

Flat suction cup (round)

SGAN 16 PU-60 G1/8-AG

Part no.:10.01.01.00812

<https://www.schmalz.com/10.01.01.00812>

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Flat suction cup (round) for particularly sensitive workpieces



Size: 16

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 60 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	Polyurethane PU

Contact Schmalz

Schmalz d.o.o. | Velika Ligojna 4, Vrhnika, Slovenia | +386 70 613 796 | info@schmalz.si

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Material hardness [Shore A]	60 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 PU-55 N029

Part no.:10.01.01.00572

Size: 16

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

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