

Flat suction cup (round)

SFF 20 NBR-ESD-55 SC040

Art.-Nr.: 10.01.01.14631



SFF 20 NBR-ESD-55 SC040

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Size	20.00
Number of folds	0.0

Design data

Attribute	Value
Height H2	4.70 mm
Height H	12.80 mm
Head diameter Dk	13.4 mm
Internal diameter d1	10.4 mm
Internal diameter d	7.50 mm
Spring stroke Z	1.3 mm
Diameter Ds	20.0 mm
Height H3	6.80 mm
Diameter Dmax(S)	21.0 mm

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**Technical data**

Attribute	Value
Nipple family	SC 040
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	20.0 mm
Pull-off force	11.80 N
Suction force (-600mbar)	11.60 N
Weight	1.4 g
Volume	0.807 cm ³
Size	20.00
Number of folds	0.0
Product family	SFF

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/10.01.01.14631

**Ordering Data Accessories 10.01.01.14631**

Typ		Item number
Schmalz-Connector	SC 040 G1/8-AG	10.01.06.02490
Schmalz-Connector	SC 040 G1/8-IG	10.01.06.02482

**Ordering Data Spare Parts 10.01.01.14631**

Typ		Item number
Schmalz-Connector	SC 040 M5-AG	10.01.06.04346

