# Bellows suction cups (round)

FSGA 50 VU1-72 G1/4-IG ON

Part no..:10.01.06.00300

https://www.schmalz.com/10.01.06.00300

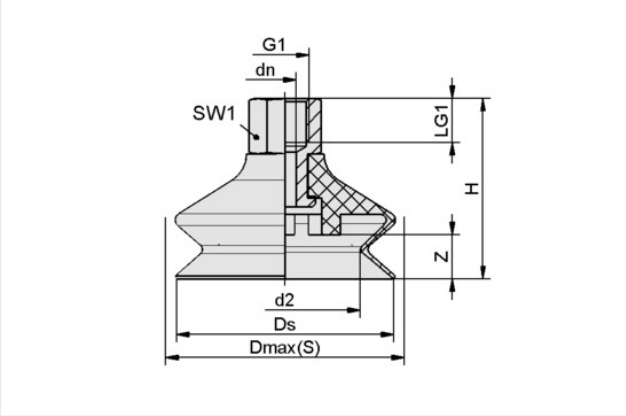


## Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 50
- Suction cup material: Vulkollan VU1
- Material hardness [Shore A]: 72 Shore A
- Nipple material: Aluminum
- Connection: G1/4"-F
- Number of folds: 1.5

## Design Data




| Attribute | Value |
|---|---|
| d2 | 33.50 mm |
| dn | 3.50 mm |
| Dmax(S) | 53 mm |
| Ds | 47 mm |
| G1 | G1/4"-F |
| H | 47.50 mm |
| LG1 | 12 mm |
| SW1 | 17 mm |
| Z (Stroke) | 14.50 mm |

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

## Technical Data

| Attribute | Value |
|---|---|
| Suction force (-600mbar) | 52 N |
| Pull-off force | 88 N |
| Volume | 22.60 cm³ |
| Curve radius (min) (convex) | 40 mm |
| Hose diameter (rec.) d | 6 mm |
| Size | 50 |
| Nipple family | N 011 |

Contact Schmalz
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Part no..:10.01.06.00300

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| | |
|---|---|
| Suction cup material | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A |
| Weight | 25 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



**SA-NIP N011 G1/4-IG DN350**

Part no..:10.01.01.00412

| |
|---|
| Nipple family: N 011 |
| Thread G1: G1/4"-F |
| Length L1: 24.5 mm |
| Length L: 15 mm |
| Fitting length: 15 mm |
| Nominal diameter dn: 3.5 mm |
| Material: Aluminum |
| Spanner size SW2: 5 mm |



**FGA 50 VU1-72 N011 ON**

Part no..:10.01.06.00302

| |
|---|
| Size: 50 |
| Suction cup material: Vulkollan VU1 |
| Material hardness [Shore A]: 72 Shore A |
| Number of folds: 1.5 |

Contact Schmalz

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# Bellows suction cups (round)

FSGA 50 VU1-72 G1/4-IG ON

Part no..:10.01.06.00300

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**FGA 50 VU1-72 N011 ON**

Part no..:10.01.06.00302

| |
|---|
| Size: 50 |
| Suction cup material: Vulkollan VU1 |
| Material hardness [Shore A]: 72 Shore A |
| Number of folds: 1.5 |


Contact Schmalz

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