

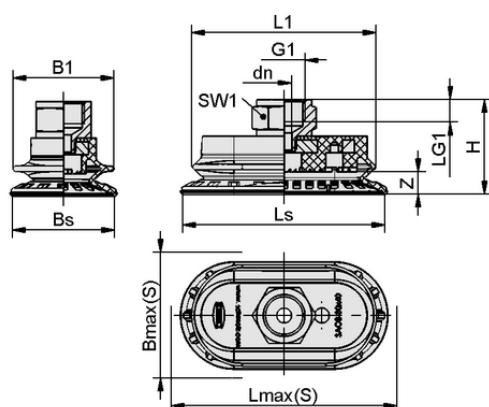


Technical data

Attribute	Value
Suction cup material	High temperature material HT2
Material hardness [Shore A]	65.0 Shore A
Dimension (LxW)	80 x 40
Connection	G3/8-IG
Nipple material	Nickel plated

SAOB 80x40 HT2-65 G3/8-IG

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



Design data

Attribute	Value
Length L1	73.30 mm
Width B1	40.00 mm
Height H	37.70 mm
Nominal diameter dn	6.00 mm
Thread G1	G3/8"-F
Thread length LG1	9.0 mm
Key width SW1	22.0 mm
Spring stroke Z	9.0 mm
Suction cup width Bs	40.60 mm
Ls	80.60 mm

Design data SAOB 80x40 HT2-65 G3/8-IG

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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)	40.0 mm
Pull-off force	100.00 N
Suction force (-600mbar)	65.00 N
Weight	79.4 g
Dimension (LxW)	80 x 40
Lateral force	98.0 N
Volume	21.800 cm ³
Number of folds	1.5
Product family	SAOB

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/10.01.06.02445