Bellows suction cup (oval)

SAOB 60x30 HT1-60 G1/4-AG

Part no..:10.01.06.03156

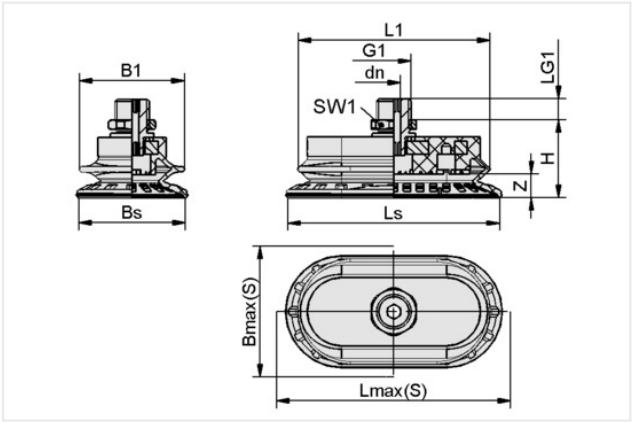
https://www.schmalz.com/10.01.06.03156

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



- Dimensions (LxB): 60 x 30
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: G1/4-AG
- Number of folds: 1.5

Design Data



Attribute	Value
B1	31 mm
Bmax(S)	33 mm
Bs	30.60 mm
dn	5 mm
G1	G1/4"-M
H	27 mm
L1	55.70 mm
LG1	8 mm
Lmax(S)	63 mm
Ls	60.60 mm
SW1	17 mm
Z (Stroke)	7 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	38 N
Pull-off force	69.50 N
Lateral force	80.10 N
Lateral force (oily surface)	40.50 N
Volume	10.50 cm³

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Bellows suction cup (oval)

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Curve radius (min) (convex)	18 mm
Hose diameter (rec.) d	4 mm
Dimensions (LxB)	60 x 30
Number of folds	1.50
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Weight	30 g
Product family	SAOB

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

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