

Bellows suction cup (round)

FG 14 SI-CO-55 N016

Art.-Nr.: 10.01.06.03394



FG 14 SI-CO-55 N016

Technical data

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Size	14.00
Number of folds	2.5

Design data

Attribute	Value
Height H2	3.80 mm
Height H	22.80 mm
Outside diameter D1	13.9 mm
Head diameter Dk	10.0 mm
d2	5.4 mm
Internal diameter d	4.50 mm
Spring stroke Z	9.0 mm
Diameter Ds	14.5 mm
Height H3	9.00 mm
Diameter Dmax(S)	15.5 mm

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

Design data FG 14 SI-CO-55 N016



WWW.SCHMALZ.COM/10.01.06.03394

Art.-Nr.: 10.01.06.03394

**Technical data**

Attribute	Value
Nipple family	N 016
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	7.0 mm
Pull-off force	5.70 N
Suction force (-600mbar)	1.37 N
Weight	1.5 g
Volume	1.058 cm ³
Size	14.00
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/10.01.06.03394

