

## Bell suction cup (round)

### FSG 4 NBR-55 M5-IG

Part no.:10.01.06.02965

<https://www.schmalz.com/10.01.06.02965>

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Suction Cups FSG (2.5 Folds) > FSG 4 NBR-55 M5-IG

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



Size: 4

Suction cup material:

Nitrile rubber NBR

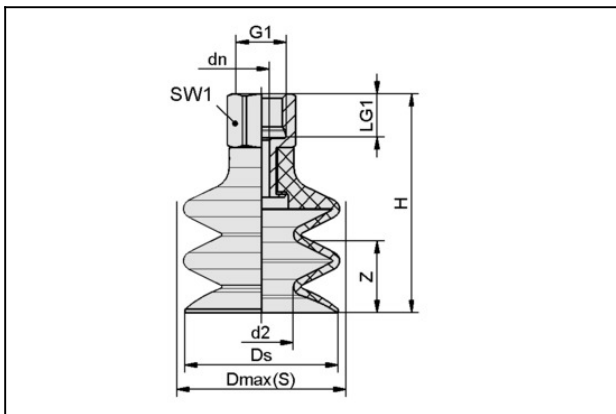
Material hardness: 55 °Sh

Nipple material: Aluminium

Vacuum connection: M5-F

Number of folds: 2.5

## Design Data



### Attribute

### Value

d2 2.4 mm

dn 2 mm

Dmax(S) 7 mm

Ds 3.8 mm

G1 M5-IG

H 24 mm

LG1 5.5 mm

SW1 8 mm

Z (Stroke) 1.5 mm

## Technical Data

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| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction cup material        | Nitrile rubber NBR    |
| Material hardness [Shore A] | 55 Shore A            |
| Size                        | 4                     |
| Number of folds             | 2.5                   |
| Connection                  | M5-IG                 |
| Curve radius (min) (convex) | 4 mm                  |
| Volume                      | 0.053 cm <sup>3</sup> |
| Suction force (-600mbar)    | 0.27 N                |
| Pull-off force              | 0.6 N                 |
| Hose diameter (empf.) d     | 2 mm                  |
| Weight                      | 1.8 g                 |
| Product family              | FSG                   |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

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## Spare Parts



### SA-NIP N017 M5-IG DN200

Part no.10.01.06.00313

Suction cup connection nipple

Nipple: N 017

Thread G1: M5-F

Overall length: 17 mm

Fitting length: 10 mm

Nominal size: 2.00 mm

Material: Aluminium

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### **FG 4 NBR-55 N017**

Part no.10.01.06.02962

Bellows suction cup (round) for very uneven workpieces

Size: 4

Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

Number of folds: 2.5