

Bellows suction cup HT1 (round)

SAB 125 HT1-60 G1/4-AG

Part no.:10.01.06.03065

<https://www.schmalz.com/10.01.06.03065>



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Bellows Suction Cups SAB (1.5 Folds) > SAB 125 HT1-60 G1/4-AG

Bellows suction cup (round) for markless handling of workpieces



Size: 125

Suction cup material:

High temp material HT1

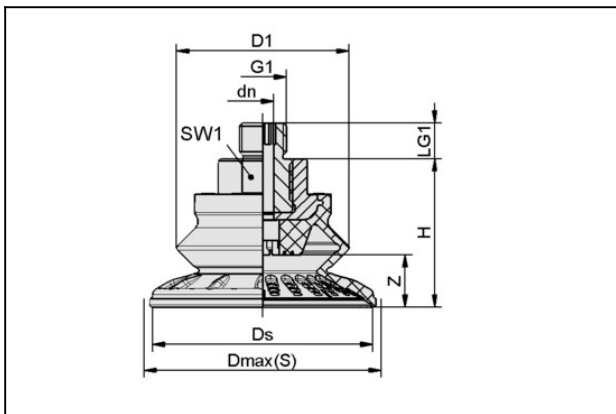
Material hardness: 60 °Sh

Vacuum connection: G1/4"-M

Number of folds: 1.5

Nipple material: Aluminium

Design Data



Attribute	Value
dn	6 mm
D1	94 mm
Dmax(S)	135 mm
Ds	126 mm
G1	G1/4"-AG
H	67.8 mm
LG1	10 mm
SW1	22 mm
Z (Stroke)	32 mm

Technical Data

[Contact to Schmalz](#)

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Attribute	Value
Suction force (-600mbar)	250 N
Pull-off force	558 N
Lateral force	352 N
Lateral force (oily surface)	335 N
Volume	191 cm ³
Curve radius (min) (convex)	140 mm
Hose diameter (empf.) d	9 mm
Size	125
Number of folds	1.5
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Weight	179.3 g
Product family	SAB

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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