

Bellows suction cups (round)

FSGB 25 SI-55 G1/8-AG

Part no.: 10.01.06.00113

<https://www.schmalz.co.jp/10.01.06.00113>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGB (3.5 Folds) > FSGB 25 SI-55 G1/8-AG

Bellows suction cup (round) for very uneven workpieces



Size: 25

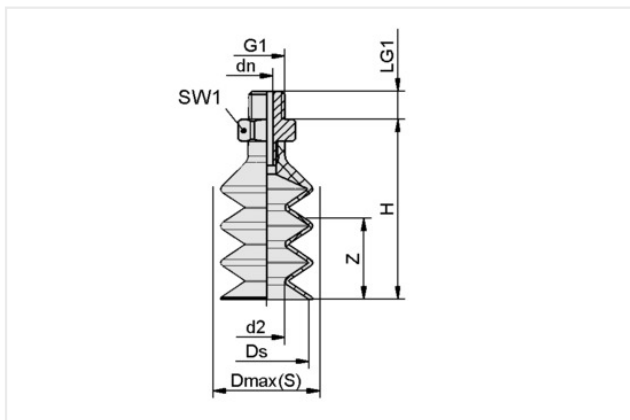
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Number of folds: 3.5

Design Data



Attribute	Value
d2	10 mm
Dmax (S)	26.50 mm
dn	3.50 mm
Ds	23 mm
G1	G1/8"-M
H	51 mm
LG1	7.50 mm
SW1	14 mm
Z (Stroke)	22 mm

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

Technical Data

Attribute	Value
Pull-off force	20 N
Size	25
Weight	9.80 g
Nipple family	N 049
Suction cup material	Silicone SI
Suction force (-600mbar)	4.50 N
Hose diameter (rec.) d	4 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Bellows suction cups (round)

FSGB 25 SI-55 G1/8-AG

Part no.: 10.01.06.00113

<https://www.schmalz.co.jp/10.01.06.00113>

Volume	7.07 cm ³
Curve radius (min) (convex)	25 mm
Product family	FSGB
Number of folds	3.50

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 N049 G1/8-AG DN300

Part no.: 10.01.06.01693

Nipple family: N 049

Thread G1: G1/8"-M

Length L1: 21 mm

Fitting length: 4 mm

Nominal diameter dn: 3 mm

Material: Aluminum



FGB 25 SI-55 N049

Part no.: 10.01.06.00108

Size: 25

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Number of folds: 3.5

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp