Bellows suction cup (round)

SAB 22 NBR-60 G3/8-IG

Part no..:10.01.06.01650

https://www.schmalz.com/10.01.06.01650

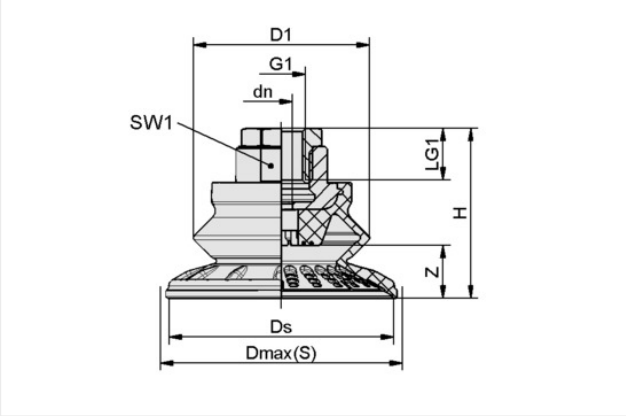
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Bellows suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 22
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Nickel plated
- Connection: G3/8-IG
- Number of folds: 1.5

Design Data



Attribute	Value
dn	3.50 mm
D1	22 mm
Dmax(S)	24 mm
Ds	20.60 mm
G1	G3/8"-F
H	41 mm
LG1	9.50 mm
SW1	22 mm
Z (Stroke)	5.80 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	16 N
Pull-off force	24 N
Lateral force	18 N
Lateral force (oily surface)	6 N
Volume	2.48 cm^3
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm

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Size	22
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60 Shore A
Weight	9 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