

Flat suction cup (round)

SGAN 16 SI-55 G1/8-AG

Part no.: 10.01.01.00810

<https://www.schmalz.co.jp/10.01.01.00810>

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Flat suction cup (round) for particularly sensitive workpieces



Size: 16

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Connection: G1/8"-M

Design Data



Attribute	Value
dn	3 mm
Dmax (S)	17.50 mm
Ds	15 mm
G1	G1/8"-M
H	17 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	6.90 N
Volume	0.61 cm ³
Curve radius (min) (convex)	15 mm
Hose diameter (rec.) d	4 mm
Size	16
Nipple family	N 029
Suction cup material	Silicone SI

Contact Schmalz

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Material hardness [Shore A]	55 Shore A
Weight	5.70 g
Number of folds	0
Product family	SGAN

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 Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SA-NIP N029 G1/8-AG DN350

Part no.: 10.01.01.00816

Thread G1: G1/8"-M

Fitting length: 5 mm

Material: Aluminum



SGA 16 SI-55 N029

Part no.: 10.01.01.00452

Size: 16

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

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