Bellows suction cups (round)

FSGA 63 SI-55 G1/4-IG

Part no..:10.01.06.00692

https://www.schmalz.ru/10.01.06.00692

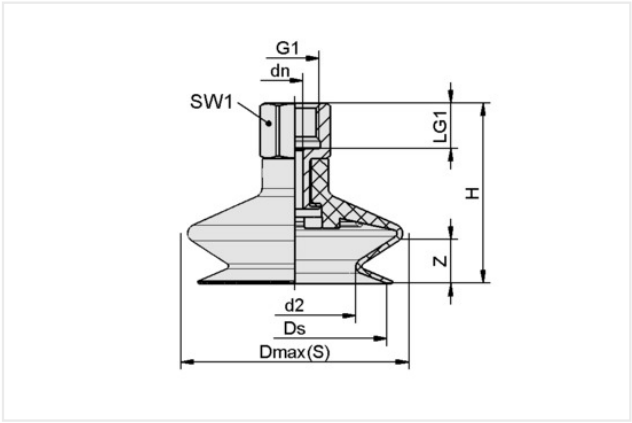
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 63
- Suction cup material: Silicone SI
- Material hardness [Shore A]: 55 Shore A
- Material characteristics: FDA-compatible
- Nipple material: Aluminum
- Connection: G1/4"-F
- Number of folds: 1.5
- Vacuum connection: G1/4"-F

Design Data



Attribute	Value
d2	44.50 mm
Dmax(S)	68 mm
dn	4.40 mm
Ds	60 mm
G1	G1/4"-F
H	49 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	15 mm

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

Technical Data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Size	63
Number of folds	1.50
Connection	G1/4-IG
Curve radius (min) (convex)	100 mm
Volume	43.83 cm³

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Suction force (-600mbar)	85 N
Pull-off force	135 N
Hose diameter (rec.) d	6 mm
Weight	34 g
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 N018 G1/4-IG DN440

Part no..:10.01.06.01066

Nipple family: N 018
Thread G1: G1/4"-F
Length L1: 28.8 mm
Fitting length: 15 mm
Nominal diameter dn: 4.4 mm
Spanner size SW2: 5 mm
Material: Aluminum



FGA 63 SI-55 N018

Part no..:10.01.06.00689

Size: 63
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible
Number of folds: 1.5