

Flat suction cup (oval)

SGON 7x3.5 NBR-ESD-55 M3-AG

Part no.: 10.01.05.00939

<https://www.schmalz.co.jp/10.01.05.00939>

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



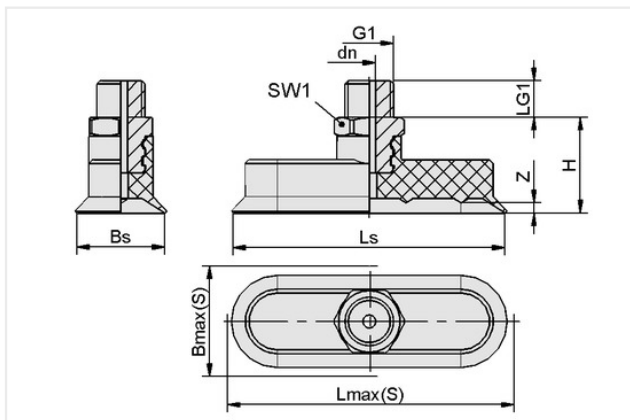
Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M3-M

Design Data



Attribute	Value
Bmax (S)	4.50 mm
Bs	3.50 mm
dn	1 mm
G1	M3-M
H	8 mm
LG1	3 mm
Lmax (S)	7.50 mm
Ls	7 mm
SW1	5 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)	1 N
Volume	0.03 cm ³
Curve radius (min) (convex)	3 mm
Hose diameter (rec.) d	2 mm
Number of folds	0
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight	2 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



SGO 7x3.5 NBR-ESD-55 N003

Part no.: 10.01.05.00929

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Material property: non-marking



SA-NIP N003 M3-AG DN100

Part no.: 10.01.01.00316

Thread G1: M3-M

Length L1: 7.5 mm

Fitting length: 2 mm

Material: Aluminum