

Bellows suction cup (round)

SPB2f 30 SI-55 SC080

Part no...:10.01.06.03643

<https://www.schmalz.com/10.01.06.03643>

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Bellows suction cup (round) for very uneven workpieces



Size: 30

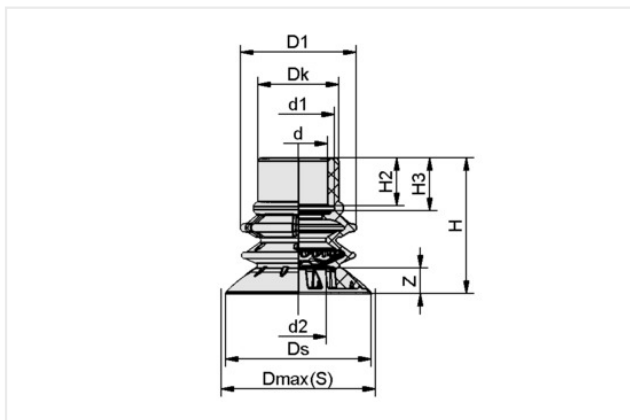
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	16 mm
d1	19.60 mm
d2	7.20 mm
D1	24.40 mm
Dk	22 mm
Dmax(S)	32 mm
Ds	30 mm
H	32.30 mm
H2	13 mm
H3	14.40 mm
Z (Stroke)	5 mm

Technical Data

Attribute	Value
Suction force at -200 mbar	4.30 N
Suction force at -400 mbar	8.50 N
Suction force (-600mbar)	12.80 N
Volume	7.18 cm ³
Hose diameter (rec.) d	9 mm
Size	30

Contact Schmalz

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Nipple family	SC 080
Number of folds	2.50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	5.50 g
Product family	SPB2f

Accessories



SC 080 NPT1/4-AG

Part no.:10.01.06.03662

Connection geometry: 080

Vacuum connection: NPT1/4-M

Length L1: 32.2 mm

Fitting length: 7.5 mm

Nominal diameter dn: 8 mm



SC 080 NPT1/4-IG

Part no.:10.01.06.03663

Connection geometry: 080

Vacuum connection: NPT1/4-F

Length L1: 32 mm

Fitting length: 17.5 mm

Nominal diameter dn: 10.3 mm

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SC 080 NPT3/8-AG

Part no...:10.01.06.03664

Connection geometry: 080

Vacuum connection: NPT3/8-M

Length L1: 32.4 mm

Fitting length: 7.5 mm

Nominal diameter dn: 10.3 mm



SC 080 NPT3/8-IG

Part no...:10.01.06.03665

Connection geometry: 080

Vacuum connection: NPT3/8-F

Length L1: 32 mm

Fitting length: 17.5 mm

Nominal diameter dn: 10.3 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