Flat suction cup (oval)

SGON 18x6 NBR-55 M5-AG

Part no..:10.01.05.00104

https://www.schmalz.com/10.01.05.00104

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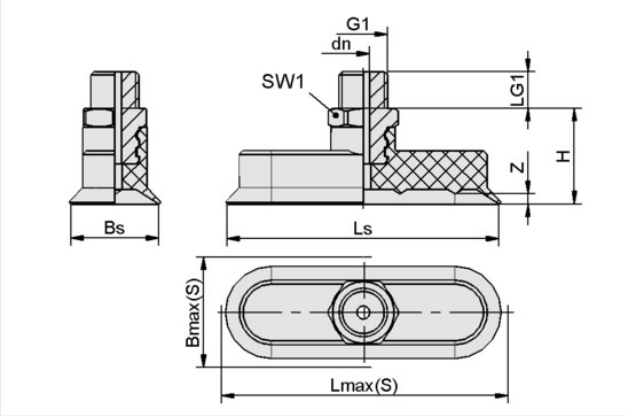
Flat suction cup (oval) for long and also curved workpieces

- Dimensions (LxB): 18 x 6
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Connection: M5-M

Design Data



Attribute	Value
Bmax(S)	7 mm
Bs	6 mm
dn	1.50 mm
G1	M5-M
H	17 mm
LG1	5 mm
Lmax(S)	18.50 mm
Ls	18 mm
SW1	8 mm
Z (Stroke)	0.80 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	4.50 N
Volume	0.21 cm^3
Curve radius (min) (convex)	4 mm
Hose diameter (rec.) d	2 mm
Dimensions (LxB)	18 x 6
Number of folds	0
Suction cup material	Nitrile rubber NBR

Contact Schmalz
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Material hardness [Shore A]	55 Shore A
Weight	3.70 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 N021 M5-AG DN200

Part no..:10.01.05.00126

Thread G1: M5-M
Length L1: 15.5 mm
Fitting length: 5 mm
Nominal diameter dn: 2 mm
Material: Aluminum

SA-NIP N021 M5-IG DN200

Part no..:10.01.05.00125

Thread G1: M5-F
Length L1: 15.5 mm
Fitting length: 10 mm
Nominal diameter dn: 2 mm
Material: Aluminum

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SGO 18x6 NBR-55 N021

Part no..:10.01.05.00072

Dimensions (LxB): 18 x 6
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A