

Flat suction cup (round)

PFYN 8 NBR-55 M5-IG

Part no.:10.01.01.00083

<https://www.schmalz.com/10.01.01.00083>

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



Size: 8

Suction cup material:

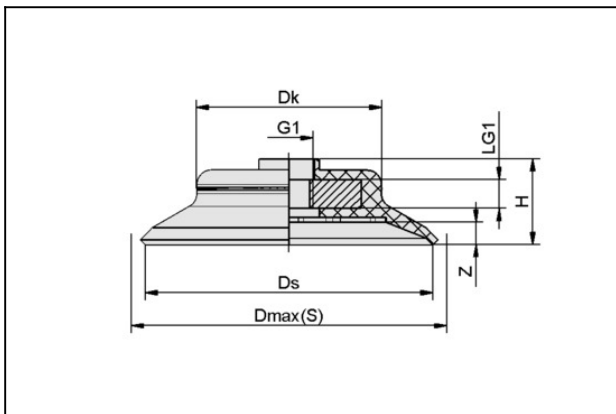
Nitrile rubber NBR

Material hardness: 55 °Sh

Nipple material: Aluminium

Vacuum connection: M5-F

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	9 mm
Ds	8 mm
G1	M5-IG
H	17 mm
LG1	5.5 mm
SW1	8 mm
Z (Stroke)	1.3 mm

Technical Data

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Attribute	Value
Suction force (-600mbar)	2.3 N
Volume	0.03 cm ³
Curve radius (min) (convex)	10 mm
Hose diameter (empf.) d	2 mm
Size	8
Number of folds	0
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Weight	1.5 g
Product family	PFYN

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-F

Overall length: 14 mm

Fitting length: 10 mm

Nominal size: 2.00 mm

Material: Aluminium

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PFG 8 NBR-55 N004

Part no.10.01.01.00009

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

Size: 8

Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh