Bellows suction cup (oval)

SAOB 110x55 HT1-60 G3/8-AG

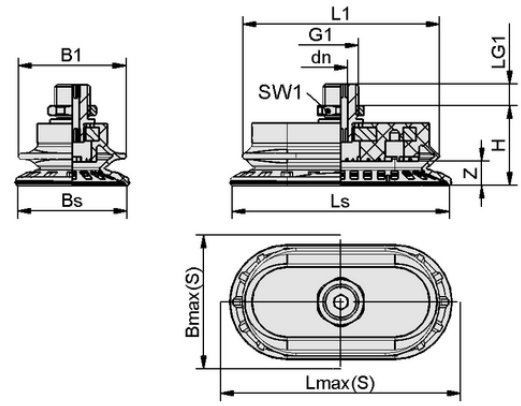
Art.-Nr.: 10.01.06.03207

SAOB 110x55 HT1-60 G3/8-AG

Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Dimension (LxW)	110 x 55
Number of folds	1.5
Connection	G3/8-AG
Nipple material	Aluminum

Suction cup SAOB HT1, available in various diameters, is delivered with connection nipple glued to elastomer part.



Design data SAOB 110x55 HT1-60 G3/8-AG

Design data

Attribute	Value
Length L1	98.80 mm
Width B1	53.00 mm
Height H	33.50 mm
Nominal diameter dn	6.10 mm
Thread G1	G3/8"-M
Thread length LG1	8.0 mm
Key width SW1	22.0 mm
Spring stroke Z	12.0 mm
Suction cup width Bs	55.10 mm
Ls	110.10 mm

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

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Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	50.0 mm
Pull-off force	233.50 N
Suction force (-600mbar)	110.00 N
Weight	79.7 g
Dimension (LxW)	110 x 55
Lateral force	299.2 N
Lateral force oily surface	123.6 N
Volume	53.100 cm^3
Number of folds	1.5
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 even 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

Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.01.06.03207**

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