

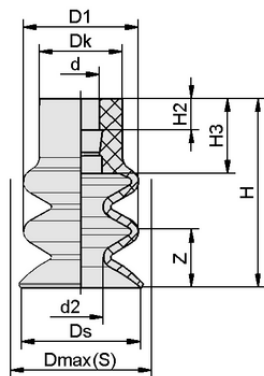
Art.-Nr.: 10.01.06.01063



FG 14 SI-55 N016 SO

### Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 14.00          |
| Number of folds             | 2.5            |
| Material characteristics    | FDA-compatible |



Design data FG 14 SI-55 N016 SO

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H2           | 9.30 mm  |
| Height H            | 18.50 mm |
| Outside diameter D1 | 13.7 mm  |
| Head diameter Dk    | 10.0 mm  |
| d2                  | 8.7 mm   |
| Internal diameter d | 5.00 mm  |
| Spring stroke Z     | 4.0 mm   |
| Diameter Ds         | 13.7 mm  |
| Height H3           | 9.30 mm  |
| Diameter Dmax(S)    | 14.5 mm  |

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

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**Technical data**

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Nipple family               | N 016                 |
| Suction cup material        | Silicone SI           |
| Material hardness [Shore A] | 55.0 Shore A          |
| Pull-off force              | 5.00 N                |
| Suction force (-600mbar)    | 3.57 N                |
| Volume                      | 0.869 cm <sup>3</sup> |
| Size                        | 14.00                 |
| Number of folds             | 2.5                   |
| Product family              | FG                    |

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/10.01.06.01063](http://www.schmalz.com/10.01.06.01063)

**Ordering Data Accessories 10.01.06.01063**

| 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 |
| Suction cup connection nipple | SA-NIP N016 M5-IG DN250   | 10.01.06.03384 |

