

Bellows suction cup (round)

FG 5 SI-CO-55 N017

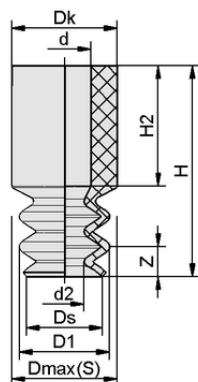
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Technical data

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Size	5.00
Number of folds	2.5



Design data FG 5 SI-CO-55 N017

Design data

Attribute	Value
Height H2	8.00 mm
Height H	14.00 mm
Outside diameter D1	6.0 mm
Head diameter Dk	7.0 mm
d2	2.6 mm
Internal diameter d	3.50 mm
Spring stroke Z	2.0 mm
Diameter Ds	5.0 mm
Diameter Dmax(S)	6.5 mm

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



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**Technical data**

Attribute	Value
Nipple family	N 017
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	2.0 mm
Pull-off force	0.80 N
Suction force (-600mbar)	0.32 N
Weight	0.30 g
Volume	1.369 cm ³
Size	5.00
Number of folds	2.5
Product family	FG

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/10.01.06.00643

