

Bellows suction cup (round)

# FGB 12 SI-55 N016

Art.-Nr.: 10.01.06.04502



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## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 12.00        |
| Number of folds             | 3.5          |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H2           | 6.50 mm  |
| Height H            | 24.50 mm |
| Outside diameter D1 | 12.0 mm  |
| Head diameter Dk    | 10.0 mm  |
| d2                  | 5.0 mm   |
| Internal diameter d | 4.50 mm  |
| Spring stroke Z     | 11.0 mm  |
| Diameter Ds         | 11.9 mm  |
| Diameter Dmax(S)    | 13.0 mm  |

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

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[WWW.SCHMALZ.COM/10.01.06.04502](http://WWW.SCHMALZ.COM/10.01.06.04502)

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## Technical data

| Attribute                | Value                 |
|--------------------------|-----------------------|
| Suction cup material     | Silicone SI           |
| Suction force (-600mbar) | 1.18 N                |
| Weight                   | 1.3 g                 |
| Volume                   | 0.958 cm <sup>3</sup> |
| Size                     | 12.00                 |
| Number of folds          | 3.5                   |
| Product family           | FGB                   |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m



## Further documentation

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.06.04502](http://www.schmalz.com/10.01.06.04502)

