

## Flat suction cup (round)

SUF 25 HT1-60 G1/8-AG

Part no.:10.01.01.14148

<https://www.schmalz.com/10.01.01.14148>

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### Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces



Size: 25

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 28.20 mm |
| Ds         | 25 mm    |
| dn         | 4.10 mm  |
| G1         | G1/8"-M  |
| H          | 17.20 mm |
| LG1        | 7.50 mm  |
| SW1        | 14 mm    |
| Z (Stroke) | 2.50 mm  |

### Technical Data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction force (-600mbar)    | 23 N                          |
| Pull-off force              | 23 N                          |
| Volume                      | 0.90 cm <sup>3</sup>          |
| Curve radius (min) (convex) | 25 mm                         |
| Hose diameter (rec.) d      | 4 mm                          |
| Size                        | 25                            |
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60 Shore A                    |

### Contact Schmalz

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|                 |        |
|-----------------|--------|
| Weight          | 9.70 g |
| Product family  | SUF    |
| Number of folds | 0      |

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



#### SC 040 G1/8-AG

Part no.:10.01.06.02490

Connection geometry: 040

Connection: G1/8"-M

Length L1: 20.2 mm

Fitting length: 6 mm

Nominal diameter dn: 4.1 mm



#### SUF 25 HT1-60 SC040

Part no.:10.01.01.13992

Size: 25

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

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