

Flat suction cup (oval)

SGON 15x5 NBR-55 M5-IG

Part no.: 10.01.05.00105

<https://www.schmalz.co.jp/10.01.05.00105>

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



Dimensions (LxB): 15 x 5

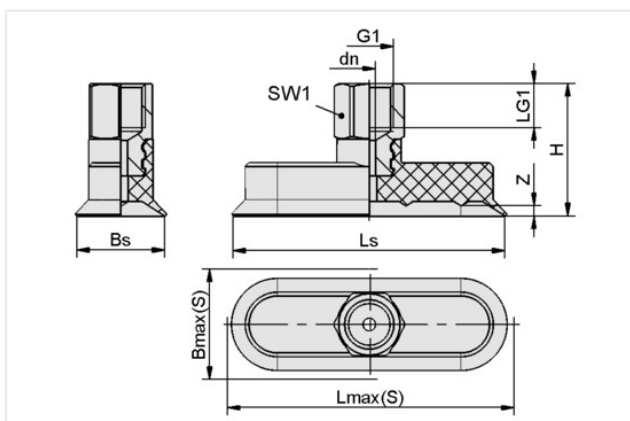
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M5-F

Design Data



Attribute	Value
Bmax (S)	5.50 mm
Bs	5 mm
dn	1.20 mm
G1	M5-F
H	22 mm
LG1	5.50 mm
Lmax (S)	15.50 mm
Ls	15 mm
SW1	8 mm
Z (Stroke)	0.70 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	3.10 N
Volume	0.18 cm ³
Curve radius (min) (convex)	4 mm
Hose diameter (rec.) d	2 mm
Dimensions (LxB)	15 x 5
Number of folds	0
Suction cup material	Nitrile rubber NBR

Contact Schmalz

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Material hardness [Shore A]	55 Shore A
Weight	3.50 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-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



SGO 15x5 NBR-55 N021

Part no.: 10.01.05.00071

Dimensions (LxB): 15 x 5
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A

Contact Schmalz

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