

## Flat suction cup (round)

SPF 20 ED-65 G1/8-IG

Part no.: 10.01.01.13241

<https://www.schmalz.com/10.01.01.13241>

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



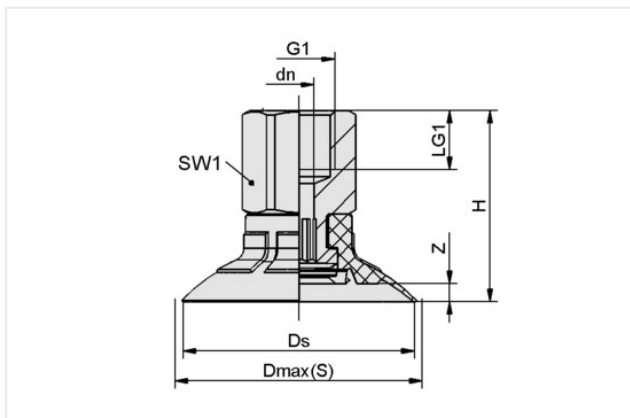
Size: 20

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: G1/8"-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 4.10 mm  |
| Dmax(S)    | 23.30 mm |
| Ds         | 21.40 mm |
| G1         | G1/8"-F  |
| H          | 25 mm    |
| LG1        | 8 mm     |
| SW1        | 14 mm    |
| Z (Stroke) | 2 mm     |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 16 N                 |
| Pull-off force              | 19.20 N              |
| Lateral force               | 10.50 N              |
| Volume                      | 1.13 cm <sup>3</sup> |
| Curve radius (min) (convex) | 20 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 20                   |

### Contact Schmalz

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|                             |              |
|-----------------------------|--------------|
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 7.10 g       |
| Product family              | SPF          |

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



**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

### Spare parts



**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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### SPF 20 ED-65 SC040

Part no...:10.01.01.12370

Size: 20

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 11 mm

### Contact Schmalz

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