

Bellows suction cups (round)

FSGPL 150 HT1-60 G1/2-IG

Part no.:10.01.06.03145

<https://www.schmalz.com/10.01.06.03145>

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



Size: 150

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

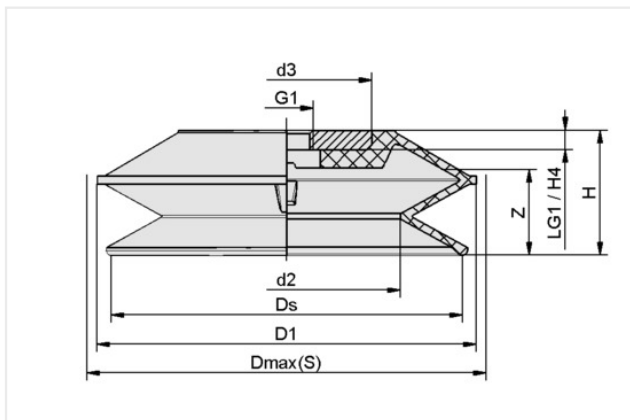
Material property: non-marking

Nipple material: Steel

Vacuum connection: G1/2"-F

Number of folds: 1.5

Design Data



Attribute	Value
d2	93 mm
d3	69.40 mm
D1	155 mm
Dmax(S)	160 mm
Ds	143.50 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)	370 N
Pull-off force	600 N
Volume	449.34 cm ³
Curve radius (min) (convex)	250 mm
Hose diameter (rec.) d	12 mm
Size	150
Suction cup material	High temperature material HT1

Contact Schmalz

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Material hardness [Shore A]	60 Shore A
Weight	416 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