

Flat suction cup (oval)

## SGO 7x3.5 NBR-CO-55 N003

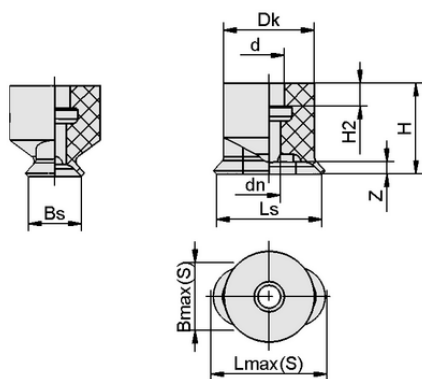
Art.-Nr.: 10.01.05.00224



SGO 7x3.5 NBR-CO-55 N003

### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | Nitrile rubber NBR-conductive |
| Material hardness [Shore A] | 55.0 Shore A                  |
| Dimension (LxW)             | 7 x 3.5                       |



### Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 1.50 mm |
| Height H             | 6.00 mm |
| Head diameter Dk     | 6.0 mm  |
| Nominal diameter dn  | 1.50 mm |
| Internal diameter d  | 1.50 mm |
| Spring stroke Z      | 0.8 mm  |
| Suction cup width Bs | 3.50 mm |
| Ls                   | 7.00 mm |
| Lmax.(S)             | 7.50 mm |
| Bmax(S)              | 4.50 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-conductive |
| Material hardness [Shore A] | 55.0 Shore A                  |
| Suction force (-600mbar)    | 1.00 N                        |
| Weight                      | 0.1 g                         |
| Dimension (LxW)             | 7 x 3.5                       |
| 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/10.01.05.00224](http://www.schmalz.com/10.01.05.00224)



### Ordering Data Accessories 10.01.05.00224

| Typ                           |                         | Item number    |
|-------------------------------|-------------------------|----------------|
| Suction cup connection nipple | SA-NIP N003 M3-AG DN100 | 10.01.01.00316 |



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