

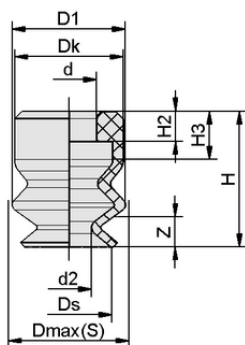
Art.-Nr.: 10.01.06.01571



FGA 6 SI-55 N004

### Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 6.00           |
| Number of folds             | 1.5            |
| Material characteristics    | FDA-compatible |



Design data FGA 6 SI-55 N004

### Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 2.00 mm |
| Height H             | 9.00 mm |
| Outside diameter D1  | 7.5 mm  |
| Head diameter Dk     | 7.2 mm  |
| Internal diameter d1 | 5.8 mm  |
| d2                   | 3.0 mm  |
| Internal diameter d  | 3.70 mm |
| Spring stroke Z      | 2.0 mm  |
| Diameter Ds          | 5.7 mm  |
| Height H3            | 3.20 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 |
| Workpiece radius min. (convex) | 2.0 mm      |
| Suction force (-600mbar)       | 0.40 N      |
| Weight                         | 0.2 g       |
| Size                           | 6.00        |
| Number of folds                | 1.5         |
| Product family                 | FGA         |

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/10.01.06.01571](http://www.schmalz.com/10.01.06.01571)

**Ordering Data Accessories 10.01.06.01571**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N004 G1/8-AG DN200 | 10.01.01.03528 |
| Suction cup connection nipple | SA-NIP N004 G1/8-IG DN200 | 10.01.01.03520 |
| Suction cup connection nipple | SA-NIP N004 M5-AG DN200   | 10.01.01.03526 |
| Suction cup connection nipple | SA-NIP N004 M5-IG DN200   | 10.01.01.03518 |
| Schmalz Pad Insert PEEK       | SPI 6 PEEK                | 10.01.06.03279 |

