

## Flat suction cup (round)

SUF 90 HT1-60 M10x1.25-IG N009

Part no.:10.01.01.14000

<https://www.schmalz.com/10.01.01.14000>

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



Size: 90

Suction cup material: High temp material HT1

Material hardness [Shore A]: 60 Shore A

### Design Data



| Attribute  | Value      |
|------------|------------|
| Dmax(S)    | 98.10 mm   |
| Ds         | 90 mm      |
| G1         | M10x1.25-F |
| H          | 18.50 mm   |
| LG1        | 6 mm       |
| Z (Stroke) | 7 mm       |

### Technical Data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction force (-600mbar)    | 328 N                  |
| Pull-off force              | 328 N                  |
| Volume                      | 34.30 cm <sup>3</sup>  |
| Curve radius (min) (convex) | 150 mm                 |
| Hose diameter (empf.) d     | 6 mm                   |
| Size                        | 90                     |
| Suction cup material        | High temp material HT1 |
| Material hardness [Shore A] | 60 Shore A             |

### Contact Schmalz

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|                |         |
|----------------|---------|
| Weight         | 90.50 g |
| Product family | SUF     |

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

## Accessories



### TVN G1/4-AG 9 N009

Part no...:10.05.10.00065

Thread G1: G1/4"-M

Thread G2: M10x1.25-M

Spring stroke Z: 9 mm

Nipple: N 009