

Bellows suction cup HT1 (round)

SAB 80 HT1-60 G1/4-IG

Part no.:10.01.06.02778

<https://www.schmalz.com/10.01.06.02778>



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Bellows Suction Cups SAB (1.5 Folds) > SAB 80 HT1-60 G1/4-IG

Bellows suction cup (round) for markless handling of workpieces



Size: 80

Suction cup material:

High temp material HT1

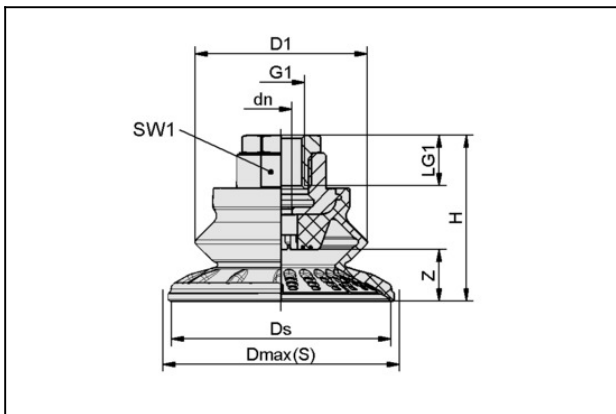
Material hardness: 60 °Sh

Vacuum connection: G1/4"-F

Number of folds: 1.5

Nipple material: Brass, nickel-plated

Design Data



Attribute	Value
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dn	6 mm
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D1	63.6 mm
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Dmax(S)	89 mm
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Ds	81.1 mm
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G1	G1/4"-IG
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H	54.9 mm
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LG1	20 mm
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SW1	22 mm
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Z (Stroke)	22.1 mm
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Technical Data

[Contact to Schmalz](#)

Schmalz Sp.z.o.o. | Kobaltowa 4, 62-002 Złotniki, Polen | +48 22 460 49 70 | schmalz@schmalz.pl

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Attribute	Value
Suction force (-600mbar)	135 N
Pull-off force	221 N
Lateral force	145 N
Lateral force (oily surface)	140 N
Volume	56.5 cm ³
Curve radius (min) (convex)	75 mm
Hose diameter (empf.) d	6 mm
Size	80
Number of folds	1.5
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Weight	75.9 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