

Flat suction cup (round)

SUF 3 NBR-55 M3-AG



Art.-Nr.: 10.01.01.14291



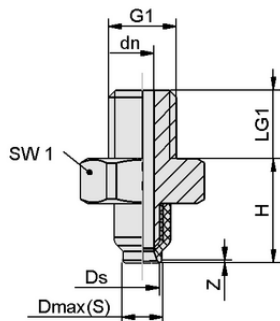
Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	3.00
Vacuum connection	M3-M

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Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



Design data

Attribute	Value
Height H	5.50 mm
Nominal diameter dn	1.00 mm
Thread G1	M3-M
Thread length LG1	3.0 mm
Key width SW1	5.0 mm
Spring stroke Z	0.3 mm
Diameter Ds	3.0 mm
Diameter Dmax(S)	3.7 mm

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Workpiece radius min. (convex)	8.0 mm
Pull-off force	0.30 N
Suction force (-600mbar)	0.30 N
Weight	0.20 g
Volume	0.003 cm ³
Size	3.00
Number of folds	0.0
Product family	SUF

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/10.01.01.14291

**Ordering Data Spare Parts 10.01.01.14291**

Typ		Item number
Schmalz-Connector	SC 010 M3-AG	10.01.06.04249
Flat suction cup (round)	SUF 3 NBR-55 SC010	10.01.01.14285

