



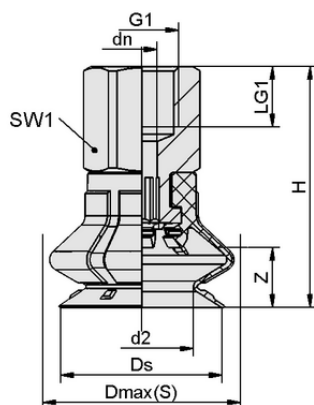
SPB1 15 ED-65 G1/8-IG

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 15 ED-65 G1/8-IG

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65.0 Shore A |
| Size                        | 15.00        |
| Number of folds             | 1.5          |
| Thread G1                   | G1/8"-F      |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 29.00 mm |
| Nominal diameter dn | 4.10 mm  |
| d2                  | 9.5 mm   |
| Thread G1           | G1/8"-F  |
| Thread length LG1   | 8.0 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 6.0 mm   |
| Diameter Ds         | 15.4 mm  |
| Diameter Dmax(S)    | 19.7 mm  |

Bellows suction cups (round)  
**SPB1 15 ED-65 G1/8-IG**



Art.-Nr.: 10.01.06.03491



### Technical data

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Elastodur ED          |
| Material hardness [Shore A]    | 65.0 Shore A          |
| Hose inner diameter (recom.) d | 4.0 mm                |
| Workpiece radius min. (convex) | 8.0 mm                |
| Pull-off force                 | 9.00 N                |
| Suction force (-600mbar)       | 4.30 N                |
| Weight                         | 6.6 g                 |
| Lateral force                  | 5.0 N                 |
| Volume                         | 1.498 cm <sup>3</sup> |
| Size                           | 15.00                 |
| 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/10.01.06.03491](http://www.schmalz.com/10.01.06.03491)



### Ordering Data Accessories 10.01.06.03491

| Typ                   | Item number                         |
|-----------------------|-------------------------------------|
| Schmalz Pad Insert PA | SPI 12 PA SPB1-15<br>10.01.06.03709 |



### Ordering Data Spare Parts 10.01.06.03491

| Typ               | Item number                      |
|-------------------|----------------------------------|
| Schmalz-Connector | SC 040 G1/8-IG<br>10.01.06.02482 |



### Ordering Data Wear Parts 10.01.06.03491

| Typ                         | Item number                           |
|-----------------------------|---------------------------------------|
| Bellows suction cup (round) | SPB1 15 ED-65 SC040<br>10.01.06.02783 |



[WWW.SCHMALZ.COM/10.01.06.03491](http://WWW.SCHMALZ.COM/10.01.06.03491)