

Art.-Nr.: 10.01.06.03378



SPB4 20 SI-HD-65 SC080

Suction cup SPB4 (elastomer part + connection element) is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

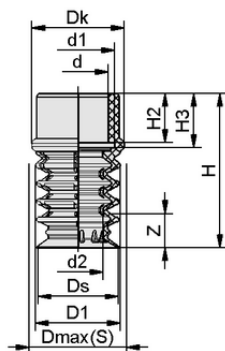
- Suction cup of type SPB4 (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen, hose clamp, insert disc

Technical data

Attribute	Value
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65.0 Shore A
Size	20.00
Number of folds	4.5

Design data



Attribute	Value
Height H2	13.00 mm
Height H	41.00 mm
Outside diameter D1	22.0 mm
Head diameter Dk	24.4 mm
Internal diameter d1	19.6 mm
d2	13.5 mm
Internal diameter d	16.00 mm
Spring stroke Z	10.0 mm
Diameter Ds	21.4 mm
Height H3	14.40 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

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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)	8.00 N
Weight	6.7 g
Volume	7.900 cm ³
Size	20.00
Number of folds	4.5
Suction force at -400 mbar	5.30 N
Suction force at -200 mbar	2.60 N
Pull-off force at -400 mbar	7.00 N
Pull-off force at -200 mbar	4.90 N
Product family	SPB4

Note: Suction force: The specified suction forces are theoretical values with a dry, smooth and even workpiece surface - they do not include a safety factor

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.03378

**Ordering Data Accessories 10.01.06.03378**

Typ		Item number
Schmalz-Connector	SC 080 G1/4-AG	10.01.06.03268
Schmalz-Connector	SC 080 G1/4-IG	10.01.06.03271
Schmalz-Connector	SC 080 G1/8-AG	10.01.06.03142
Schmalz-Connector	SC 080 G1/8-IG	10.01.06.03270
Schmalz-Connector	SC 080 G3/8-AG	10.01.06.02593
Schmalz-Connector	SC 080 G3/8-IG	10.01.06.02594
Sieve, round	SIEB 17x0.8 MS-A2 103 0.103/0.07	10.07.01.00320
Schmalz Pad Insert PE	SPI 16 PE SPB4-20	10.01.06.02915
Hose clamp	SSB 16-27 ST-VZ	10.07.10.00002

