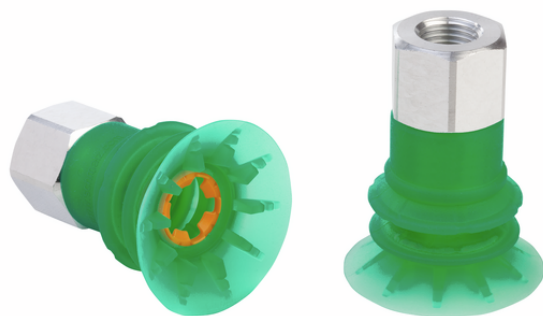


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Technical data

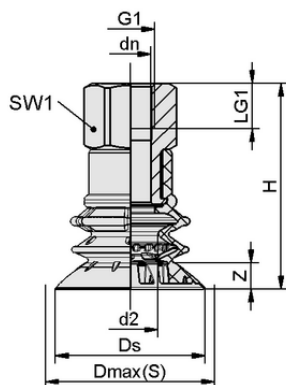
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	30.00
Number of folds	2.5
Thread G1	NPT1/4"-F

SPB2f 30 SI-55 NPT1/4-IG

Suction cup SPB2f (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB2f - elastomer part, available in various diameters
- Connection element of type SC - available with various threads

Available spare parts: suction cup SPB2f, Schmalz-Connector



Design data

Attribute	Value
Height H	49.80 mm
Nominal diameter dn	10.30 mm
d2	7.2 mm
Thread G1	NPT1/4"-F
Thread length LG1	12.8 mm
Key width SW1	22.0 mm
Spring stroke Z	5.0 mm
Diameter Ds	30.0 mm
Diameter Dmax(S)	32.0 mm

Design data SPB2f 30 SI-55 NPT1/4-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	9.0 mm
Suction force (-600mbar)	12.80 N
Weight	52.40 g
Volume	7.183 cm ³
Size	30.00
Number of folds	2.5
Suction force at -400 mbar	8.50 N
Suction force at -200 mbar	4.30 N
Product family	SPB2f

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/10.01.06.05051

**Ordering Data Spare Parts 10.01.06.05051**

Typ		Item number
Schmalz-Connector	SC 080 NPT1/4-IG	10.01.06.03663
Bellows suction cup (round)	SPB2f 30 SI-55 SC080	10.01.06.03643

