



Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	4.5
Thread G1	NPT1/4"-M

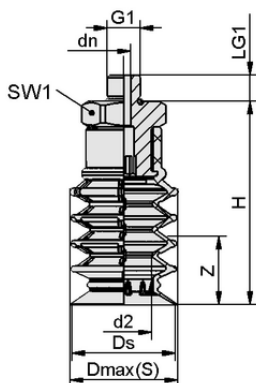
SPB4 40 SI-55 NPT1/4-AG

Suction cup SPB4 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB4 – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB4, connection element (Schmalz-Connector)

Available accessories: filter screen (sieve, round), hose clamp, pad insert



Design data

Attribute	Value
Height H	73.10 mm
Nominal diameter dn	8.00 mm
d2	23.0 mm
Thread G1	NPT1/4"-M
Thread length LG1	10.2 mm
Key width SW1	27.0 mm
Spring stroke Z	27.0 mm
Diameter Ds	40.5 mm
Diameter Dmax(S)	41.5 mm

Design data SPB4 40 SI-55 NPT1/4-AG

Art.-Nr.: 10.01.06.04999

**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Pull-off force	39.00 N
Suction force (-600mbar)	25.00 N
Weight	40.70 g
Volume	35.740 cm ³
Size	40.00
Number of folds	4.5
Product family	SPB4

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/10.01.06.04999

**Ordering Data Accessories 10.01.06.04999**

Typ		Item number
Sieve, round	SIEB 19.5x1 MS-A2 103	10.07.01.00321
Hose clamp	SSB 20-32 ST-VZ	10.07.10.00003
Schmalz Pad Insert PE	SPI 32 PE SPB4-40	10.01.06.02856
Stabilization element	SPSE 40	10.01.06.02954

**Ordering Data Spare Parts 10.01.06.04999**

Typ		Item number
Schmalz-Connector	SC 090 NPT1/4-AG	10.01.06.03666
Bellows suction cup (round)	SPB4 40 SI-55 SC090	10.01.06.02590

