

## Bellows suction cups (round)

FSGA 33 HT1-60 G1/4-IG

Part no.:10.01.06.00957

<https://www.schmalz.com/10.01.06.00957>

Home > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 33 HT1-60 G1/4-IG

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



Size: 33

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

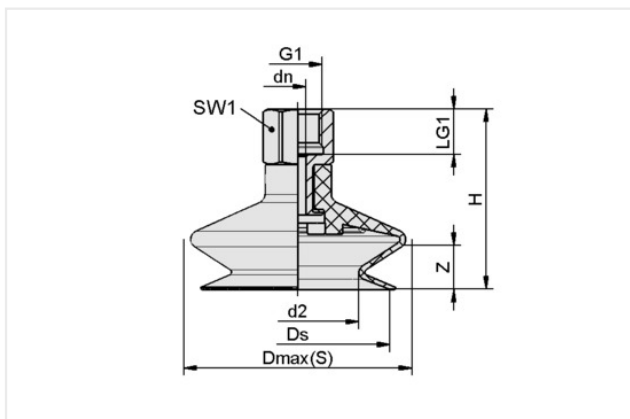
Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 1.5

Vacuum connection: G1/4"-F

### Design Data



| Attribute  | Value   |
|------------|---------|
| d2         | 17 mm   |
| Dmax(S)    | 38 mm   |
| dn         | 4.40 mm |
| Ds         | 30 mm   |
| G1         | G1/4"-F |
| H          | 42 mm   |
| LG1        | 12 mm   |
| SW1        | 17 mm   |
| Z (Stroke) | 9 mm    |

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

### Technical Data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60 Shore A                    |
| Size                        | 33                            |
| Number of folds             | 1.50                          |
| Connection                  | G1/4-IG                       |
| Curve radius (min) (convex) | 40 mm                         |
| Volume                      | 4.75 cm <sup>3</sup>          |
| Suction force (-600mbar)    | 13.60 N                       |

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Bellows suction cups (round)

FSGA 33 HT1-60 G1/4-IG

Part no...:10.01.06.00957

<https://www.schmalz.com/10.01.06.00957>

|                        |         |
|------------------------|---------|
| Pull-off force         | 39.60 N |
| Hose diameter (rec.) d | 6 mm    |
| Weight                 | 16 g    |
| Product family         | FSGA    |

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Accessories



#### SPI 32 PEEK

Part no...:10.01.06.03287

Size: 32

Material: Polyetheretherketon

### Spare parts



#### SA-NIP N018 G1/4-IG DN440

Part no...:10.01.06.01066

Nipple family: N 018

Thread G1: G1/4"-F

Length L1: 28.8 mm

Fitting length: 15 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum

### Contact Schmalz

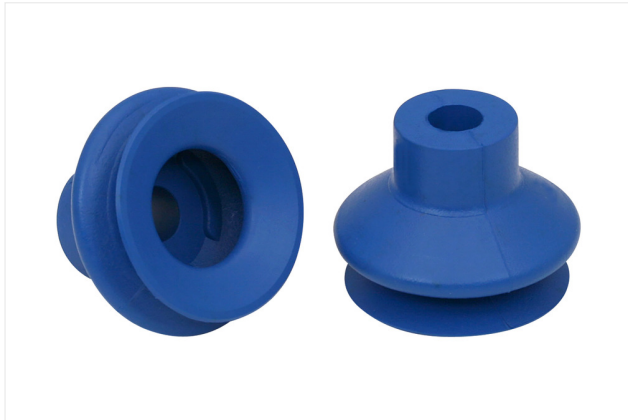
J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Bellows suction cups (round)

FSGA 33 HT1-60 G1/4-IG

Part no...:10.01.06.00957

<https://www.schmalz.com/10.01.06.00957>



### FGA 33 HT1-60 N018

Part no...:10.01.06.00873

Size: 33

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 1.5

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)