

Art.-Nr.: 10.01.06.03739

**Technical data**

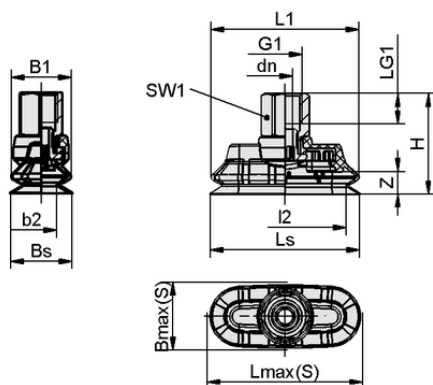
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Dimension (LxW)	80 x 35
Number of folds	1.5
Thread G1	G1/4"-F

SPOB1f 80x35 SI-55 G1/4-IG

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	44.20 mm
Nominal diameter dn	6.10 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 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-IG



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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	26.2 g
Dimension (LxW)	80 x 35
Volume	26.122 cm ³
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/10.01.06.03739

**Ordering Data Spare Parts 10.01.06.03739**

Typ	Item number
Schmalz-Connector	SC 050-AR G1/4-IG MOD 10.01.06.03742

**Ordering Data Wear Parts 10.01.06.03739**

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

