

## Bell suction cup (round) FSGA 11 NBR-55 G1/8-AG

Part no.:10.01.06.00075

<https://www.schmalz.com/10.01.06.00075>



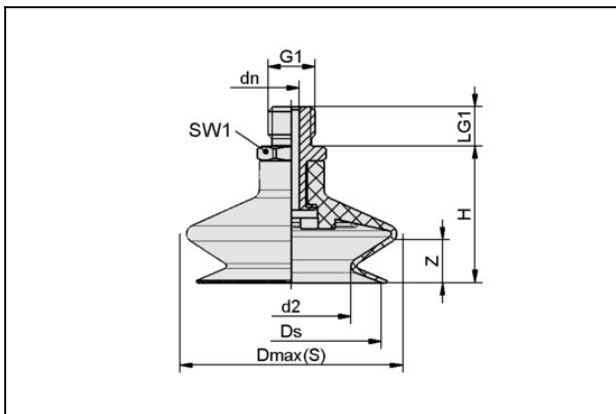
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### Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 11  
Number of folds: 1.5  
Suction cup material:  
Nitrile rubber NBR  
Material hardness: 55 °Sh  
Nipple material: Aluminium  
Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 5.1 mm   |
| Dmax(S)    | 13 mm    |
| dn         | 3.5 mm   |
| Ds         | 10.4 mm  |
| G1         | G1/8"-AG |
| H          | 22 mm    |
| LG1        | 7.5 mm   |
| SW1        | 14 mm    |
| Z (Stroke) | 4 mm     |

### Technical Data

[Contact to Schmalz](#)

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### FSGA 11 NBR-55 G1/8-AG

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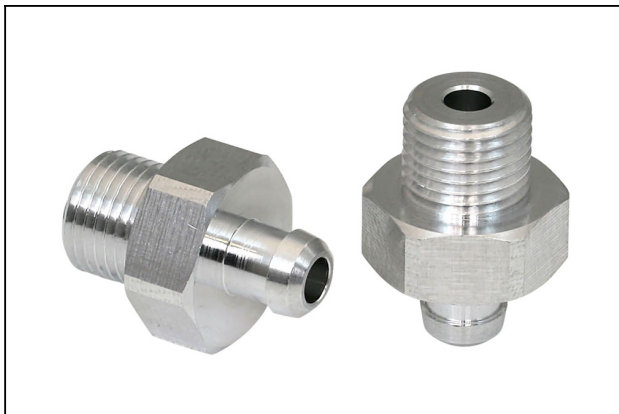
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| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction cup material        | Nitrile rubber NBR    |
| Material hardness [Shore A] | 55 Shore A            |
| Size                        | 11                    |
| Number of folds             | 1.5                   |
| Connection                  | G1/8-AG               |
| Curve radius (min) (convex) | 10 mm                 |
| Volume                      | 0.225 cm <sup>3</sup> |
| Suction force (-600mbar)    | 0.95 N                |
| Pull-off force              | 3.8 N                 |
| Hose diameter (empf.) d     | 4 mm                  |
| Weight                      | 4.7 g                 |
| Product family              | FSGA                  |

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

## Spare Parts



### SA-NIP N016 G1/8-AG DN350

Part no.10.01.06.05735

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8"-M

Overall length: 20 mm

Fitting length: 6 mm

Nominal size: 3,50 mm

Material: Aluminium

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### FGA 11 NBR-55 N016

Part no.10.01.06.00095

Bellows suction cup (round) with optimal adaptation to uneven surfaces

Size: 11

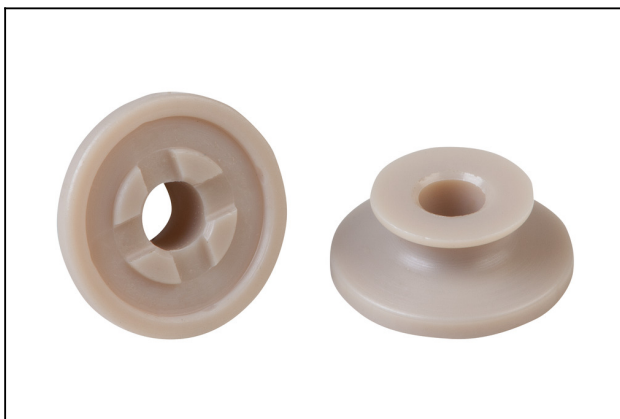
Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

Number of folds: 1.5

## Accessories



### SPI 11 PEEK

Part no.10.01.06.03281

Suction cup insert for handling of sensitive workpieces without leaving marks

Size: 11

Material: Polyetheretherketon