

Bellows suction cups (round)

FSG 12 SI-MD-55 G1/8-AG



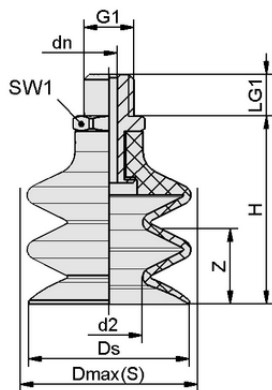
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FSG 12 SI-MD-55 G1/8-AG

Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	12.00
Number of folds	2.5
Connection	G1/8"-M
Nipple material	Aluminum
Material characteristics	FDA-compatible



Design data FSG 12 SI-MD-55 G1/8-AG

Design data

Attribute	Value
Height H	27.00 mm
Nominal diameter dn	3.50 mm
d2	5.0 mm
Thread G1	G1/8"-M
Thread length LG1	7.5 mm
Key width SW1	14.0 mm
Spring stroke Z	7.0 mm
Diameter Ds	12.0 mm
Diameter Dmax(S)	13.0 mm



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**Technical data**

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	12.5 mm
Pull-off force	3.50 N
Suction force (-600mbar)	1.18 N
Weight	4.9 g
Volume	0.600 cm ³
Size	12.00
Number of folds	2.5
Product family	FSG
Connection	G1/8-AG

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner 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/10.01.06.05707

**Ordering Data Spare Parts 10.01.06.05707**

Typ		Item number
Bellows suction cup (round)	FG 12 SI-MD-55 N016	10.01.06.04134
Suction cup connection nipple	SA-NIP N016 G1/8-AG DN350	10.01.06.05735

