Bellows suction cups (round)

FSG 4 HT1-60 M5-IG

Part no..:10.01.06.02969

https://www.schmalz.com/10.01.06.02969

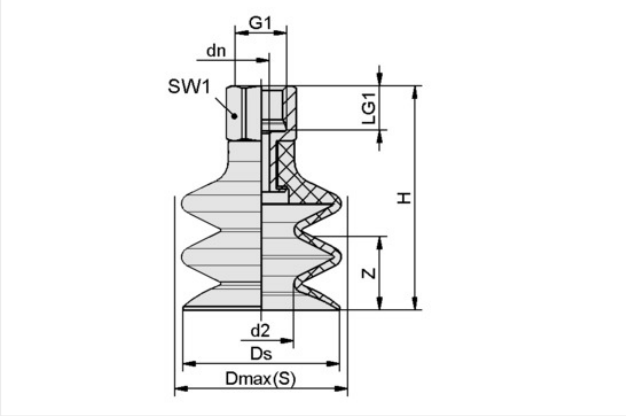
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Bellows suction cup (round) for very uneven workpieces



- Size: 4
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: M5-F
- Number of folds: 2.5
- Vacuum connection: M5-F

Design Data



Attribute	Value
d2	2.40 mm
dn	2 mm
Dmax(S)	5.50 mm
Ds	3.80 mm
G1	M5-F
H	24 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	1.50 mm

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

Technical Data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Size	4
Number of folds	2.50
Connection	M5-IG
Curve radius (min) (convex)	4 mm
Volume	0.05 cm^3

Bellows suction cups (round)

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Suction force (-600mbar)	0.27 N
Pull-off force	0.60 N
Hose diameter (rec.) d	2 mm
Weight	1.80 g
Product family	FSG

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SA-NIP N017 M5-IG DN200

Part no..:10.01.06.00313

Thread G1: M5-F
Fitting length: 10 mm
Material: Aluminum



FG 4 HT1-60 N017

Part no..:10.01.06.02930

Size: 4
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 2.5