Flat suction cup (round)

SAF 80 NBR-45 G3/8-IG

Part no..:10.01.01.11404

https://www.schmalz.com/10.01.01.11404

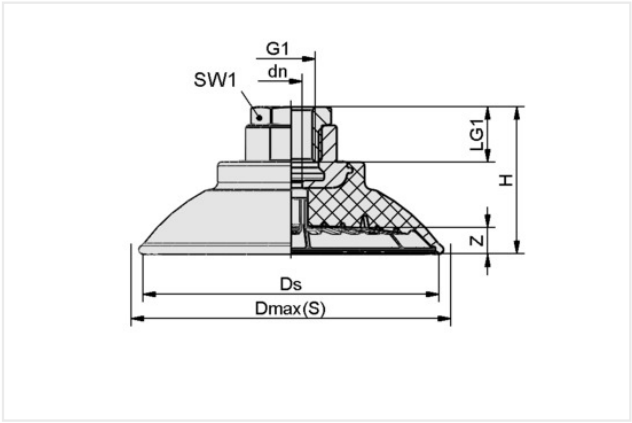
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Flat suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 80
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 45 Shore A
- Nipple material: Aluminum
- Connection: G3/8-IG

Design Data



Attribute	Value
dn	6 mm
Dmax(S)	89 mm
Ds	83 mm
G1	G3/8"-F
H	35 mm
LG1	15 mm
SW1	22 mm
Z (Stroke)	7.60 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	272 N
Lateral force	205 N
Lateral force (oily surface)	180 N
Volume	36.70 cm^3
Curve radius (min) (convex)	100 mm
Hose diameter (rec.) d	6 mm
Size	80

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Part no..:10.01.01.11404

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Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45 Shore A
Weight	56 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 80

Part no..:10.01.01.12839

Size: 80
Clamping range: 80.0 ... 100.0 mm
Temperature resistance: 80 °C

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