Flat suction cup (round)

SUF 5 NBR-55 M5-IG

Part no..:10.01.01.14221

https://www.schmalz.com/10.01.01.14221

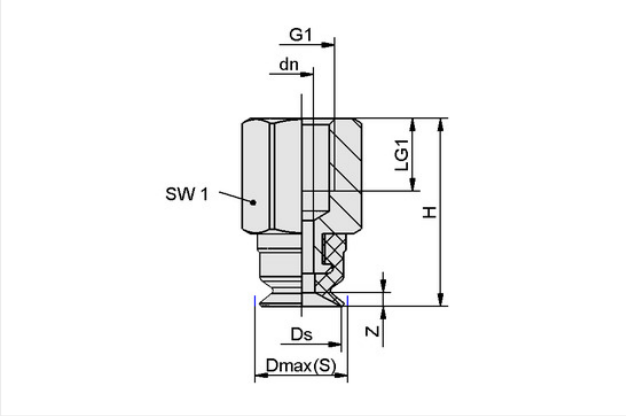
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups SUF > SUF 5 NBR-55 M5-IG

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



- Size: 5
- Suction cup material: Nitrile rubber NBR
- 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 cm³
Curve radius (min) (convex)	8 mm
Hose diameter (rec.) d	2 mm
Size	5
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

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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

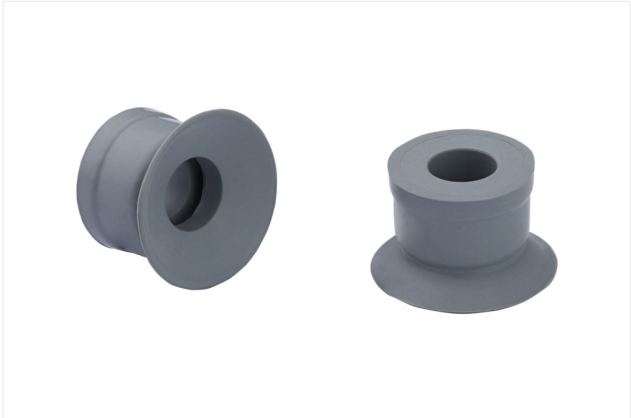
Spare parts



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-55 SC020

Part no..:10.01.01.13940

Size: 5
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A