

## Bellows suction cup (round)

FG 7 SI-CO-55 N016

Part no.:10.01.06.00508

<https://www.schmalz.com/10.01.06.00508>

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



Size: 7

Suction cup material: Silicone SI conductive

Material hardness [Shore A]: 55 Shore A

Number of folds: 2.5

### Design Data



| Attribute  | Value   |
|------------|---------|
| d          | 4.50 mm |
| d2         | 1.80 mm |
| D1         | 6.50 mm |
| Dk         | 9 mm    |
| Dmax(S)    | 7 mm    |
| Ds         | 5.90 mm |
| H          | 14 mm   |
| H2         | 3.80 mm |
| H3         | 6.50 mm |
| Z (Stroke) | 3 mm    |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.15 N               |
| Pull-off force              | 0.90 N               |
| Volume                      | 0.16 cm <sup>3</sup> |
| Curve radius (min) (convex) | 7.50 mm              |
| Size                        | 7                    |
| Nipple family               | N 016                |
| Number of folds             | 2.50                 |

### Contact Schmalz

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|                             |                        |
|-----------------------------|------------------------|
| Suction cup material        | Silicone SI conductive |
| Material hardness [Shore A] | 55 Shore A             |
| Weight                      | 0.50 g                 |
| Product family              | FG                     |

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