

## Bellows suction cups SI-HD (round)

FSG 14 SI-HD-65 M5-AG

Część nr...10.01.06.04163

<https://www.schmalz.com/10.01.06.04163>

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



Size: 14

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Material characteristics: FDA-compatible

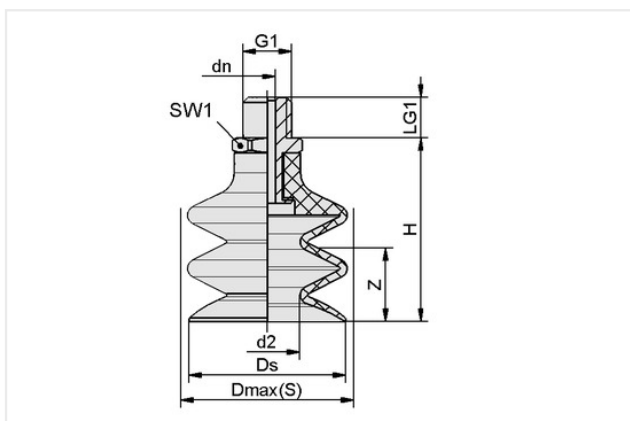
Nipple material: Aluminum

Connection: M5-M

Number of folds: 2,5

Vacuum connection: M5-M

### Dane projektowe



#### Atrybut

#### Wartość

|            |          |
|------------|----------|
| d2         | 5,40 mm  |
| dn         | 2,50 mm  |
| Dmax(S)    | 15,50 mm |
| Ds         | 14,50 mm |
| G1         | M5-M     |
| H          | 27,80 mm |
| LG1        | 5 mm     |
| SW1        | 7 mm     |
| Z (Stroke) | 9 mm     |

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

### Dane techniczne

| Atrybut                     | Wartość              |
|-----------------------------|----------------------|
| Suction cup material        | Silicone SI-HD       |
| Material hardness [Shore A] | 65 Shore A           |
| Size                        | 14                   |
| Number of folds             | 2,50                 |
| Connection                  | M5-AG                |
| Curve radius (min) (convex) | 15 mm                |
| Volume                      | 0,80 cm <sup>3</sup> |
| Suction force (-600mbar)    | 1,37 N               |

### Kontakt z firmą Schmalz

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|                        |        |
|------------------------|--------|
| Pull-off force         | 5,70 N |
| Hose diameter (rec.) d | 2 mm   |
| Weight                 | 2,60 g |
| 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 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

### Części zamienne



#### SA-NIP N016 M5-AG DN250

Część nr.:10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2,5 mm

Material: Aluminum



#### FG 14 SI-HD-65 N016

Część nr.:10.01.06.04055

Size: 14

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A