

Flat suction cup (oval)

## SGO 12x4 SI-HD-65 N020



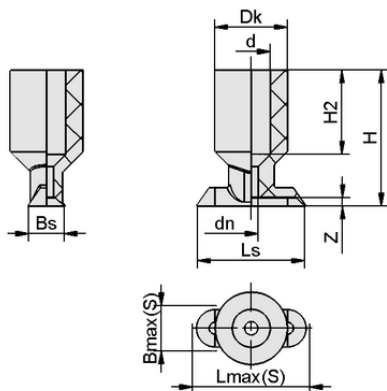
Art.-Nr.: 10.01.01.00222



SGO 12x4 SI-HD-65 N020

### Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI-HD |
| Material hardness [Shore A] | 65.0 Shore A   |
| Dimension (LxW)             | 12 x 4         |



Design data SGO 12x4 SI-HD-65 N020

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 9.30 mm  |
| Height H             | 15.00 mm |
| Head diameter Dk     | 8.0 mm   |
| Nominal diameter dn  | 1.50 mm  |
| Internal diameter d  | 4.20 mm  |
| Spring stroke Z      | 0.5 mm   |
| Suction cup width Bs | 4.00 mm  |
| Ls                   | 12.00 mm |
| Lmax.(S)             | 13.00 mm |
| Bmax(S)              | 5.00 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        | Silicone SI-HD |
| Material hardness [Shore A] | 65.0 Shore A   |
| Suction force (-600mbar)    | 1.80 N         |
| Weight                      | 0.5 g          |
| Dimension (LxW)             | 12 x 4         |
| 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/10.01.01.00222](http://www.schmalz.com/10.01.01.00222)



### Ordering Data Accessories 10.01.01.00222

| Typ                           |                         | Item number    |
|-------------------------------|-------------------------|----------------|
| Suction cup connection nipple | SA-NIP N020 M5-AG DN180 | 10.01.01.00312 |



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