

Flat suction cup (round)

# SGA 9 SI-55 N028



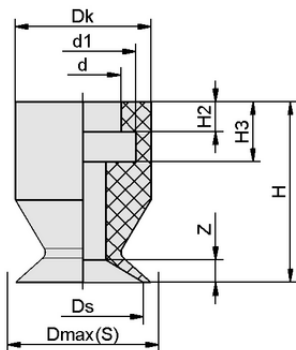
Art.-Nr.: 10.01.01.00348



SGA 9 SI-55 N028

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 9.00         |



Design data SGA 9 SI-55 N028

## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 2.00 mm  |
| Height H             | 12.00 mm |
| Head diameter Dk     | 9.0 mm   |
| Internal diameter d1 | 7.0 mm   |
| Internal diameter d  | 5.00 mm  |
| Spring stroke Z      | 1.5 mm   |
| Diameter Ds          | 8.0 mm   |
| Height H3            | 4.00 mm  |
| Diameter Dmax(S)     | 9.0 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           |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Workpiece radius min. (convex) | 10.0 mm               |
| Suction force (-600mbar)       | 2.10 N                |
| Weight                         | 0.4 g                 |
| Volume                         | 0.200 cm <sup>3</sup> |
| Size                           | 9.00                  |
| Number of folds                | 0.0                   |
| Product family                 | SGA                   |

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/10.01.01.00348](http://www.schmalz.com/10.01.01.00348)

**Ordering Data Accessories 10.01.01.00348**

| Typ                           |                         | Item number    |
|-------------------------------|-------------------------|----------------|
| Suction cup connection nipple | SA-NIP N028 M5-AG DN200 | 10.01.01.00753 |
| Suction cup connection nipple | SA-NIP N028 M5-IG DN200 | 10.01.01.00813 |

