

Flat suction cup (oval)

SGON 90x30 NBR-70 G1/4-IG

Part no.:10.01.05.00091

<https://www.schmalz.com/10.01.05.00091>

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Flat suction cup (oval) for long and also curved workpieces



Dimensions (LxB): 90 x 30

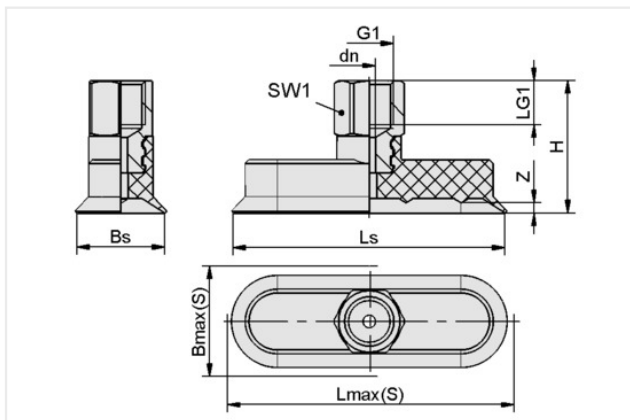
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Nipple material: Aluminum

Connection: G1/4"-F

Design Data



Attribute	Value
Bmax(S)	33 mm
Bs	30 mm
dn	3.50 mm
G1	G1/4"-F
H	36 mm
LG1	12 mm
Lmax(S)	92.50 mm
Ls	90 mm
SW1	17 mm
Z (Stroke)	3.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	112.60 N
Volume	9.74 cm ³
Curve radius (min) (convex)	35 mm
Hose diameter (rec.) d	6 mm
Dimensions (LxB)	90 x 30
Number of folds	0
Suction cup material	Nitrile rubber NBR

Contact Schmalz

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Material hardness [Shore A]	70 Shore A
Weight	35.30 g
Product family	SGON

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SA-NIP N023 G1/4-IG DN350

Part no.:10.01.05.00121

Thread G1: G1/4"-F
Length L1: 25 mm
Fitting length: 15 mm
Nominal diameter dn: 3.5 mm
Material: Aluminum



ZOKL 15-18

Part no.:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm
Material: Galvanized steel

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SGO 90x30 NBR-70 N023

Part no...:10.01.05.00156

Dimensions (LxB): 90 x 30

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A



ZOKL 15-18

Part no...:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel

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