



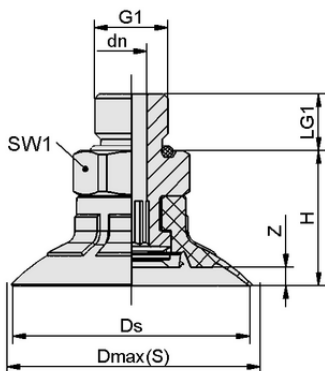
SPF 30 ED-65 G1/8-AG

Suction cup SPF (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPF – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPF, Schmalz-Connector

Available accessories: filter screen (sieve, round)



Design data SPF 30 ED-65 G1/8-AG

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65.0 Shore A |
| Size                        | 30.00        |
| Thread G1                   | G1/8"-M      |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 18.00 mm |
| Nominal diameter dn | 4.10 mm  |
| Thread G1           | G1/8"-M  |
| Thread length LG1   | 7.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 2.5 mm   |
| Diameter Ds         | 31.4 mm  |
| Diameter Dmax(S)    | 33.6 mm  |

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

Art.-Nr.: 10.01.01.13244

**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Elastodur ED          |
| Material hardness [Shore A]    | 65.0 Shore A          |
| Hose inner diameter (recom.) d | 6.0 mm                |
| Workpiece radius min. (convex) | 35.0 mm               |
| Pull-off force                 | 35.30 N               |
| Suction force (-600mbar)       | 29.50 N               |
| Weight                         | 7.5 g                 |
| Lateral force                  | 22.5 N                |
| Volume                         | 2.531 cm <sup>3</sup> |
| Size                           | 30.00                 |
| Number of folds                | 0.0                   |
| Product family                 | SPF                   |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.13244](http://www.schmalz.com/10.01.01.13244)

**Ordering Data Accessories 10.01.01.13244**

| Typ               |                               | Item number    |
|-------------------|-------------------------------|----------------|
| Sieve, round      | SIEB 11x1 MS-A2 280 0.28/0.16 | 10.07.01.00309 |
| Suction cup cover | SU 30                         | 10.01.01.12889 |

**Ordering Data Spare Parts 10.01.01.13244**

| Typ               |                | Item number    |
|-------------------|----------------|----------------|
| Schmalz-Connector | SC 040 G1/8-AG | 10.01.06.02490 |

**Ordering Data Wear Parts 10.01.01.13244**

| Typ                      |                    | Item number    |
|--------------------------|--------------------|----------------|
| Flat suction cup (round) | SPF 30 ED-65 SC040 | 10.01.01.12372 |

