

Flat suction cup (round)

SGAN 7 SI-55 M5-IG

Part no.:10.01.01.00797

<https://www.schmalz.com/10.01.01.00797>

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Flat suction cup (round) for particularly sensitive workpieces



Size: 7

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Connection: M5-F

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	7.50 mm
Ds	7 mm
G1	M5-F
H	22 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	1 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1.60 N
Volume	0.19 cm ³
Curve radius (min) (convex)	7.50 mm
Hose diameter (rec.) d	2 mm
Size	7
Nipple family	N 028
Suction cup material	Silicone SI

Contact Schmalz

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Material hardness [Shore A]	55 Shore A
Weight	1.70 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 N028 M5-IG DN200

Part no.:10.01.01.00813

Thread G1: M5-F

Fitting length: 10 mm

Material: Aluminum



SGA 7 SI-55 N028

Part no.:10.01.01.00347

Size: 7

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

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