

Flat suction cup (round)

SAF 60 NBR-45 G1/4-AG

Part no.: 10.01.01.11450

<https://www.schmalz.co.jp/10.01.01.11450>

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



Size: 60

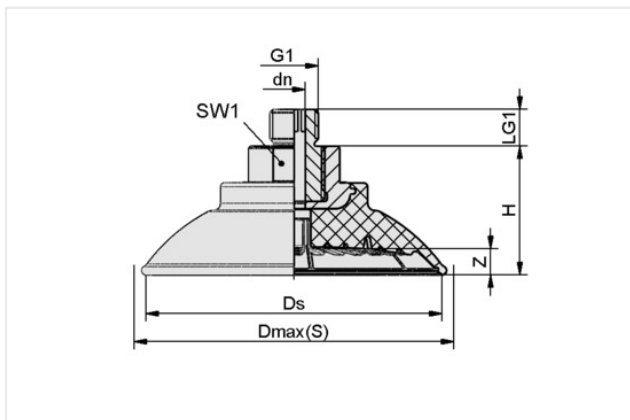
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

Design Data



Attribute	Value
dn	6 mm
Dmax (S)	67 mm
Ds	60.60 mm
G1	G1/4"-M
H	31 mm
LG1	10 mm
SW1	22 mm
Z (Stroke)	6 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	150 N
Lateral force	105 N
Lateral force (oily surface)	85 N
Volume	16.70 cm ³
Curve radius (min) (convex)	75 mm
Hose diameter (rec.) d	6 mm
Size	60

Contact Schmalz

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Suction cup material Nitrile rubber NBR

Material hardness [Shore A] 45 Shore A

Weight 46.40 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 60

Part no.: 10.01.01.13585

Size: 60

Clamping range: 60.0 ... 70.0 mm

Temperature resistance: 80 ° C