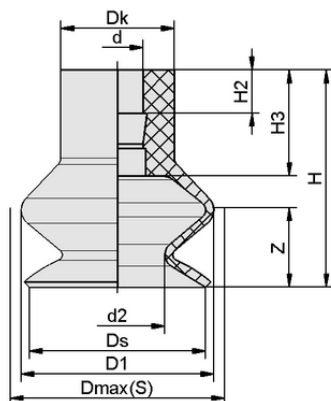




FGA 22 NBR-55 N016

## Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 22.00              |
| Number of folds             | 1.5                |



Design data FGA 22 NBR-55 N016

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H2           | 3.80 mm  |
| Height H            | 19.00 mm |
| Outside diameter D1 | 24.2 mm  |
| Head diameter Dk    | 10.0 mm  |
| d2                  | 11.7 mm  |
| Internal diameter d | 4.50 mm  |
| Spring stroke Z     | 6.0 mm   |
| Diameter Ds         | 21.5 mm  |
| Height H3           | 9.10 mm  |
| Diameter Dmax(S)    | 25.0 mm  |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Art.-Nr.: 10.01.06.00097

**Technical data**

| Attribute                      | Value              |
|--------------------------------|--------------------|
| Suction cup material           | Nitrile rubber NBR |
| Workpiece radius min. (convex) | 25.0 mm            |
| Suction force (-600mbar)       | 5.70 N             |
| Weight                         | 2.10 g             |
| Size                           | 22.00              |
| 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/10.01.06.00097](http://www.schmalz.com/10.01.06.00097)

**Ordering Data Accessories 10.01.06.00097**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N016 G1/8-AG DN350 | 10.01.06.05735 |
| Suction cup connection nipple | SA-NIP N016 G1/8-IG DN350 | 10.01.06.05731 |
| Suction cup connection nipple | SA-NIP N016 M5-AG DN250   | 10.01.06.00123 |
| Schmalz Pad Insert PEEK       | SPI 21 PEEK               | 10.01.06.03285 |

