

Bell suction cup (round)

SAG 80 NBR-60 G1/4-IG

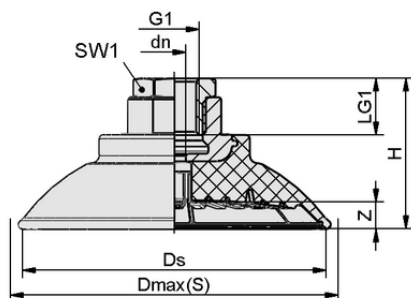
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SAG 80 NBR-60 G1/4-IG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Size	80.00
Connection	G1/4-IG
Nipple material	Aluminum



Design data

Attribute	Value
Height H	40.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-F
Thread length LG1	15.0 mm
Key width SW1	22.0 mm
Spring stroke Z	12.8 mm
Diameter Ds	83.0 mm
Diameter Dmax(S)	90.7 mm

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	70.0 mm
Suction force (-600mbar)	217.00 N
Weight	59.10 g
Lateral force	284.0 N
Lateral force oily surface	167.0 N
Volume	44.000 cm ³
Size	80.00
Number of folds	0.0
Product family	SAG

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/10.01.01.12268

