

Flat suction cup (oval)

SAOF 80x40 HT2-65 G1/4-AG

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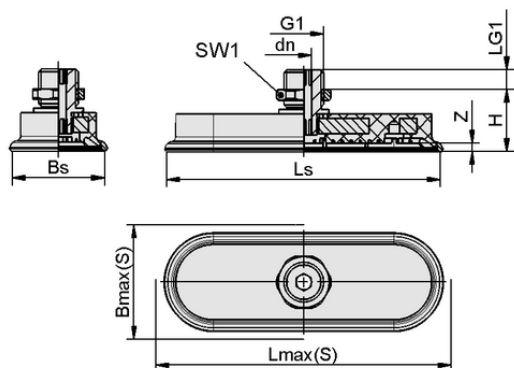


Technical data

Attribute	Value
Suction cup material	High temperature material HT2
Material hardness [Shore A]	65.0 Shore A
Dimension (LxW)	80 x 40
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	20.00 mm
Nominal diameter dn	5.00 mm
Thread G1	G1/4"-M
Thread length LG1	8.0 mm
Key width SW1	17.0 mm
Spring stroke Z	4.0 mm
Suction cup width Bs	38.60 mm
Ls	80.60 mm
Lmax.(S)	85.00 mm
Bmax(S)	43.00 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	4.0 mm
Workpiece radius min. (convex)	50.0 mm
Suction force (-600mbar)	140.00 N
Weight	42.6 g
Dimension (LxW)	80 x 40
Lateral force	108.0 N
Volume	11.700 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/10.01.05.00751

