

Bell suction cup (oval)

SAOG 95x40 NBR-45 G3/8-IG

<https://www.schmalz.com/10.01.01.11615>



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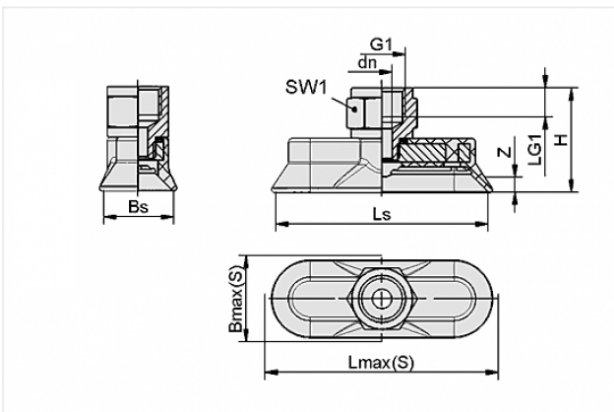
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Bell suction cup (oval) for very dynamic handling of smooth and oily workpieces



Dimensions (LxB): 95 x 40 mm
Suction cup material:
Nitrile rubber NBR
Material hardness: 45 °Sh
Nipple material: Brass, nickel-plated
Vacuum connection: G3/8-F

Design Data



Attribute	Value
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Bmax(S)	46 mm
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Bs	40 mm
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dn	6 mm
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G1	G3/8"-F
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H	35.5 mm
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LG1	9 mm
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Lmax(S)	102 mm
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Ls	95 mm
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SW1	22 mm
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Z	6 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Suction force	165 N
Lateral force	97 N
Lateral force (oily surface)	68 N
Volume	26.9 cm ³
Curve radius (min) (convex)	25 mm
Internal hose diameter (recom.)	6 mm
Dimensions (LxB)	95 x 40 mm
Suction cup material	Nitrile rubber NBR
Weight	47.3 g
Number of folds	0

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m