Flat suction cup (round)

SAF 100 NBR-45 G1/4-AG

Part no..:10.01.01.11470

https://www.schmalz.com/10.01.01.11470

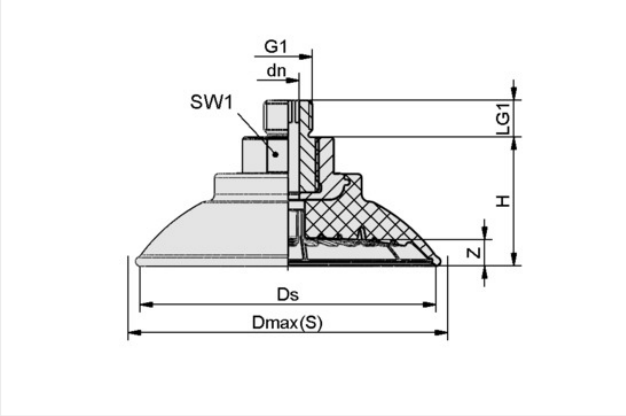
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Flat suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 100
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 45 Shore A
- Nipple material: Aluminum
- Connection: G1/4-AG

Design Data



Attribute	Value
dn	6 mm
Dmax(S)	110 mm
Ds	103 mm
G1	G1/4"-M
H	36 mm
LG1	10 mm
SW1	22 mm
Z (Stroke)	9.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	430 N
Lateral force	310 N
Lateral force (oily surface)	300 N
Volume	59.90 cm³
Curve radius (min) (convex)	135 mm
Hose diameter (rec.) d	6 mm
Size	100

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Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45 Shore A
Weight	76.30 g
Number of folds	0
Product family	SAF

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

Accessories



SU 100

Part no..:10.01.01.12840

Size: 100
Clamping range: 100.0 ... 115.0 mm
Temperature resistance: 80 °C