

Flat suction cup (round)

SUF 20 SI-CO-55 G1/8-IG



Art.-Nr.: 10.01.01.14143



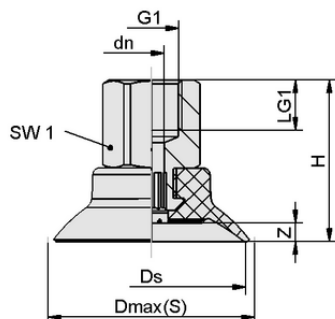
Technical data

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Size	20.00
Vacuum connection	G1/8"-F

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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	23.50 mm
Nominal diameter dn	3.10 mm
Thread G1	G1/8"-F
Thread length LG1	8.0 mm
Key width SW1	14.0 mm
Spring stroke Z	2.0 mm
Diameter Ds	20.0 mm
Diameter Dmax(S)	22.8 mm

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**Technical data**

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	20.0 mm
Pull-off force	15.00 N
Suction force (-600mbar)	15.00 N
Weight	6.50 g
Volume	0.500 cm ³
Size	20.00
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/10.01.01.14143

**Ordering Data Spare Parts 10.01.01.14143**

Typ		Item number
Schmalz-Connector	SC 030 G1/8-IG	10.01.06.04307
Flat suction cup (round)	SUF 20 SI-CO-55 SC030	10.01.01.14037

