Flat suction cup (round)

SAF 30 NBR-60 M14x1.5-AG

Part no..:10.01.01.10730

https://www.schmalz.com/10.01.01.10730

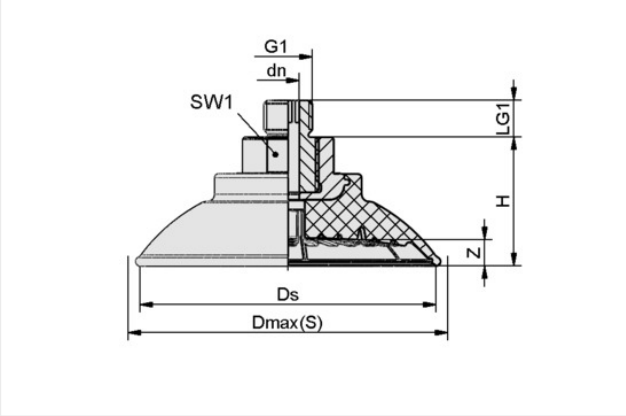
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Flat suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 30
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: M14x1.5-AG

Design Data



Attribute	Value
dn	4 mm
Dmax(S)	34 mm
Ds	31 mm
G1	M14x1.5-M
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
Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 |
schmalz@schmalz.at

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Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60 Shore A
Weight	17.70 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