

## Bellows suction cup (round)

FG 3 NBR-55 N055

Part no...:10.01.06.03704

<https://www.schmalz.ru/10.01.06.03704>

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### Bellows suction cup (round) for very uneven workpieces



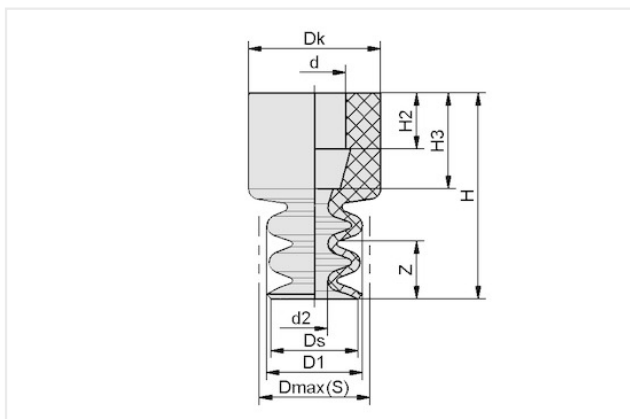
Size: 3

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Number of folds: 2.5

### Design Data



| Attribute  | Value   |
|------------|---------|
| d          | 1.70 mm |
| d1         | 2.30 mm |
| d2         | 1.80 mm |
| D1         | 3.60 mm |
| Dk         | 3.60 mm |
| Dmax(S)    | 4 mm    |
| Ds         | 3 mm    |
| H          | 6.70 mm |
| H2         | 2.10 mm |
| H3         | 2.70 mm |
| Z (Stroke) | 1.10 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.15 N               |
| Pull-off force              | 0.40 N               |
| Volume                      | 0.02 cm <sup>3</sup> |
| Curve radius (min) (convex) | 4 mm                 |
| Hose diameter (rec.) d      | 2 mm                 |
| Size                        | 3                    |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bldg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

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|                             |                    |
|-----------------------------|--------------------|
| Nipple family               | N 055              |
| Number of folds             | 2.50               |
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55 Shore A         |
| Product family              | FG                 |