

Bellows suction cups (round)

FSGPL 100 NBR-55 G1/2-IG

Part no.:10.01.06.02932

<https://www.schmalz.com/10.01.06.02932>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGPL (1.5 Folds) > FSGPL 100 NBR-55 G1/2-IG

Bellows suction cup (round) for large, heavy and uneven workpieces



Size: 100

Suction cup material: Nitrile rubber NBR

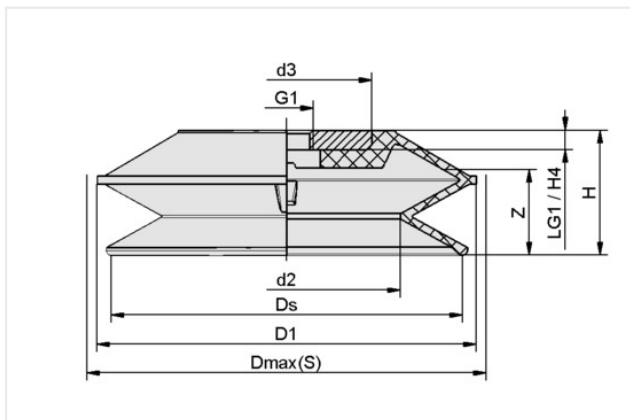
Material hardness [Shore A]: 55 Shore A

Nipple material: Steel

Vacuum connection: G1/2"-F

Number of folds: 1.5

Design Data



Attribute	Value
d2	57.20 mm
d3	44 mm
D1	101 mm
Dmax(S)	106.50 mm
Ds	96.10 mm
G1	G1/2"-F
H	43.30 mm
H4	8 mm
LG1	8 mm
Z (Stroke)	29.10 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	150 N
Pull-off force	250 N
Volume	150 cm ³
Curve radius (min) (convex)	100 mm
Hose diameter (rec.) d	12 mm
Size	100
Suction cup material	Nitrile rubber NBR

Contact Schmalz

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Material hardness [Shore A]	55 Shore A
Weight	151 g
Number of folds	1.50
Product family	FSGPL

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