

Art.-Nr.: 10.01.06.04231



FGA 2 NBR-55 N003

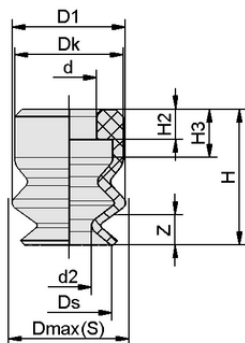
### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 2.00               |
| Number of folds             | 1.5                |

### Design data

| Attribute            | Value   |
|----------------------|---------|
| Height H2            | 1.50 mm |
| Height H             | 4.50 mm |
| Outside diameter D1  | 3.3 mm  |
| Head diameter Dk     | 4.0 mm  |
| Internal diameter d1 | 3.0 mm  |
| d2                   | 1.3 mm  |
| Internal diameter d  | 2.00 mm |
| Spring stroke Z      | 1.0 mm  |
| Diameter Ds          | 1.9 mm  |
| Height H3            | 2.30 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           | Nitrile rubber NBR |
| Workpiece radius min. (convex) | 1.0 mm             |
| Suction force (-600mbar)       | 0.08 N             |
| Weight                         | 0.0 g              |
| Size                           | 2.00               |
| 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/10.01.06.04231](http://www.schmalz.com/10.01.06.04231)

