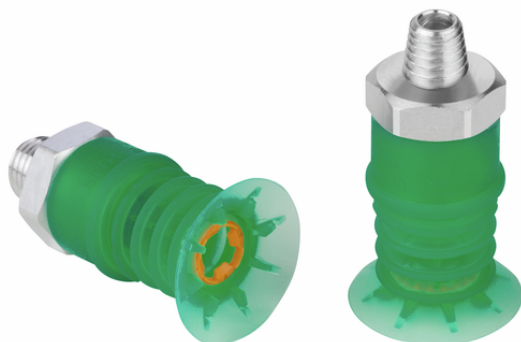




SPB4f 30 SI-55 NPT3/8-AG

Technical data

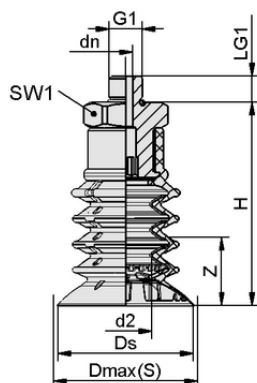
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	30.00
Number of folds	4.5
Thread G1	NPT3/8"-M

Suction cup SPB4f (elastomer part + connection element) with integrated bag stabilizer is delivered assembled. The assembly consists of:

- Suction cup of type SPB4f – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB4f, Schmalz-Connector

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



Design data SPB4f 30 SI-55 NPT3/8-AG

Design data

Attribute	Value
Height H	47.50 mm
Nominal diameter dn	10.30 mm
d2	12.3 mm
Thread G1	NPT3/8"-M
Thread length LG1	10.4 mm
Key width SW1	22.0 mm
Spring stroke Z	11.0 mm
Diameter Ds	30.7 mm
Diameter Dmax(S)	32.0 mm

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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	9.0 mm
Pull-off force	21.20 N
Suction force (-600mbar)	12.80 N
Weight	21.6 g
Volume	5.988 cm ³
Number of folds	4.5
Suction force at -400 mbar	8.50 N
Suction force at -200 mbar	4.30 N
Product family	SPB4f

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/10.01.06.05075

**Ordering Data Spare Parts 10.01.06.05075**

Typ		Item number
Schmalz-Connector	SC 080 NPT3/8-AG	10.01.06.03664
Bellows suction cup (round)	SPB4 30 SI-55 SC080	10.01.06.02589

