

Flat suction cup (oval)

## SGO 30x10 NBR-55 N022

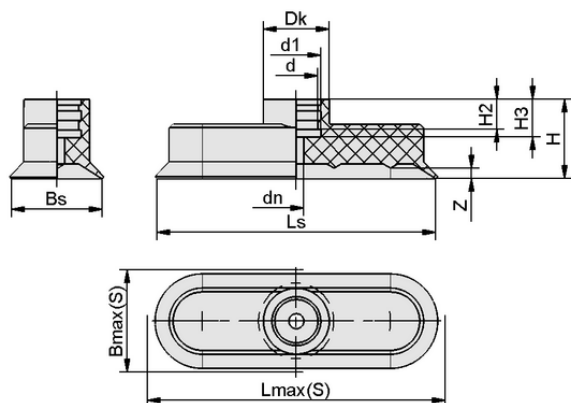
Art.-Nr.: 10.01.05.00152



SGO 30x10 NBR-55 N022

### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Dimension (LxW)             | 30 x 10            |



Design data SGO 30x10 NBR-55 N022

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 3.00 mm  |
| Height H             | 12.00 mm |
| Head diameter Dk     | 11.5 mm  |
| Nominal diameter dn  | 2.50 mm  |
| Internal diameter d1 | 7.0 mm   |
| Internal diameter d  | 5.50 mm  |
| Spring stroke Z      | 1.5 mm   |
| Height H3            | 5.50 mm  |
| Suction cup width Bs | 9.40 mm  |
| Ls                   | 29.40 mm |

Note: Acceptable dimensional tolerances for elastomer 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       |
| Suction force (-600mbar)    | 12.20 N            |
| Weight                      | 2.8 g              |
| Dimension (LxW)             | 30 x 10            |
| Product family              | SGO                |

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/10.01.05.00152](http://www.schmalz.com/10.01.05.00152)

**Ordering Data Accessories 10.01.05.00152**

| 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 |

