

Flat suction cup (oval)

# SAOF 60x23 HT2-65 RA

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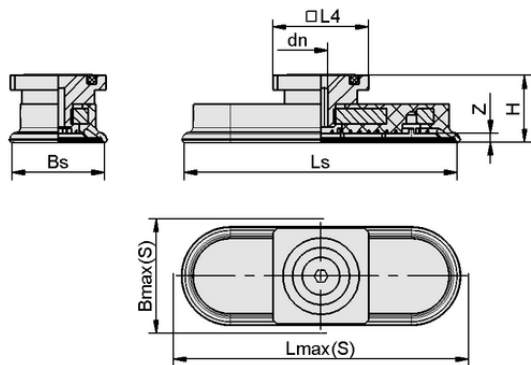


## Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT2 |
| Material hardness [Shore A] | 65.0 Shore A                  |
| Dimension (LxW)             | 60 x 23                       |
| Connection                  | RA                            |
| Nipple material             | Aluminum                      |

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Suction cup SAOF HT2, available in various dimensions, is delivered with connection nipple glued to elastomer part.



## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H             | 21.00 mm |
| Nominal diameter dn  | 4.00 mm  |
| Spring stroke Z      | 3.0 mm   |
| Length L4            | 32.00 mm |
| Suction cup width Bs | 21.60 mm |
| Ls                   | 60.60 mm |
| Lmax.(S)             | 64.00 mm |
| Bmax(S)              | 25.00 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                       |
| Suction force (-600mbar)       | 57.00 N                       |
| Weight                         | 33.50 g                       |
| Dimension (LxW)                | 60 x 23                       |
| Lateral force                  | 37.0 N                        |
| Volume                         | 3.890 cm <sup>3</sup>         |
| Temperature resistance         | 200.0 °C                      |
| Number of folds                | 0.0                           |
| Connection                     | Rectangular adapter           |
| Product family                 | SAOF                          |

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/10.01.05.00847](http://www.schmalz.com/10.01.05.00847)

