

Bellows suction pad (oval)

SPOB1f 80x35 SI-55 G1/4-AG

Part no.:10.01.06.03740

<https://www.schmalz.cn/10.01.06.03740>

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Bellows suction cup (oval) for high dynamic on curved, oily surfaced workpieces



Dimensions (LxB): 80 x 35

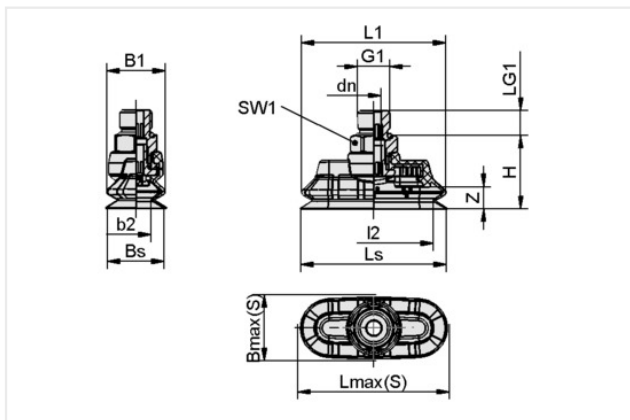
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Thread G1: G1/4"-M

Number of folds: 1.5

Design Data



Attribute	Value
b2	21 mm
B1	35 mm
Bmax(S)	38 mm
Bs	34.50 mm
dn	6.10 mm
G1	G1/4"-M
H	34.20 mm
l2	66 mm
L1	80 mm
LG1	10 mm
Lmax.(S)	83 mm
Ls	79.50 mm
SW1	17 mm
Z (Stroke)	11 mm

Technical Data

Attribute	Value
Suction force at -200 mbar	24.90 N
Suction force at -400 mbar	49.80 N
Suction force	74.70 N
Volume	26.12 cm ³

Contact Schmalz

Schmalz (Shanghai) Co. Ltd. | Room 805, Yangguang Plaza, No.777 East GaoKe Road, 201210 Pudong, Shanghai, China
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Workpiece width (min)	30 mm
Hose diameter (rec.) d	8 mm
Dimensions (LxB)	80 x 35
Number of folds	1.50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	25.60 g
Product family	SPOB1f

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

Accessories



SC-SW 60 6

Part no.:10.05.04.00096

Spanner size SW1: 6 mm

Nominal size: 60



SC-SW 80 6

Part no.:10.05.04.00097

Spanner size SW1: 6 mm

Nominal size: 80

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SC-SW 100 6

Part no.:10.05.04.00098

Spanner size SW1: 6 mm

Nominal size: 100



SC-SW 120 6

Part no.:10.05.04.00099

Spanner size SW1: 6 mm

Nominal size: 120



SC-SW 200 6

Part no.:10.05.04.00100

Spanner size SW1: 6 mm

Nominal size: 200

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SC-SW 240 6

Part no.:10.05.04.00101

Spanner size SW1: 6 mm

Nominal size: 240

Spare parts



SC 050-AR G1/4-AG MOD

Part no.:10.01.06.03741

Connection geometry: 050-AR

Thread G1: G1/4"-M

Length L1: 26.5 mm

Fitting length: 7.2 mm

Nominal diameter dn: 6.1 mm



SPOB1f 80x35 SI-55 SC050-AR

Part no.:10.01.06.03627

Dimensions (LxB): 80 x 35

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Number of folds: 1.5

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