

## Bellows suction cup SI-HD (round)

SPB4 20 SI-HD-65 SC080

Part no...:10.01.06.03378

<https://www.schmalz.com/10.01.06.03378>

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### Bellows suction cup (round) with 4.5 folds for wear-resistant handling



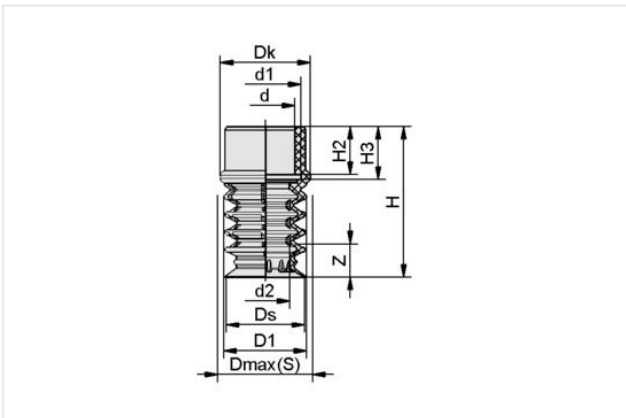
Size: 20

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Number of folds: 4.5

### Design Data



Attribute	Value
d	16 mm
d1	19.60 mm
d2	13.50 mm
D1	22 mm
Dk	24.40 mm
Dmax(S)	24.40 mm
Ds	21.40 mm
H	41 mm
H2	13 mm
H3	14.40 mm
Z (Stroke)	10 mm

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

### Technical Data

Attribute	Value
Suction force at -200 mbar	2.60 N
Suction force at -400 mbar	5.30 N
Suction force (-600mbar)	8 N
Pull-off force at -200 mbar	4.90 N
Pull-off force at -400 mbar	7 N

### Contact Schmalz

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Volume	7.90 cm <sup>3</sup>
Size	20
Nipple family	SC 080
Number of folds	4.50
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65 Shore A
Weight	6.70 g
Product family	SPB4

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

### Accessories



#### SC 080 G1/4-AG

Part no...:10.01.06.03268

Connection geometry: 080

Vacuum connection: G1/4"-M

Length L1: 32 mm

Fitting length: 7.5 mm

Nominal diameter dn: 8 mm



#### SC 080 G1/4-IG

Part no...:10.01.06.03271

Connection geometry: 080

Vacuum connection: G1/4"-F

Length L1: 32 mm

Fitting length: 17.5 mm

Nominal diameter dn: 11 mm

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### SC 080 G1/8-AG

Part no...:10.01.06.03142

Connection geometry: 080

Vacuum connection: G1/8"-M

Length L1: 28 mm

Fitting length: 7.5 mm

Nominal diameter dn: 4 mm



### SC 080 G1/8-IG

Part no...:10.01.06.03270

Connection geometry: 080

Vacuum connection: G1/8"-F

Length L1: 32 mm

Fitting length: 17.5 mm

Nominal diameter dn: 8.6 mm



### SC 080 G3/8-AG

Part no...:10.01.06.02593

Connection geometry: 080

Vacuum connection: G3/8"-M

Length L1: 32 mm

Fitting length: 7.5 mm

Nominal diameter dn: 10.3 mm

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### SC 080 G3/8-IG

Part no...:10.01.06.02594

Connection geometry: 080

Vacuum connection: G3/8"-F

Length L1: 32 mm

Fitting length: 17.5 mm

Nominal diameter dn: 11 mm



### SIEB 17x0.8 MS-A2 103 0.103/0.07

Part no...:10.07.01.00320

External diameter D: 17 mm

Length L: 0.8 mm

Material: Brass / Stainless steel

Filter pore size: 103 µm



### SPI 16 PE SPB4-20

Part no...:10.01.06.02915

Size: 16

Material: Polyethylene

Use: SPB4-20

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### SSB 16-27 ST-VZ

Part no...:10.07.10.00002

Clamping range: 16.0 ... 27.0 mm

Material: Steel

Surface: galvanised