

Art.-Nr.: 10.01.06.05082



SPB4f 40 SI-55 NPT1/4-IG

Technical data

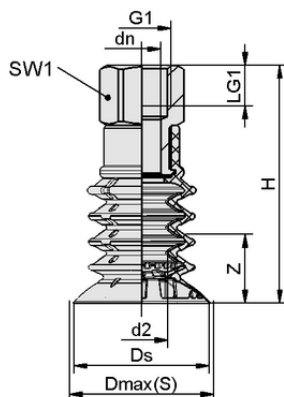
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	4.5
Thread G1	NPT1/4"-F

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 40 SI-55 NPT1/4-IG

Design data

Attribute	Value
Height H	69.50 mm
Nominal diameter dn	10.30 mm
d2	15.3 mm
Thread G1	NPT1/4"-F
Thread length LG1	12.8 mm
Key width SW1	22.0 mm
Spring stroke Z	18.0 mm
Diameter Ds	39.7 mm
Diameter Dmax(S)	42.0 mm

Art.-Nr.: 10.01.06.05082

**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	23.80 N
Suction force (-600mbar)	20.40 N
Weight	31.30 g
Volume	15.120 cm ³
Number of folds	4.5
Suction force at -400 mbar	13.60 N
Suction force at -200 mbar	6.80 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/10.01.06.05082

**Ordering Data Spare Parts 10.01.06.05082**

Typ		Item number
Schmalz-Connector	SC 080 NPT1/4-IG	10.01.06.03663
Bellows suction cup (round)	SPB4f 40 SI-55 SC080	10.01.06.03265

