

Art.-Nr.: 10.01.06.03740

**Technical data**

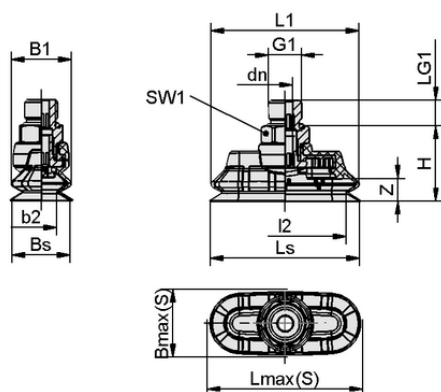
| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Dimension (LxW)             | 80 x 35      |
| Number of folds             | 1.5          |
| Thread G1                   | G1/4"-M      |

SPOB1f 80x35 SI-55 G1/4-AG

The suction cup SPOB1f (elastomer part + connection element) with integrated bag stabilizer is delivered assembled. The assembly consists of:

- Suction cup of the type SPOB1f - elastomer part, available in a range of different diameters
- Connection element of the type SC - available with a range of different threads

Available spare parts: suction cup SPOB1f, Schmalz-Connector

**Design data**

| Attribute            | Value    |
|----------------------|----------|
| Length L1            | 80.00 mm |
| Width B1             | 35.00 mm |
| Height H             | 34.20 mm |
| Nominal diameter dn  | 6.10 mm  |
| Thread G1            | G1/4"-M  |
| Thread length LG1    | 10.0 mm  |
| Key width SW1        | 17.0 mm  |
| Spring stroke Z      | 11.0 mm  |
| Suction cup width Bs | 34.50 mm |
| Ls                   | 79.50 mm |

Design data SPOB1f 80x35 SI-55 G1/4-AG



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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Silicone SI            |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Hose inner diameter (recom.) d | 8.0 mm                 |
| Suction force (-600mbar)       | 74.70 N                |
| Weight                         | 25.6 g                 |
| Dimension (LxW)                | 80 x 35                |
| Volume                         | 26.122 cm <sup>3</sup> |
| Number of folds                | 1.5                    |
| Suction force at -400 mbar     | 49.80 N                |
| Suction force at -200 mbar     | 24.90 N                |
| Product family                 | SPOB1f                 |
| Min. workpiece width           | 30.0 mm                |

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/10.01.06.03740](http://www.schmalz.com/10.01.06.03740)

**Ordering Data Accessories 10.01.06.03740**

| Typ             |             | Item number    |
|-----------------|-------------|----------------|
| Flow resistance | SC-SW 60 6  | 10.05.04.00096 |
| Flow resistance | SC-SW 80 6  | 10.05.04.00097 |
| Flow resistance | SC-SW 100 6 | 10.05.04.00098 |
| Flow resistance | SC-SW 120 6 | 10.05.04.00099 |
| Flow resistance | SC-SW 200 6 | 10.05.04.00100 |
| Flow resistance | SC-SW 240 6 | 10.05.04.00101 |

**Ordering Data Spare Parts 10.01.06.03740**

| Typ               |                       | Item number    |
|-------------------|-----------------------|----------------|
| Schmalz-Connector | SC 050-AR G1/4-AG MOD | 10.01.06.03741 |

Bellows suction pad (oval)

## SPOB1f 80x35 SI-55 G1/4-AG



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**Ordering Data Wear Parts 10.01.06.03740**

| Typ                        |                             | Item number    |
|----------------------------|-----------------------------|----------------|
| Bellows suction cup (oval) | SPOB1f 80x35 SI-55 SC050-AR | 10.01.06.03627 |



[WWW.SCHMALZ.COM/10.01.06.03740](http://WWW.SCHMALZ.COM/10.01.06.03740)