Bellows suction cup (round)

SAB 40 NBR-60 G1/4-AG

Part no..:10.01.06.00803

https://www.schmalz.ru/10.01.06.00803

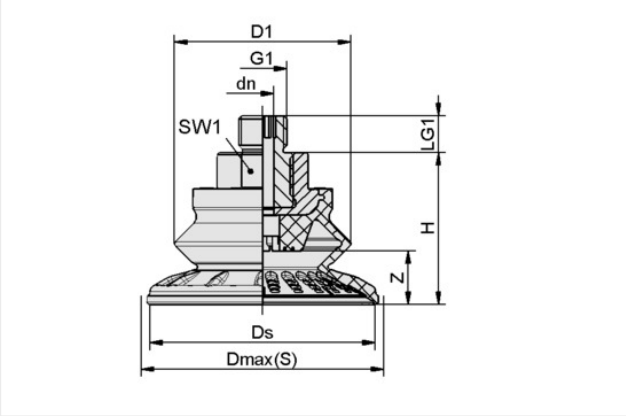
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups SAB (1.5 Folds) > SAB 40 NBR-60 G1/4-AG

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



- Size: 40
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: G1/4-AG
- Number of folds: 1.5

Design Data



Attribute	Value
dn	4 mm
D1	32 mm
Dmax(S)	45 mm
Ds	40.10 mm
G1	G1/4"-M
H	28.80 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	10 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	38 N
Pull-off force	59 N
Lateral force	58 N
Lateral force (oily surface)	33 N
Volume	8.68 cm³
Curve radius (min) (convex)	40 mm
Hose diameter (rec.) d	4 mm

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Size	40
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60 Shore A
Weight	19.60 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