

## Bellows suction cup (round)

SPB1 30 ED-65 SC040

Part no.:10.01.06.02454

<https://www.schmalz.com/10.01.06.02454>

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### Bellows suction cup (round) with 1.5 corr. for dynamic handling of cardboard and rigid packaging



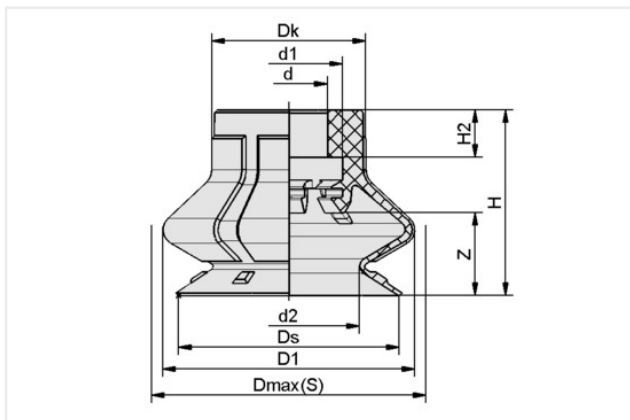
Size: 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Number of folds: 1,5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 7,50 mm  |
| d1         | 10,50 mm |
| d2         | 20 mm    |
| D1         | 34,20 mm |
| Dk         | 15,10 mm |
| Dmax(S)    | 36,70 mm |
| Ds         | 31,40 mm |
| H          | 23 mm    |
| H2         | 4,60 mm  |
| Z (Stroke) | 13 mm    |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 20,70 N              |
| Pull-off force              | 30,60 N              |
| Lateral force               | 15,50 N              |
| Volume                      | 7,99 cm <sup>3</sup> |
| Curve radius (min) (convex) | 25 mm                |
| Hose diameter (rec.) d      | 6 mm                 |
| Size                        | 30                   |

### Contact Schmalz

Schmalz d.o.o. | Velika Ligojna 4, Vrhnika, Slovenia | +386 70 613 796 | [info@schmalz.si](mailto:info@schmalz.si)

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|                             |              |
|-----------------------------|--------------|
| Nipple family               | SC 040       |
| Number of folds             | 1,50         |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 3,70 g       |
| Product family              | SPB1         |

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



#### 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



#### SC 040 G1/8-IG

Part no.:10.01.06.02482

Connection geometry: 040

Connection: G1/8"-F

Length L1: 20,7 mm

Fitting length: 14 mm

Nominal diameter dn: 4,1 mm

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

Part no...:10.07.01.00309

External diameter D: 11 mm

Length L: 1 mm

Material: Brass / Stainless steel

Filter pore size: 280 µm



**SPI 26 PA SPB1-30**

Part no...:10.01.06.03386

Size: 26

Material: Polyamide

Use: SPB1-30



**SC 040 NPT1/8-AG**

Part no...:10.01.06.02541

Connection geometry: 040

Connection: NPT1/8-M

Length L1: 20,9 mm

Fitting length: 6 mm

Nominal diameter dn: 4,1 mm

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### SC 040 NPT1/8-IG

Part no...:10.01.06.02542

Connection geometry: 040

Connection: NPT1/8-F

Length L1: 20,7 mm

Fitting length: 14 mm

Nominal diameter dn: 4,1 mm