Flat suction cup (round)

PFYN 80 NBR-55 G1/4-AG

Part no..:10.01.01.00149

https://www.schmalz.com/10.01.01.00149

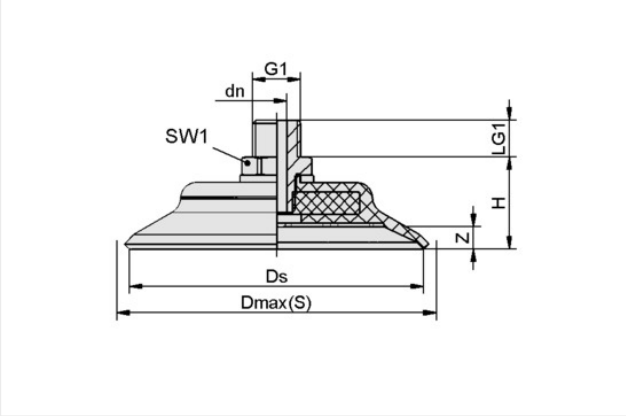
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Flat suction cup (round) for smooth or slightly rough surfaces



- Size: 80
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Vacuum connection: G1/4"-M

Design Data



Attribute	Value
dn	5.50 mm
Dmax(S)	86 mm
Ds	80 mm
G1	G1/4"-M
H	25 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	6 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	260 N
Volume	25 cm^3
Curve radius (min) (convex)	150 mm
Hose diameter (rec.) d	6 mm
Size	80
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

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Weight	62.50 g
Product family	PFYN
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

Accessories



SU 80

Part no..:10.01.01.12839

Size: 80
Clamping range: 80.0 ... 100.0 mm
Temperature resistance: 80 °C

Spare parts



SA-NIP N009 G1/4-AG

Part no..:10.01.01.10097

Thread G1: G1/4"-M
Length L1: 25 mm
Material: Aluminum

Flat suction cup (round)

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Part no..:10.01.01.00149

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PFG 80 NBR-55 N009 M10x1.25-IG

Part no..:10.01.01.00019

Size: 80
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A