

Art.-Nr.: 10.01.05.00102

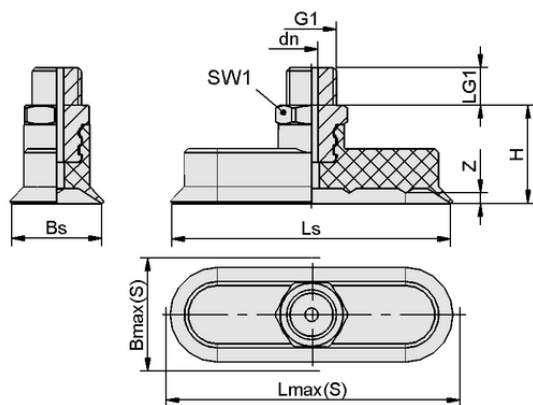


SGON 24x8 NBR-55 G1/8-AG

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 24x8 NBR-55 G1/8-AG

### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Connection                  | G1/8"-M            |
| Dimension (LxW)             | 24x8               |
| Nipple material             | Aluminum           |

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H             | 17.00 mm |
| Nominal diameter dn  | 1.50 mm  |
| Thread G1            | G1/8"-M  |
| Thread length LG1    | 8.0 mm   |
| Key width SW1        | 14.0 mm  |
| Spring stroke Z      | 1.0 mm   |
| Suction cup width Bs | 8.00 mm  |
| Ls                   | 24.00 mm |
| Lmax.(S)             | 24.50 mm |
| Bmax(S)              | 9.00 mm  |

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



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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Nitrile rubber NBR    |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Hose inner diameter (recom.) d | 4.0 mm                |
| Workpiece radius min. (convex) | 7.5 mm                |
| Suction force (-600mbar)       | 8.00 N                |
| Weight                         | 6.7 g                 |
| Dimension (LxW)                | 24 x 8                |
| Volume                         | 0.327 cm <sup>3</sup> |
| Number of folds                | 0.0                   |
| Product family                 | SGON                  |

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/10.01.05.00102](http://www.schmalz.com/10.01.05.00102)

**Ordering Data Spare Parts 10.01.05.00102**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N022 G1/8-AG DN350 | 10.01.05.00124 |
| Suction cup connection nipple | SA-NIP N022 G1/8-IG DN350 | 10.01.05.00123 |
| Two-ear clamp                 | ZOKL 11-13                | 10.07.10.00032 |

**Ordering Data Wear Parts 10.01.05.00102**

| Typ                     |                      | Item number    |
|-------------------------|----------------------|----------------|
| Flat suction cup (oval) | SGO 24x8 NBR-55 N022 | 10.01.05.00151 |
| Two-ear clamp           | ZOKL 11-13           | 10.07.10.00032 |

