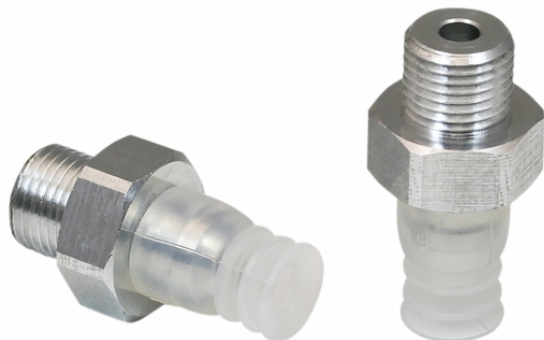


Bellows suction cups (round)

FSG 9 SI-55 G1/8-AG



Art.-Nr.: 10.01.06.00036



Technical data

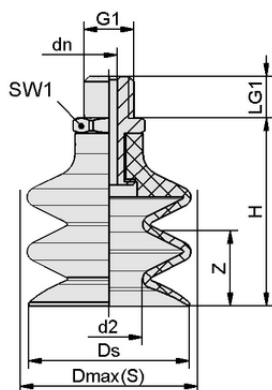
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	9.00
Number of folds	2.5
Connection	G1/8"-M
Vacuum connection	G1/8"-M
Nipple material	Aluminum
Material characteristics	FDA-compatible

FSG 9 SI-55 G1/8-AG

Suction cup FSG (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type FG – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup FG, connection nipple SA-NIP



Design data

Attribute	Value
Height H	21.00 mm
Nominal diameter dn	3.50 mm
d2	4.1 mm
Thread G1	G1/8"-M
Thread length LG1	7.5 mm
Key width SW1	14.0 mm
Spring stroke Z	3.0 mm
Diameter Ds	9.0 mm
Diameter Dmax(S)	9.5 mm

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

Design data FSG 9 SI-55 G1/8-AG



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Bellows suction cups (round)

FSG 9 SI-55 G1/8-AG



Art.-Nr.: 10.01.06.00036



Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	10.0 mm
Pull-off force	2.30 N
Suction force (-600mbar)	0.79 N
Weight	4.5 g
Volume	0.150 cm ³
Size	9.00
Number of folds	2.5
Product family	FSG
Connection	G1/8-AG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even 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



Further documentation

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.00036



Ordering Data Accessories 10.01.06.00036

Typ	Item number
Schmalz Pad Insert PEEK	10.01.06.03280



Ordering Data Spare Parts 10.01.06.00036

Typ	Item number
Suction cup connection nipple	10.01.06.05735



Ordering Data Wear Parts 10.01.06.00036

Typ	Item number
Bellows suction cup (round)	10.01.06.00056



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