

Flat suction cup (round)

PFYN 5 NBR-55 M5-IG

Part no.:10.01.01.00081

<https://www.schmalz.com/10.01.01.00081>

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



Size: 5

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: M5-F

Design Data



Attribute	Value
dn	1.50 mm
Dmax(S)	5.50 mm
Ds	5 mm
G1	M5-F
H	16.50 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	0.90 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.75 N
Volume	0.01 cm ³
Curve radius (min) (convex)	7.50 mm
Hose diameter (rec.) d	2 mm
Size	5
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight 1.40 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

Spare parts



SA-NIP N004 M5-IG DN200

Part no.:10.01.01.03518

Thread G1: M5-F

Length L1: 14 mm

Fitting length: 10 mm

Material: Aluminum



PFG 5 NBR-55 N004

Part no.:10.01.01.00007

Size: 5

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A