]    | 65.0 Shore A                  |
| Hose inner diameter (recom.) d | 4.0 mm                        |
| Workpiece radius min. (convex) | 40.0 mm                       |
| Pull-off force                 | 59.00 N                       |
| Suction force (-600mbar)       | 38.00 N                       |
| Weight                         | 17.8 g                        |
| Lateral force                  | 34.0 N                        |
| Volume                         | 8.680 cm <sup>3</sup>         |
| Size                           | 40.00                         |
| Number of folds                | 1.5                           |
| Connection                     | G1/4"-F                       |
| Product family                 | SAB                           |

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/10.01.06.02427](http://www.schmalz.com/10.01.06.02427)

