Bellows suction cups (round)

FSGA 43 NBR-55 G1/4-AG

Part no..:10.01.06.00082

https://www.schmalz.com/10.01.06.00082

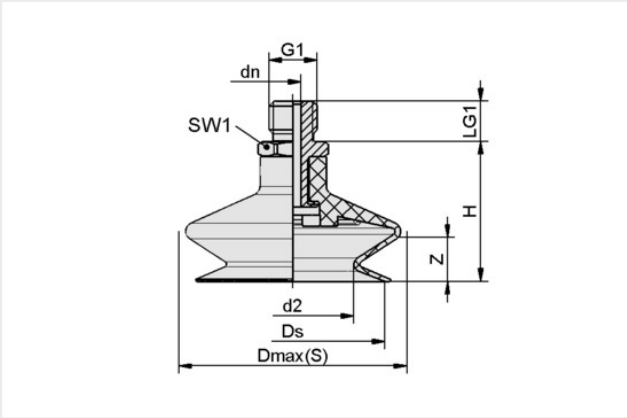
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Bellows suction cup (round) with optimal adaptation to uneven surfaces



- Size: 43
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Connection: G1/4"-M
- Number of folds: 1.5
- Vacuum connection: G1/4"-M

Design Data



Attribute	Value
d2	21.90 mm
Dmax(S)	47.50 mm
dn	4.40 mm
Ds	38 mm
G1	G1/4"-M
H	31.60 mm
LG1	11 mm
SW1	17 mm
Z (Stroke)	10 mm

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

Technical Data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Size	43
Number of folds	1.50
Connection	G1/4-AG
Curve radius (min) (convex)	60 mm
Volume	11.45 cm^3

Bellows suction cups (round)

FSGA 43 NBR-55 G1/4-AG

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Suction force (-600mbar)	22.80 N
Pull-off force	64.50 N
Hose diameter (rec.) d	6 mm
Weight	19 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-AG DN440

Part no..:10.01.06.01065

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



FGA 43 NBR-55 N018

Part no..:10.01.06.00131

Size: 43
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A
Number of folds: 1.5