

Flat suction cup (round)

SUF 18 SI-CO-55 SC030

Art.-Nr.: 10.01.01.14035



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Technical data

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Size	18.00



Design data

Attribute	Value
Height H2	4.30 mm
Height H	9.30 mm
Head diameter Dk	11.5 mm
Internal diameter d1	7.3 mm
Internal diameter d	5.30 mm
Spring stroke Z	1.8 mm
Diameter Ds	18.0 mm
Height H3	5.80 mm
Diameter Dmax(S)	20.6 mm

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**Technical data**

Attribute	Value
Suction cup material	Silicone SI conductive
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	20.0 mm
Pull-off force	13.00 N
Suction force (-600mbar)	13.00 N
Weight	1.10 g
Volume	0.370 cm ³
Size	18.00
Product family	SUF
Interface nipple family	SC030

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/10.01.01.14035

**Ordering Data Accessories 10.01.01.14035**

Typ		Item number
Schmalz-Connector	SC 030 G1/8-AG	10.01.06.04288
Schmalz-Connector	SC 030 G1/8-IG	10.01.06.04307

