

## Flat suction pad (round)

SUF 5 NBR-ESD-55 M5-IG

Part no...:10.01.01.14239

<https://www.schmalz.com/10.01.01.14239>

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### Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces



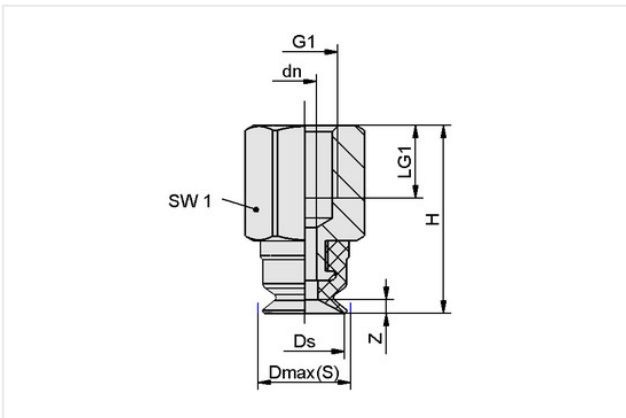
Size: 5

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Vacuum connection: M5-F

### Design Data



Attribute	Value
Dmax(S)	5.70 mm
Ds	5 mm
dn	1.80 mm
G1	M5-F
H	14.20 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	0.50 mm

### Technical Data

Attribute	Value
Suction force (-600mbar)	0.90 N
Pull-off force	0.90 N
Volume	0.01 cm <sup>3</sup>
Curve radius (min) (convex)	8 mm
Hose diameter (empf.) d	2 mm
Size	5
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55 Shore A

### Contact Schmalz

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Weight	1.10 g
Product family	SUF
Number of folds	0

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor  
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Spare parts



#### SC 020 M5-IG

Part no...:10.01.06.04306

Connection geometry: 020

Vacuum connection: M5-F

Fitting length: 8.7 mm

Nominal diameter dn: 1.8 mm



#### SUF 5 NBR-ESD-55 SC020

Part no...:10.01.01.14022

Size: 5

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A