

## Bellows suction cup (oval)

FSGAO 140x65 VU1-72 G1/4-AG

Part no.:10.01.06.00498

<https://www.schmalz.ru/10.01.06.00498>

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### Bellows suction cup (oval), very hard-wearing, for narrow workpieces



Dimensions (LxB): 140 x 65

Suction cup material: Vulkollan VU1

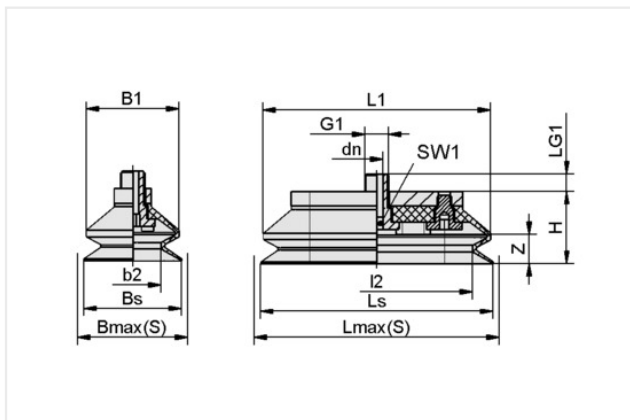
Material hardness [Shore A]: 72 Shore A

Nipple material: Brass

Connection: G1/4"-M

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| b2         | 36 mm    |
| B1         | 65 mm    |
| Bmax(S)    | 68.50 mm |
| Bs         | 65 mm    |
| dn         | 8 mm     |
| G1         | G1/4"-M  |
| H          | 38 mm    |
| L1         | 140 mm   |
| L2         | 111 mm   |
| LG1        | 10 mm    |
| Lmax(S)    | 142 mm   |
| Ls         | 140 mm   |
| SW1        | 8 mm     |
| Z (Stroke) | 16 mm    |

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

### Technical Data

| Attribute                | Value                  |
|--------------------------|------------------------|
| Suction force (-600mbar) | 225 N                  |
| Pull-off force           | 255 N                  |
| Volume                   | 113.62 cm <sup>3</sup> |

### Contact Schmalz

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|                             |               |
|-----------------------------|---------------|
| Curve radius (min) (convex) | 30 mm         |
| Hose diameter (rec.) d      | 9 mm          |
| Nipple family               | N 039         |
| Dimensions (LxB)            | 140 x 65      |
| Number of folds             | 1.50          |
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72 Shore A    |
| Weight                      | 175 g         |
| Product family              | FSGAO         |

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



#### FGAO 140x65 VU1-72 N039

Part no...:10.01.06.00468

Dimensions (LxB): 140 x 65

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5



#### FGAO 140x65 VU1-72 N039

Part no...:10.01.06.00468

Dimensions (LxB): 140 x 65

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

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