

Bellows suction cups (round)

FSGPL 120 NBR-55 G1/2-IG

Part no.: 10.01.06.02933

<https://www.schmalz.com/10.01.06.02933>

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



Size: 120

Suction cup material: Nitrile rubber NBR

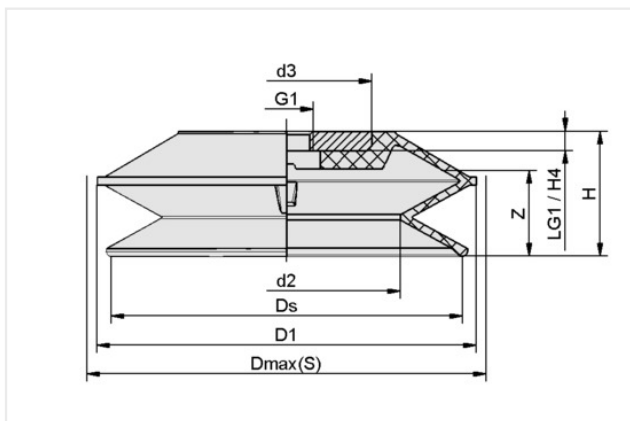
Material hardness [Shore A]: 55 Shore A

Nipple material: Steel

Vacuum connection: G1/2"-F

Number of folds: 1.5

Design Data



Attribute	Value
d2	79.30 mm
d3	69.40 mm
D1	127.80 mm
Dmax(S)	135 mm
Ds	118.20 mm
G1	G1/2"-F
H	51 mm
H4	8 mm
LG1	8 mm
Z (Stroke)	35.70 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	280 N
Pull-off force	400 N
Volume	295.20 cm ³
Curve radius (min) (convex)	150 mm
Hose diameter (rec.) d	12 mm
Size	120
Suction cup material	Nitrile rubber NBR

Contact Schmalz

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Material hardness [Shore A]	55 Shore A
Weight	351 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