

Flat suction cup (oval)

SAOF 100x50 HT2-65 G1/4-AG

Art.-Nr.: 10.01.05.00755

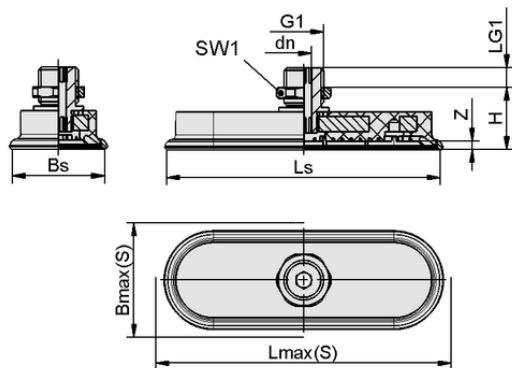


Technical data

Attribute	Value
Suction cup material	High temperature material HT2
Material hardness [Shore A]	65.0 Shore A
Dimension (LxW)	100 x 50
Connection	G1/4-AG
Nipple material	Aluminum

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Suction cup SAOF HT2, available in various dimensions, is delivered with connection nipple glued to elastomer part.



Design data

Attribute	Value
Height H	22.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-M
Thread length LG1	8.0 mm
Key width SW1	17.0 mm
Spring stroke Z	5.0 mm
Suction cup width Bs	48.10 mm
Ls	101.10 mm
Lmax.(S)	106.00 mm
Bmax(S)	54.00 mm

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**Technical data**

Attribute	Value
Suction cup material	High temperature material HT2
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	75.0 mm
Suction force (-600mbar)	217.00 N
Weight	81.1 g
Dimension (LxW)	100 x 50
Lateral force	177.0 N
Volume	21.800 cm ³
Temperature resistance	200.0 °C
Number of folds	0.0
Connection	G1/4"-M
Product family	SAOF

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner 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/10.01.05.00755

