

Bellows suction cup SI-HD (round)  
**SPB4f 40 SI-HD-65 SC080**



Art.-Nr.: 10.01.06.03448



**Technical data**

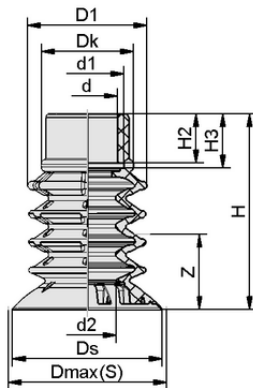
Attribute	Value
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65.0 Shore A
Size	40.00
Number of folds	4.5

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Suction cup SPB4f (elastomer part + connection element) with integrated bag stabilizer is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

- Suction cup of type SPB4f (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen, hose clamp



**Design data**

Attribute	Value
Height H2	13.00 mm
Height H	52.00 mm
Outside diameter D1	31.6 mm
Head diameter Dk	24.4 mm
Internal diameter d1	19.6 mm
d2	15.3 mm
Internal diameter d	16.00 mm
Spring stroke Z	18.0 mm
Diameter Ds	39.7 mm
Height H3	14.40 mm
Diameter Dmax(S)	42.0 mm

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**Technical data**

Attribute	Value
Nipple family	SC 080
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65.0 Shore A
Suction force (-600mbar)	20.40 N
Weight	11.30 g
Volume	15.120 cm <sup>3</sup>
Size	40.00
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/10.01.06.03448](http://www.schmalz.com/10.01.06.03448)

