Bellows suction cup (round)

SAB 60 NBR-60 RA

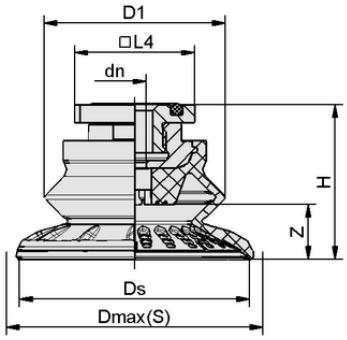
Art.-Nr.: 10.01.06.01056

SAB 60 NBR-60 RA

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Size	60.00
Number of folds	1.5
Connection	RA
Nipple material	Aluminum

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



Design data SAB 60 NBR-60 RA

Design data

Attribute	Value
Height H	41.00 mm
Outside diameter D1	48.0 mm
Nominal diameter dn	6.00 mm
Spring stroke Z	14.5 mm
Diameter Ds	61.1 mm
Length L4	31.80 mm
Diameter Dmax(S)	67.0 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	6.0 mm
Workpiece radius min. (convex)	65.0 mm
Pull-off force	130.00 N
Suction force (-600mbar)	82.00 N
Weight	49.20 g
Lateral force	145.0 N
Lateral force oily surface	77.0 N
Volume	28.800 cm^3
Size	60.00
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/10.01.06.01056**

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