

## Bellows suction cups (round)

FSGA 40 VU1-72 G1/4-IG ON

Part no.:10.01.06.00299

<https://www.schmalz.com/10.01.06.00299>

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



Size: 40

Suction cup material: Vulkollan VU1

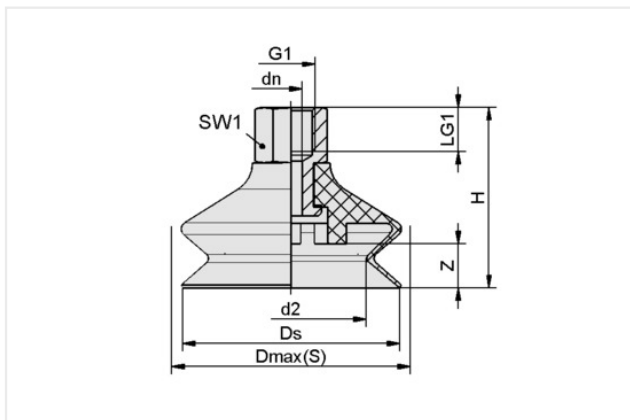
Material hardness [Shore A]: 72 Shore A

Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 26.80 mm |
| dn         | 3.50 mm  |
| Dmax(S)    | 42.50 mm |
| Ds         | 38 mm    |
| G1         | G1/4"-F  |
| H          | 41 mm    |
| LG1        | 12 mm    |
| SW1        | 17 mm    |
| Z (Stroke) | 12.80 mm |

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

### Technical Data

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction force (-600mbar)    | 33 N                  |
| Pull-off force              | 56 N                  |
| Volume                      | 11.30 cm <sup>3</sup> |
| Curve radius (min) (convex) | 30 mm                 |
| Hose diameter (rec.) d      | 6 mm                  |
| Size                        | 40                    |
| Nipple family               | N 011                 |

### Contact Schmalz

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|                             |               |
|-----------------------------|---------------|
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A    |
| Weight                      | 16.10 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 40 VU1-72 N011 ON

Part no.:10.01.06.00301

|                                         |
|-----------------------------------------|
| Size: 40                                |
| Suction cup material: Vulkollan VU1     |
| Material hardness [Shore A]: 72 Shore A |
| Number of folds: 1.5                    |

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## Bellows suction cups (round)

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### FGA 40 VU1-72 N011 ON

Part no.:10.01.06.00301

Size: 40

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

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