

Flat suction cup (round)

SAF 30 NBR-45 G1/4-IG

Part no.:10.01.01.11400

<https://www.schmalz.com/10.01.01.11400>

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



Size: 30

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: G1/4-IG

Design Data



Attribute	Value
dn	4 mm
Dmax(S)	34 mm
Ds	31 mm
G1	G1/4"-F
H	20 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	3 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	38 N
Lateral force	30 N
Lateral force (oily surface)	28 N
Volume	2.72 cm ³
Curve radius (min) (convex)	40 mm
Hose diameter (rec.) d	4 mm
Size	30

Contact Schmalz

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Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45 Shore A
Weight	11.60 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 30

Part no.:10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C