

## Bellows suction cups (round)

FSGA 150 NBR-70 G1/2-IG

Part no.:10.01.06.00120

<https://www.schmalz.com/10.01.06.00120>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) from Ø 110 mm > FSGA 150 NBR-70 G1/2-IG

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



Size: 150

Number of folds: 1.5

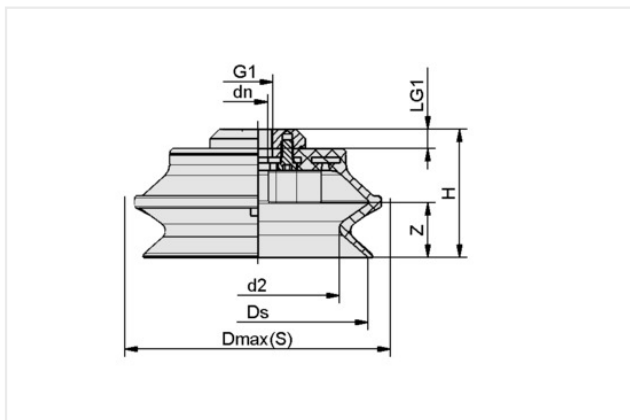
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Nipple material: Aluminum

Connection: G1/2"-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 13.50 mm |
| d2         | 111 mm   |
| Dmax(S)    | 177 mm   |
| Ds         | 150 mm   |
| G1         | G1/2"-F  |
| H          | 88.50 mm |
| LG1        | 13 mm    |
| Z (Stroke) | 37.50 mm |

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

### Technical Data

| Attribute                   | Value               |
|-----------------------------|---------------------|
| Suction force (-600mbar)    | 570 N               |
| Pull-off force              | 1000 N              |
| Volume                      | 800 cm <sup>3</sup> |
| Curve radius (min) (convex) | 250 mm              |
| Hose diameter (rec.) d      | 12 mm               |
| Size                        | 150                 |
| Nipple family               | N 010               |

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Bellows suction cups (round)

FSGA 150 NBR-70 G1/2-IG

Part no...:10.01.06.00120

<https://www.schmalz.com/10.01.06.00120>

|                             |                    |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 70 Shore A         |
| Weight                      | 801.50 g           |
| Product family              | FSGA               |
| Number of folds             | 1.50               |

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



#### FGA 150 NBR-70 N010

Part no...:10.01.06.00116

Size: 150

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Number of folds: 1.5



#### SA-NIP N010 G1/2-IG

Part no...:10.01.01.00796

Thread G1: G1/2"-F

Material: Aluminum

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Bellows suction cups (round)

FSGA 150 NBR-70 G1/2-IG

Part no...:10.01.06.00120

<https://www.schmalz.com/10.01.06.00120>



### FGA 150 NBR-70 N010

Part no...:10.01.06.00116

Size: 150

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Number of folds: 1.5

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)