

## Bellows suction cups (round)

FSGB 25 NBR-55 G1/8-IG

Part no.:10.01.06.00110

<https://www.schmalz.com/10.01.06.00110>

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



Size: 25

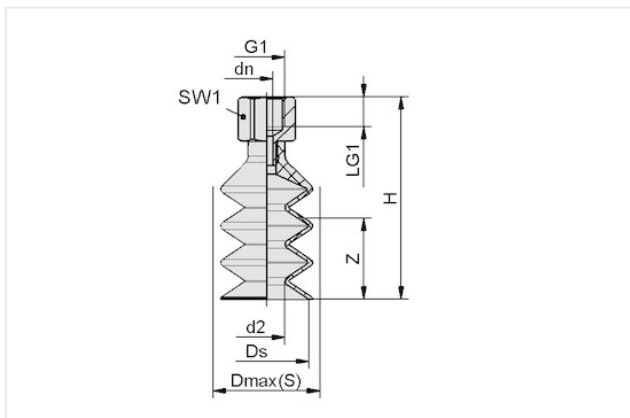
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Number of folds: 3.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 10 mm    |
| Dmax(S)    | 26.50 mm |
| dn         | 3.50 mm  |
| Ds         | 23 mm    |
| G1         | G1/8"-F  |
| H          | 57 mm    |
| LG1        | 8.50 mm  |
| SW1        | 14 mm    |
| Z (Stroke) | 22 mm    |

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

### Technical Data

| Attribute                | Value              |
|--------------------------|--------------------|
| Pull-off force           | 20 N               |
| Size                     | 25                 |
| Weight                   | 9.70 g             |
| Nipple family            | N 049              |
| Suction cup material     | Nitrile rubber NBR |
| Suction force (-600mbar) | 4.50 N             |
| Hose diameter (rec.) d   | 4 mm               |

### Contact Schmalz

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|                             |                      |
|-----------------------------|----------------------|
| Volume                      | 7.07 cm <sup>3</sup> |
| Curve radius (min) (convex) | 25 mm                |
| Product family              | FSGB                 |
| Number of folds             | 3.50                 |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Spare parts



#### SA-NIP N049 G1/8-IG DN300

Part no.:10.01.06.04451

Nipple family: N 049

Thread G1: G1/8"-F

Length L1: 21 mm

Fitting length: 12 mm

Nominal diameter dn: 3 mm

Material: Aluminum



#### FGB 25 NBR-55 N049

Part no.:10.01.06.00109

Size: 25

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Number of folds: 3.5