

Bellows suction cup (round)

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



FSGPL 100 HT1-60 G1/2-IG

Part no.: 10.01.06.03150

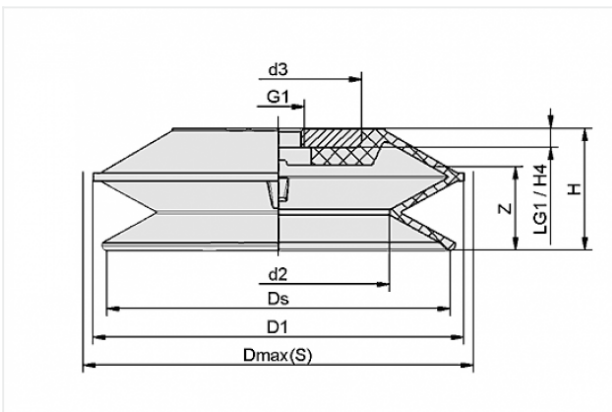
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Bellows suction cup (round) for large, heavy and uneven workpieces



Size: 100
Suction cup material:
High temp material HT1
Material hardness: 60 °Sh
Vacuum connection: G1/2-F
Nipple material: Steel
Number of folds: 1.5

Design Data



Attribute	Value
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d2	57.2 mm
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d3	44 mm
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D1	101 mm
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Dmax(S)	106.5 mm
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Ds	96.1 mm
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G1	G1/2"-F
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H	43.3 mm
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H4	8 mm
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LG1	8 mm
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Z	29.1 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Suction force	150 N
Volume	150 cm ³
Curve radius (min) (convex)	100 mm
Internal hose diameter (recom.)	12 mm
Size	100
Suction cup material	High temp material HT1
Material hardness	60 °Sh
Weight	145 g
Number of folds	1.5
Product family	FSGPL

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
 - Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m
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