Bellows suction cups (round)

FSG 18 NBR-ESD-55 M5-AG

Part no..:10.01.06.04494

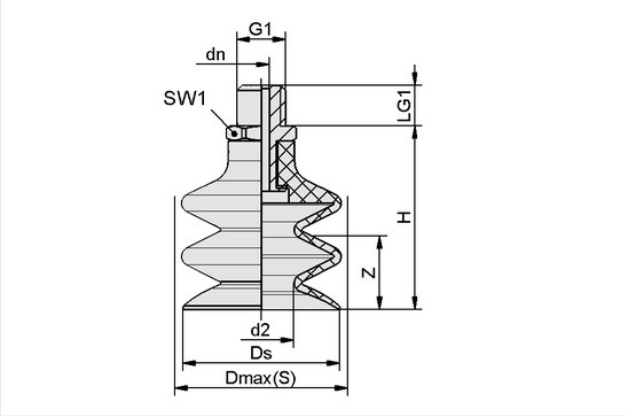
https://www.schmalz.com/10.01.06.04494

Bellows suction cup (round) for very uneven workpieces



- Size: 18
- Suction cup material: Nitrile rubber NBR-ESD
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Connection: M5-M
- Number of folds: 2.5
- Vacuum connection: M5-M

Design Data



Attribute	Value
d2	8 mm
dn	2.50 mm
Dmax(S)	19 mm
Ds	17.20 mm
G1	M5-M
H	27.60 mm
LG1	5 mm
SW1	7 mm
Z (Stroke)	9 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-ESD
Material hardness [Shore A]	55 Shore A
Size	18
Number of folds	2.50
Connection	M5-AG
Curve radius (min) (convex)	20 mm
Volume	1.35 cm³

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Suction force (-600mbar)	3.02 N
Pull-off force	8.50 N
Hose diameter (rec.) d	2 mm
Weight	2.90 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



FG 18 NBR-ESD-55 N062

Part no..:10.01.06.04458

Size: 18
Suction cup material: Nitrile rubber NBR-ESD
Material hardness [Shore A]: 55 Shore A
Number of folds: 2.5



SA-NIP N062 M5-AG DN250

Part no..:10.01.06.05668

Thread G1: M5-M
Length L1: 15.9 mm
Fitting length: 5 mm
Nominal diameter dn: 2.5 mm
Material: Aluminum