

Bellows suction cup HT2 (round)

## SAB 22 HT2-65 G1/4-IG



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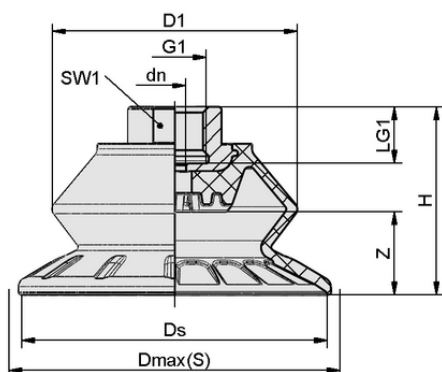


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Suction cup SAB HT2, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.

### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT2 |
| Material hardness [Shore A] | 65.0 Shore A                  |
| Size                        | 22.00                         |
| Temperature resistance      | 200.0 °C                      |
| Number of folds             | 1.5                           |
| Connection                  | G1/4-IG                       |
| Nipple material             | Aluminum                      |



Design data SAB 22 HT2-65 G1/4-IG

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 25.00 mm |
| Outside diameter D1 | 22.0 mm  |
| Nominal diameter dn | 3.50 mm  |
| Thread G1           | G1/4"-F  |
| Thread length LG1   | 12.0 mm  |
| Key width SW1       | 16.0 mm  |
| Spring stroke Z     | 5.8 mm   |
| Diameter Ds         | 20.6 mm  |
| Diameter Dmax(S)    | 24.0 mm  |



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**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) | 20.0 mm                       |
| Pull-off force                 | 24.00 N                       |
| Suction force (-600mbar)       | 16.00 N                       |
| Weight                         | 10.4 g                        |
| Lateral force                  | 17.0 N                        |
| Volume                         | 1.500 cm <sup>3</sup>         |
| Size                           | 22.00                         |
| 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/10.01.06.02419](http://www.schmalz.com/10.01.06.02419)

