Bell suction cup (oval)

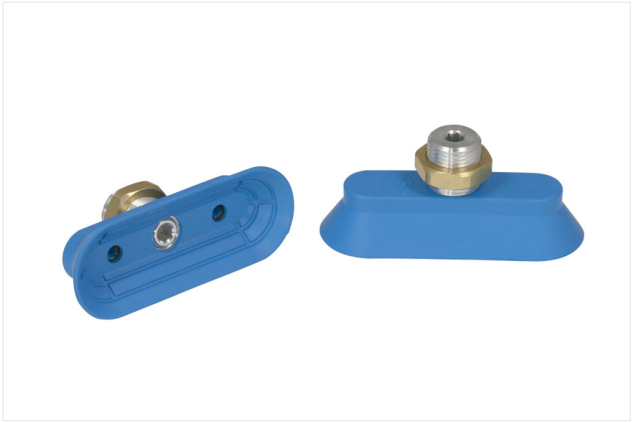
SAOG 80x30 NBR-45 G3/8-AG

Part no..:10.01.01.11651

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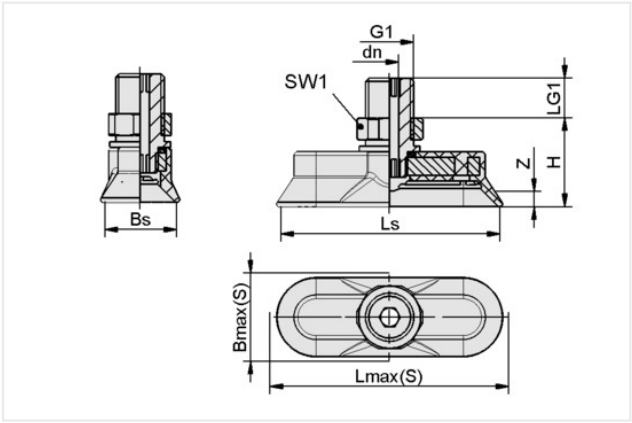
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Bell suction cup (oval) for very dynamic handling of smooth and oily workpieces



- Dimensions (LxB): 80 x 30
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 45 Shore A
- Nipple material: Aluminum
- Connection: G3/8-AG

Design Data



Attribute	Value
Bmax(S)	36 mm
Bs	30 mm
dn	5 mm
G1	G3/8"-M
H	24 mm
LG1	8 mm
Lmax(S)	86 mm
Ls	80 mm
SW1	22 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 (-600mbar)	105 N
Lateral force	65 N
Lateral force (oily surface)	45 N
Volume	13.20 cm^3
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Dimensions (LxB)	80 x 30

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Suction cup material	Nitrile rubber NBR
Weight	43.20 g
Number of folds	0
Product family	SAOG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat 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