



SPB1 30 ED-65 G1/8-AG

## Technical data

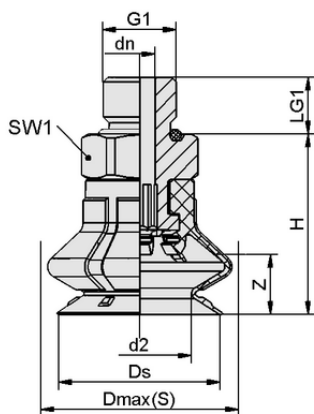
| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65.0 Shore A |
| Size                        | 30.00        |
| Number of folds             | 1.5          |
| Thread G1                   | G1/8"-M      |

Suction cup SPB1 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB1 – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB1, connection element (Schmalz-Connector)

Available accessories: filter screen (sieve, round), suction cup insert



Design data SPB1 30 ED-65 G1/8-AG

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 29.00 mm |
| Nominal diameter dn | 4.10 mm  |
| d2                  | 20.0 mm  |
| Thread G1           | G1/8"-M  |
| Thread length LG1   | 7.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 13.0 mm  |
| Diameter Ds         | 31.4 mm  |
| Diameter Dmax(S)    | 36.7 mm  |

Bellows suction cups (round)  
**SPB1 30 ED-65 G1/8-AG**



Art.-Nr.: 10.01.06.03496



### 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) | 25.0 mm               |
| Pull-off force                 | 30.60 N               |
| Suction force (-600mbar)       | 20.70 N               |
| Weight                         | 7.9 g                 |
| Lateral force                  | 15.5 N                |
| Volume                         | 7.993 cm <sup>3</sup> |
| Size                           | 30.00                 |
| Number of folds                | 1.5                   |
| Product family                 | SPB1                  |

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/10.01.06.03496](http://www.schmalz.com/10.01.06.03496)



### Ordering Data Accessories 10.01.06.03496

| Typ                   |                               | Item number    |
|-----------------------|-------------------------------|----------------|
| Sieve, round          | SIEB 11x1 MS-A2 280 0.28/0.16 | 10.07.01.00309 |
| Schmalz Pad Insert PA | SPI 26 PA SPB1-30             | 10.01.06.03386 |



### Ordering Data Spare Parts 10.01.06.03496

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



### Ordering Data Wear Parts 10.01.06.03496

| Typ                         |                     | Item number    |
|-----------------------------|---------------------|----------------|
| Bellows suction cup (round) | SPB1 30 ED-65 SC040 | 10.01.06.02454 |



[WWW.SCHMALZ.COM/10.01.06.03496](http://WWW.SCHMALZ.COM/10.01.06.03496)