

## Bellows suction cups (round)

FSGA 110 VU1-72 G1/2-IG ON

Part no.:10.01.06.00497

<https://www.schmalz.com/10.01.06.00497>

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



Size: 110

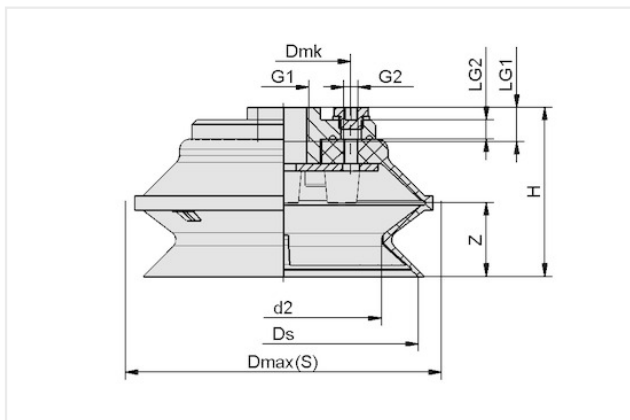
Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Connection: G1/2"-F

Number of folds: 1.5

### Design Data



| Attribute  | Value   |
|------------|---------|
| d2         | 80 mm   |
| Dmax(S)    | 127 mm  |
| Dmk        | 55 mm   |
| Ds         | 110 mm  |
| G1         | G1/2"-F |
| G2         | G1/8"-F |
| H          | 69 mm   |
| LG1        | 14 mm   |
| LG2        | 8 mm    |
| Z (Stroke) | 30 mm   |

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

### Technical Data

| Attribute                   | Value               |
|-----------------------------|---------------------|
| Suction force (-600mbar)    | 295 N               |
| Pull-off force              | 420 N               |
| Volume                      | 350 cm <sup>3</sup> |
| Curve radius (min) (convex) | 100 mm              |
| Hose diameter (rec.) d      | 9 mm                |
| Size                        | 110                 |
| Nipple family               | N 037               |

### Contact Schmalz

Schmalz S. de R.L. de C.V. | 1er. retorno universitario # 1 Interior 2 A, Terra Business Park, Col. La Pradera, El Marqués, Querétaro, C.P. 76269, México | +52 442 209 52 26  
schmalz@schmalz.com.mx

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|                             |               |
|-----------------------------|---------------|
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A    |
| Weight                      | 332.20 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

### Accessories



#### SA-SCHE 77 G1/2-IG FSGA

Part no.:10.01.06.00593

Thread G1: G1/2"-F

External diameter D: 77 mm

Construction use: Flat suction cup FSGA

### Spare parts



#### SA-SCHE 77 G1/2-IG FSGA

Part no.:10.01.06.00593

Thread G1: G1/2"-F

External diameter D: 77 mm

Construction use: Flat suction cup FSGA

### Contact Schmalz

Schmalz S. de R.L. de C.V. | 1er. retorno universitario # 1 Interior 2 A, Terra Business Park, Col. La Pradera, El Marqués, Querétaro, C.P. 76269, México | +52 442 209 52 26  
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### FGA 110 VU1-72 N037 ON

Part no...:10.01.06.00492

Size: 110

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5



### FGA 110 VU1-72 N037 ON

Part no...:10.01.06.00492

Size: 110

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

## Contact Schmalz

Schmalz S. de R.L. de C.V. | 1er. retorno universitario # 1 Interior 2 A, Terra Business Park, Col. La Pradera, El Marqués, Querétaro, C.P. 76269, México | +52 442 209 52 26  
[schmalz@schmalz.com.mx](mailto:schmalz@schmalz.com.mx)