Bellows suction cups (round)

FSGA 4 HT1-60 M3-AG

Part no..:10.01.06.04145

https://www.schmalz.ru/10.01.06.04145

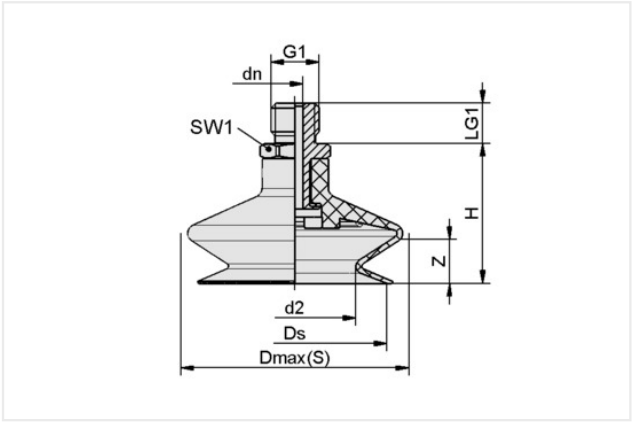
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 4
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: M3-M
- Number of folds: 1.5
- Vacuum connection: M3-M

Design Data



Attribute	Value
d2	2.50 mm
Dmax(S)	5 mm
dn	1 mm
Ds	4 mm
G1	M3-M
H	7.50 mm
LG1	3 mm
SW1	5 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	1.50
Connection	M3-AG
Curve radius (min) (convex)	1.50 mm
Volume	0.04 cm^3

Contact Schmalz
OOO Schmalz | Mozhayskoe highway 165, bdg1, 121596 Moscow, Russia | +7 495 9671248 | post@ruschmalz.ru

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Suction force (-600mbar)	0.29 N
Pull-off force	0.50 N
Hose diameter (rec.) d	2.70 mm
Product family	FSGA

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 N003 M3-AG DN100

Part no..:10.01.01.00316

Thread G1: M3-M
Length L1: 7.5 mm
Fitting length: 2 mm
Material: Aluminum



FGA 4 HT1-60 N003

Part no..:10.01.06.04093

Size: 4
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 1.5