

Flat suction cup (round)

PFYN 30 NBR-55 G1/8-AG

Part no.:10.01.01.00144

<https://www.schmalz.com/10.01.01.00144>

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Cups PFYN > PFYN 30 NBR-55 G1/8-AG

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



Size: 30

Suction cup material:

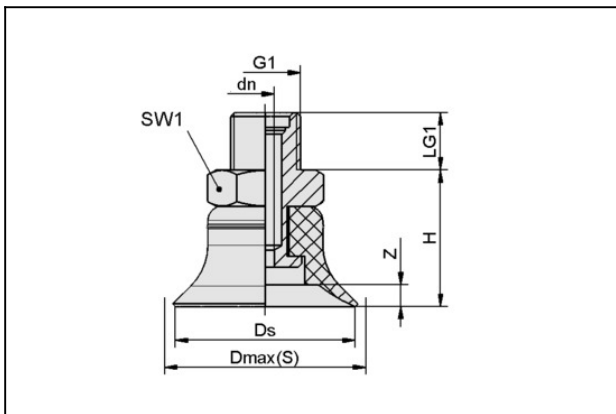
Nitrile rubber NBR

Material hardness: 55 °Sh

Nipple material: Aluminium

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
dn	2.4 mm
Dmax(S)	31.5 mm
Ds	28.8 mm
G1	G1/8"-AG
H	17 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	2 mm

Technical Data

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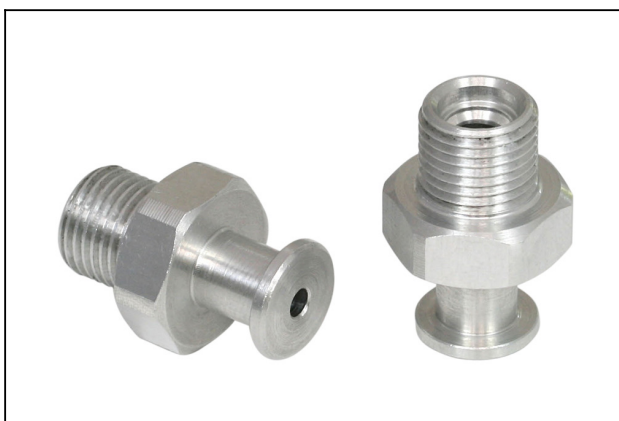
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Attribute	Value
Suction force (-600mbar)	34 N
Volume	1.3 cm ³
Curve radius (min) (convex)	40 mm
Hose diameter (empf.) d	4 mm
Size	30
Number of folds	0
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Weight	7.9 g
Product 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 N007 G1/8-AG DN240

Part no.10.01.01.03531

Suction cup connection nipple

Nipple: N 007

Thread G1: G1/8"-M

Overall length: 21.5 mm

Fitting length: 5 mm

Nominal size: 2,40 mm

Material: Aluminium

Spanner size SW2: 4 mm

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PFG 30 NBR-55 N007

Part no.10.01.01.00014

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

Size: 30

Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

Accessories



SU 30

Part no.10.01.01.12889

Cover for suction cup

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C