

Flat suction cup (round)

PFYN 120 SI-55 G1/2-IG

Part no.:10.01.01.00338

<https://www.schmalz.com/10.01.01.00338>

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



Size: 120

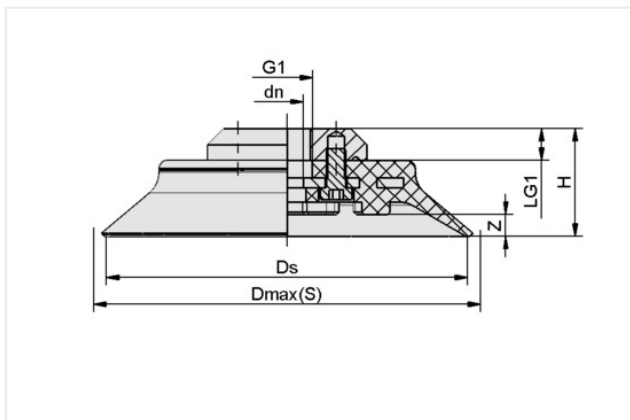
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/2"-F

Design Data



Attribute	Value
dn	13.50 mm
Dmax(S)	124 mm
Ds	120 mm
G1	G1/2"-F
H	37.50 mm
LG1	13 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)	540 N
Volume	77.80 cm ³
Curve radius (min) (convex)	300 mm
Hose diameter (rec.) d	9 mm
Size	120
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

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Weight 352.60 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 120

Part no.:10.01.01.12437

Size: 120

Clamping range: 115.0 ... 130.0 mm

Temperature resistance: 80 °C

Spare parts



SA-NIP N010 G1/2-IG

Part no.:10.01.01.00796

Thread G1: G1/2"-F

Material: Aluminum

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PFG 120 SI-55 N010

Part no...:10.01.01.00332

Size: 120

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

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