

Bell suction cup (oval)

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SAOG 95x40 NBR-45
M14x1.5-AG

Part no.: 10.01.01.11656

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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:

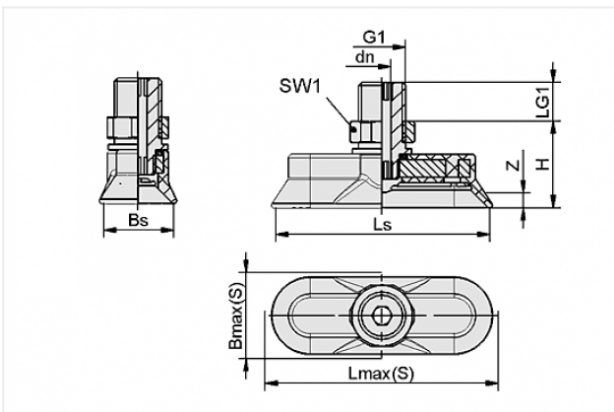
Nitrile rubber NBR

Material hardness: 45 °Sh

Nipple material: Aluminium

Vacuum connection: M14x1.5-M

Design Data



Attribute	Value
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Bmax(S)	46 mm
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Bs	40 mm
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dn	5.2 mm
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G1	M14x1.5-M
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H	29.5 mm
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LG1	10 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.)	4 mm
Dimensions (LxB)	95 x 40 mm
Suction cup material	Nitrile rubber NBR
Weight	61.5 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