

## Flat suction cup (round)

### SPF 30 ED-65 G1/8-AG

Part no.:10.01.01.13244

<https://www.schmalz.com/10.01.01.13244>



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## Flat suction cup (round) for dynamic handling of cardboard and rigid packaging



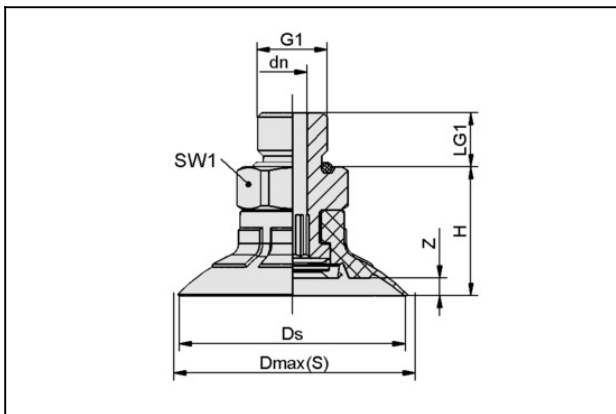
Size: 30

Suction cup material: Elastodur

Material hardness: 65 °Sh

Thread G1: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 4.1 mm   |
| Dmax(S)    | 33.6 mm  |
| Ds         | 31.4 mm  |
| G1         | G1/8"-AG |
| H          | 18 mm    |
| LG1        | 7.5 mm   |
| SW1        | 14 mm    |
| Z (Stroke) | 2.5 mm   |

### Technical Data

[Contact to Schmalz](#)

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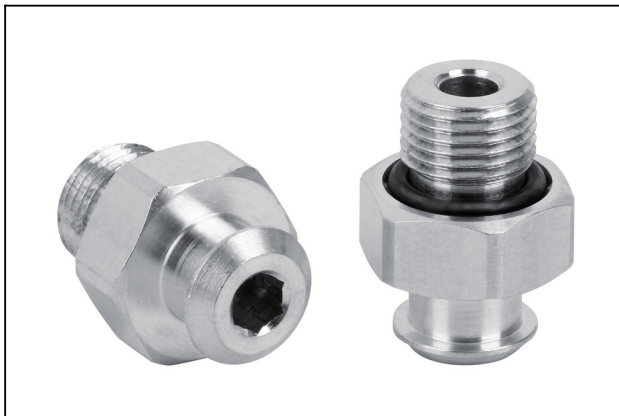
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| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction force (-600mbar)    | 29.5 N                |
| Pull-off force              | 35.3 N                |
| Lateral force               | 22.5 N                |
| Volume                      | 2.531 cm <sup>3</sup> |
| Curve radius (min) (convex) | 35 mm                 |
| Hose diameter (empf.) d     | 6 mm                  |
| Size                        | 30                    |
| Number of folds             | 0                     |
| Suction cup material        | Elastodur             |
| Material hardness [Shore A] | 65 Shore A            |
| Weight                      | 7.5 g                 |
| Product family              | SPF                   |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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 element for suction cup "SchmalzConnector"

Connection geometry: 040

Vacuum connection: G1/8"-M

Overall length: 20.2 mm

Fitting length: 6 mm

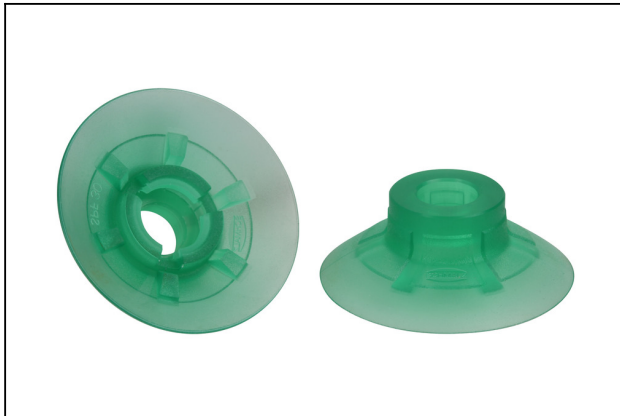
Nominal diameter dn: 4.1 mm

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#### SPF 30 ED-65 SC040

Part no.10.01.01.12372

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Size: 30

Suction cup material: Elastodur

Material hardness: 65 °Sh

## Accessories



#### SIEB 11x1 MS-A2 280 0.28/0.16

Part no.10.07.01.00309

Screen

External diameter D: 11 mm

Length L: 1 mm

Material: Brass / Stainless steel

Filter pore size: 280 µm

Mesh: 0.28 mm

Wire size: 0.16 mm



#### SU 30

Part no.10.01.01.12889

Cover for suction cup

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C