

Bellows suction cups (round)

FSGPL 100 HT1-60 G1/2-IG

Part no.:10.01.06.03150

<https://www.schmalz.com/10.01.06.03150>

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



Size: 100

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

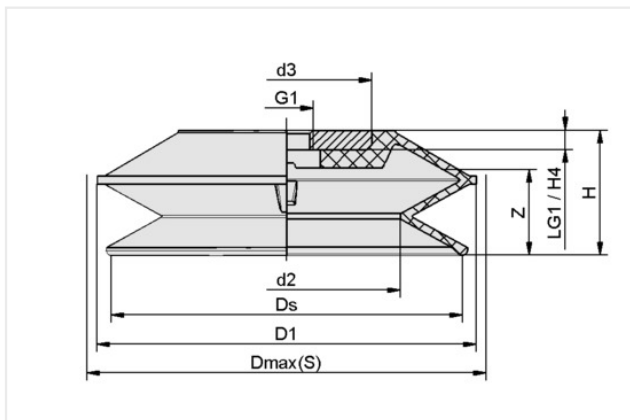
Material property: non-marking

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
Volume	150 cm ³
Curve radius (min) (convex)	100 mm
Hose diameter (rec.) d	12 mm
Size	100
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

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Weight	145 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