

Bellows suction cup (round)

FG 50 PVC-50 N033

Part no.:10.01.06.02469

<https://www.schmalz.com/10.01.06.02469>

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Bellows suction cup (round) for very uneven workpieces



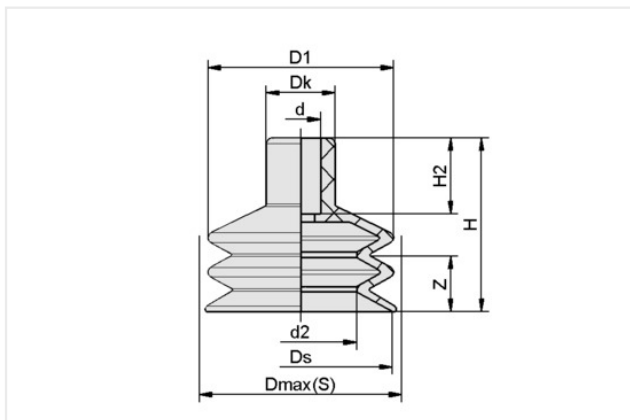
Size: 50

Suction cup material: Polyvinyl chloride PVC

Material hardness [Shore A]: 50 Shore A

Number of folds: 2.5

Design Data



Attribute	Value
d	10.80 mm
d2	30.40 mm
D1	50.50 mm
Dk	18.70 mm
Dmax(S)	54 mm
Ds	50 mm
H	47.20 mm
H2	20.70 mm
Z (Stroke)	15.20 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	36.60 N
Pull-off force	68 N
Volume	28.40 cm ³
Curve radius (min) (convex)	75 mm
Hose diameter (rec.) d	6 mm
Size	50
Nipple family	N 033

Contact Schmalz

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Number of folds	2.50
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50 Shore A
Weight	22.10 g
Product family	FG

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



SA-NIP N033 G1/4-AG DN550

Part no.:10.01.01.00818

Thread G1: G1/4"-M

Fitting length: 5 mm

Material: Aluminum



SA-NIP N033 G1/4-IG DN550

Part no.:10.01.01.00817

Thread G1: G1/4"-F

Fitting length: 15 mm

Material: Aluminum

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