

## Bellows suction cups (round)

FSG 60 VU1-72 G1/4-IG

Part no.: 10.01.06.00236

<https://www.schmalz.com/10.01.06.00236>

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### Bellows suction cup (round) for very uneven workpieces



Size: 60

Suction cup material: Vulkollan VU1

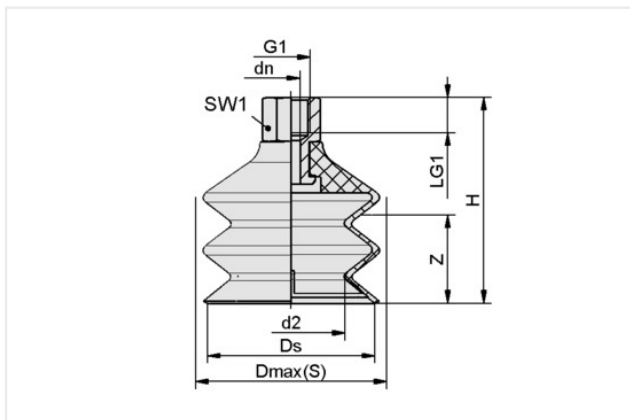
Material hardness [Shore A]: 72 Shore A

Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 2.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 36 mm    |
| dn         | 6 mm     |
| Dmax(S)    | 62.50 mm |
| Ds         | 59 mm    |
| G1         | G1/4"-F  |
| H          | 70 mm    |
| LG1        | 12 mm    |
| SW1        | 17 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)    | 61 N               |
| Pull-off force              | 100 N              |
| Volume                      | 61 cm <sup>3</sup> |
| Curve radius (min) (convex) | 50 mm              |
| Hose diameter (rec.) d      | 6 mm               |
| Size                        | 60                 |
| Nipple family               | N 014              |

### Contact Schmalz

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|                             |               |
|-----------------------------|---------------|
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A    |
| Weight                      | 47.10 g       |
| Number of folds             | 2.50          |
| Product family              | FSG           |

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 N014 G1/4-IG DN600

Part no.:10.01.06.00181

Thread G1: G1/4"-F

Fitting length: 15 mm

Material: Aluminum

External diameter D: 16.5 mm

Spanner size SW2: 6 mm



#### FG 60 VU1-72 N014

Part no.:10.01.06.00174

Size: 60

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 2.5

### Contact Schmalz

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**FG 60 VU1-72 N014**

Part no...:10.01.06.00174

Size: 60

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 2.5