

## Bellows suction cups (round)

FSGA 150 SI-70 G1/2-IG

Part no.: 10.01.06.00121

<https://www.schmalz.co.jp/10.01.06.00121>

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



Size: 150

Number of folds: 1.5

Suction cup material: Silicone SI

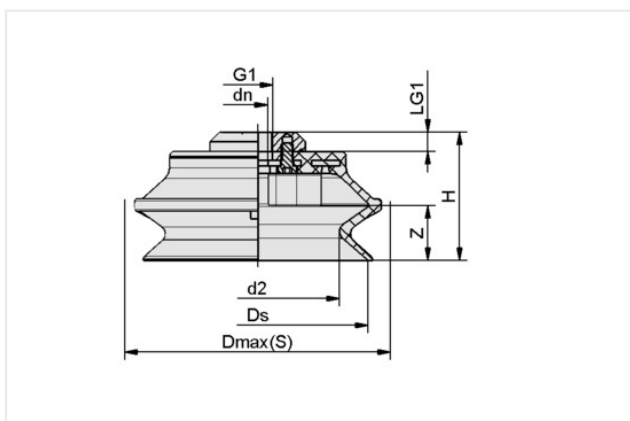
Material hardness [Shore A]: 70 Shore A

Material characteristics: FDA

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

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|                             |             |
|-----------------------------|-------------|
| Suction cup material        | Silicone SI |
| 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 SI-70 N010

Part no.: 10.01.06.00117

Size: 150

Suction cup material: Silicone SI

Material hardness [Shore A]: 70 Shore A

Number of folds: 1.5

Material characteristics: FDA-compatible



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

Part no.: 10.01.01.00796

Thread G1: G1/2"-F

Material: Aluminum

### Contact Schmalz

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FGA 150 SI-70 N010

Part no.: 10.01.06.00117

Size: 150

Suction cup material: Silicone SI

Material hardness [Shore A]: 70 Shore A

Number of folds: 1.5

Material characteristics: FDA-compatible

### Contact Schmalz

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