

Flat suction cup (round) sensitive

SGN 16 SI-55 M5-AG

Part no.:10.01.01.10038

<https://www.schmalz.com/10.01.01.10038>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Different Industries > Flat Suction Cups SGN > SGN 16 SI-55 M5-AG

Flat suction cup (round), handling sensitive workpieces with uneven surfaces



Size: 16

Suction cup material: Silicone SI

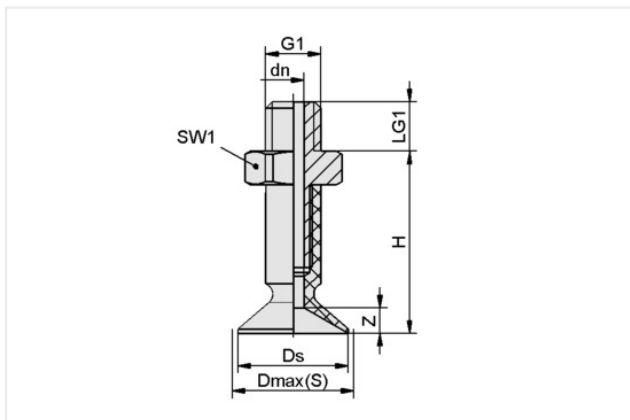
Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M5-AG

Material characteristics: FDA-compatible

Design Data



Attribute	Value
Dmax(S)	17.50 mm
dn	2 mm
Ds	16 mm
G1	M5-M
H	23 mm
LG1	4.50 mm
SW1	8 mm
Z (Stroke)	4 mm

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

Technical Data

Attribute	Value
Number of folds	0
Size	16
Suction cup material	Silicone SI
Suction force (-600mbar)	8 N
Material hardness [Shore A]	55 Shore A

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

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round) sensitive

SGN 16 SI-55 M5-AG

Part no.:10.01.01.10038

<https://www.schmalz.com/10.01.01.10038>

Spare parts



SA-NIP N026 M5-AG DN200

Part no.:10.01.01.00319

Thread G1: M5-M

Fitting length: 3 mm

Material: Aluminum



SG 16 SI-55 N026

Part no.:10.01.01.00602

Size: 16

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Height H: 20 mm

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de