

Flat suction cup (oval)

## SGON 75x25 HT1-60 G1/4-AG



Art.-Nr.: 10.01.05.00413



### Technical data

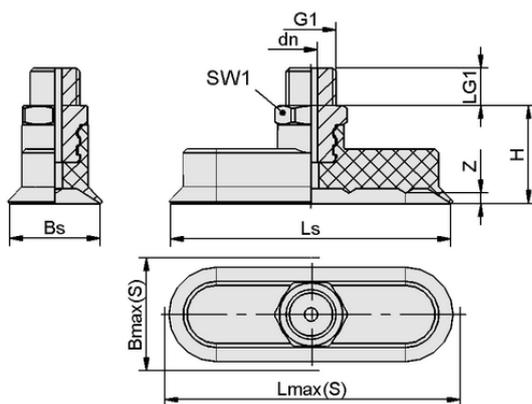
|                             |                               |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Connection                  | G 1/4" -M                     |
| Dimension (LxW)             | 75x25                         |
| Nipple material             | Aluminum                      |
| Material property           | non-marking                   |

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Suction cup SGON (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type SGO – elastomer part, available in various dimensions (LxW) and materials
- Connection nipple of type SA-NIP – available with various threads
- Cups of the size 24 x 8 mm and larger are delivered with a two-ear clamp

Available spare parts: suction cup SGO, connection nipple SA-NIP, two-ear clamp



Design data SGON 75x25 HT1-60 G1/4-AG

### Design data

|                      |           |
|----------------------|-----------|
| Height H             | 26.00 mm  |
| Nominal diameter dn  | 3.50 mm   |
| Thread G1            | G 1/4" -M |
| Thread length LG1    | 10.0 mm   |
| Key width SW1        | 17.0 mm   |
| Spring stroke Z      | 2.8 mm    |
| Suction cup width Bs | 25.00 mm  |
| Ls                   | 75.00 mm  |
| Lmax.(S)             | 77.00 mm  |
| Bmax(S)              | 27.50 mm  |

Note: Acceptable dimensional tolerances for rubber parts concerning to DIN ISO 3302-1 M3.



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**Technical data**

|                                |                               |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 6.0 mm                        |
| Workpiece radius min. (convex) | 30.0 mm                       |
| Suction force (-600mbar)       | 78.30 N                       |
| Weight                         | 26.90 g                       |
| Volume                         | 5.860 cm <sup>3</sup>         |
| Number of folds                | 0.0                           |
| Product family                 | SGON                          |
| Dimension (LxW)                | 75x25                         |

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

**Ordering Data Spare Parts 10.01.05.00413**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N023 G1/4-AG DN350 | 10.01.05.00122 |
| Suction cup connection nipple | SA-NIP N023 G1/4-IG DN350 | 10.01.05.00121 |
| Two-ear clamp                 | ZOKL 15-18                | 10.07.10.00033 |

**Ordering Data Wear Parts 10.01.05.00413**

| Typ                     |                       | Item number    |
|-------------------------|-----------------------|----------------|
| Flat suction cup (oval) | SGO 75x25 HT1-60 N023 | 10.01.05.00441 |

