Bellows suction cup (round)

SAB 125 NBR-60 G1/4-IG

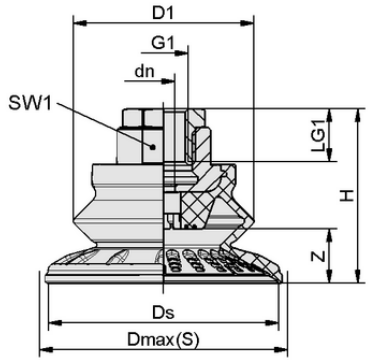
Art.-Nr.: 10.01.06.00854

SAB 125 NBR-60 G1/4-IG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Size	125.00
Number of folds	1.5
Connection	G1/4-IG
Nipple material	Nickel plated

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



Design data SAB 125 NBR-60 G1/4-IG

Design data

Attribute	Value
Height H	72.80 mm
Outside diameter D1	94.0 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-F
Thread length LG1	20.0 mm
Key width SW1	22.0 mm
Spring stroke Z	32.0 mm
Diameter Ds	126.0 mm
Diameter Dmax(S)	135.0 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

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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	9.0 mm
Workpiece radius min. (convex)	140.0 mm
Pull-off force	558.00 N
Suction force (-600mbar)	250.00 N
Weight	183.10 g
Lateral force	410.0 N
Lateral force oily surface	335.0 N
Volume	220.000 cm^3
Size	125.00
Number of folds	1.5
Product family	SAB

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

Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.01.06.00854**

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