

Bellows suction cup HT1 (round)

SAB 22 HT1-60 G1/4-IG



Art.-Nr.: 10.01.06.02722

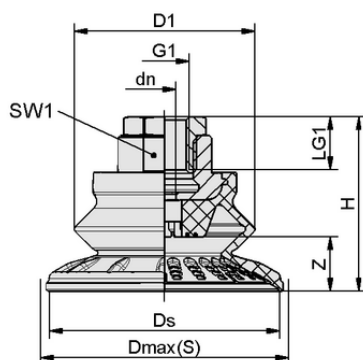


Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	22.00
Number of folds	1.5
Connection	G1/4-IG
Nipple material	Aluminum

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Suction cup SAB HT1, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.



Design data

Attribute	Value
Height H	25.00 mm
Outside diameter D1	22.0 mm
Nominal diameter dn	3.50 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	16.0 mm
Spring stroke Z	5.8 mm
Diameter Ds	20.6 mm
Diameter Dmax(S)	24.0 mm

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**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	20.0 mm
Pull-off force	24.00 N
Suction force (-600mbar)	16.00 N
Weight	12.0 g
Lateral force	18.0 N
Lateral force oily surface	6.0 N
Volume	1.500 cm ³
Size	22.00
Number of folds	1.5
Product family	SAB

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/10.01.06.02722

