

Flat suction cup (round)

## SUF 30 NBR-55 G1/8-AG



Art.-Nr.: 10.01.01.14088



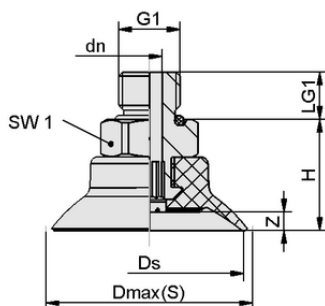
### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 30.00              |
| Vacuum connection           | G1/8"-M            |

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Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 17.70 mm |
| Nominal diameter dn | 4.10 mm  |
| Thread G1           | G1/8"-M  |
| Thread length LG1   | 7.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 3.0 mm   |
| Diameter Ds         | 30.0 mm  |
| Diameter Dmax(S)    | 33.3 mm  |

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[WWW.SCHMALZ.COM/10.01.01.14088](http://WWW.SCHMALZ.COM/10.01.01.14088)

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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Nitrile rubber NBR    |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Hose inner diameter (recom.) d | 4.0 mm                |
| Workpiece radius min. (convex) | 35.0 mm               |
| Pull-off force                 | 34.00 N               |
| Suction force (-600mbar)       | 34.00 N               |
| Weight                         | 11.20 g               |
| Volume                         | 1.600 cm <sup>3</sup> |
| Size                           | 30.00                 |
| Number of folds                | 0.0                   |
| Product family                 | SUF                   |

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/10.01.01.14088](http://www.schmalz.com/10.01.01.14088)

**Ordering Data Spare Parts 10.01.01.14088**

| Typ                      |                     | Item number    |
|--------------------------|---------------------|----------------|
| Schmalz-Connector        | SC 040 G1/8-AG      | 10.01.06.02490 |
| Flat suction cup (round) | SUF 30 NBR-55 SC040 | 10.01.01.13949 |

