

## Bellows suction cups (round)

FSGA 30 VU1-72 G1/4-AG

Part no.: 10.01.06.00197

<https://www.schmalz.co.jp/10.01.06.00197>

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



Size: 30

Suction cup material: Vulkollan VU1

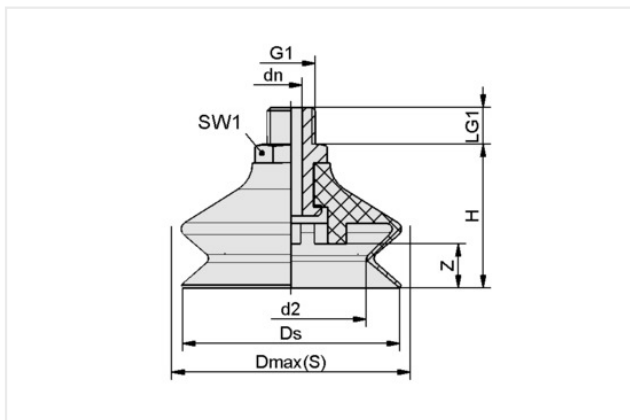
Material hardness [Shore A]: 72 Shore A

Nipple material: Aluminum

Connection: G1/4"-M

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 17 mm    |
| dn         | 3.50 mm  |
| Dmax (S)   | 31.50 mm |
| Ds         | 29 mm    |
| G1         | G1/4"-M  |
| H          | 32 mm    |
| LG1        | 10 mm    |
| SW1        | 17 mm    |
| Z (Stroke) | 8.50 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 13.50 N              |
| Pull-off force              | 32 N                 |
| Volume                      | 5.76 cm <sup>3</sup> |
| Curve radius (min) (convex) | 25 mm                |
| Hose diameter (rec.) d      | 6 mm                 |
| Size                        | 30                   |
| Nipple family               | N 013                |

### Contact Schmalz

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|                             |               |
|-----------------------------|---------------|
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A    |
| Weight                      | 15 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 N013 G1/4-AG DN350

Part no.: 10.01.06.00183

Thread G1: G1/4"-M

Fitting length: 5 mm

Material: Aluminum

External diameter D: 12.5 mm

Nominal size: 350

Spanner size SW2: 5 mm



FGA 30 VU1-72 N013

Part no.: 10.01.06.00177

Size: 30

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5