

Bellows suction cup (round)

FG 3 SI-55 N055

Part no.: 10.01.06.03705

<https://www.schmalz.co.jp/10.01.06.03705>

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Bellows suction cup (round) for very uneven workpieces



Size: 3

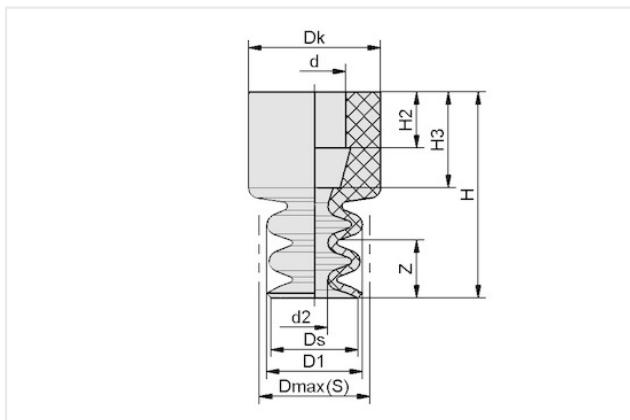
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	1.70 mm
d1	2.30 mm
d2	1.80 mm
D1	3.60 mm
Dk	3.60 mm
Dmax (S)	4 mm
Ds	3 mm
H	6.70 mm
H2	2.10 mm
H3	2.70 mm
Z (Stroke)	1.10 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.15 N
Pull-off force	0.40 N
Volume	0.02 cm ³
Curve radius (min) (convex)	4 mm
Hose diameter (rec.) d	2 mm

Contact Schmalz

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Size	3
Nipple family	N 055
Number of folds	2.50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Product family	FG

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