Bellows suction cup (round)

SAB 100 NBR-60 M14x1.5-AG

Part no..:10.01.06.01014

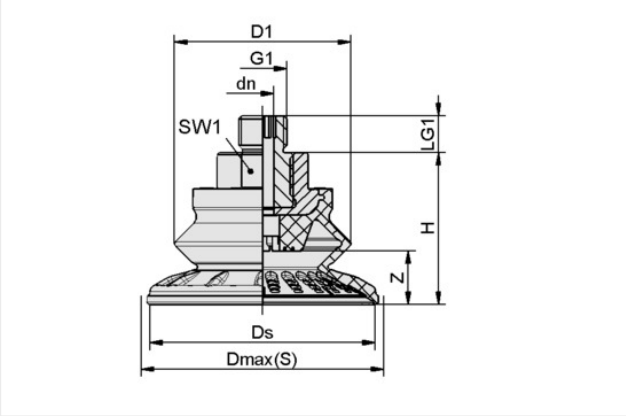
https://www.schmalz.com/10.01.06.01014

Bellows suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 100
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: M14x1.5-AG
- Number of folds: 1.5

Design Data



Attribute	Value
dn	6 mm
D1	77 mm
Dmax(S)	110 mm
Ds	100.80 mm
G1	M14x1.5-M
H	56.60 mm
LG1	12 mm
SW1	22 mm
Z (Stroke)	25.80 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	190 N
Pull-off force	357 N
Lateral force	295 N
Lateral force (oily surface)	214 N
Volume	115 cm³
Curve radius (min) (convex)	90 mm
Hose diameter (rec.) d	6 mm

Contact Schmalz
Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 8026 2403
schmalz@schmalz.co.kr

Bellows suction cup (round)

SAB 100 NBR-60 M14x1.5-AG

Part no..:10.01.06.01014

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Size	100
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60 Shore A
Weight	98.30 g
Product family	SAB
Number of folds	1.50

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

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