

Bellows suction cup (round)

FGA 13 PVC-50 N016

Part no.:10.01.06.01549

<https://www.schmalz.com/10.01.06.01549>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for the Packaging Industry > Bellows Suction Cups FGA PVC (1.5 Folds) > FGA 13 PVC-50 N016

Bellows suction cup (round) with optimal adaptation to uneven surfaces



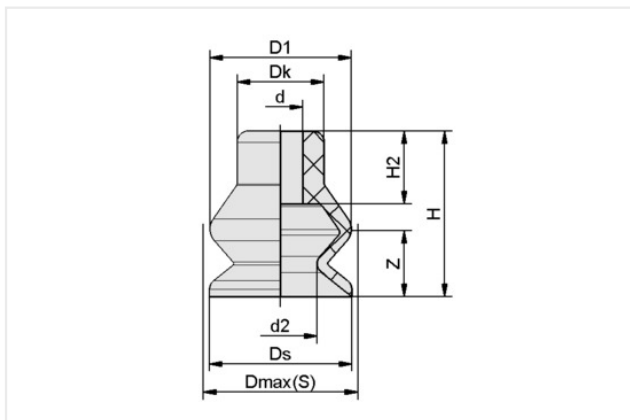
Size: 13

Suction cup material: Polyvinyl chloride PVC

Material hardness [Shore A]: 50 Shore A

Number of folds: 1.5

Design Data



Attribute	Value
d	4 mm
d2	6.60 mm
D1	12.80 mm
Dk	7.90 mm
Dmax(S)	14.50 mm
Ds	12.90 mm
H	15 mm
H2	6.60 mm
Z (Stroke)	5.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1.70 N
Pull-off force	5.50 N
Volume	0.63 cm ³
Curve radius (min) (convex)	10 mm
Hose diameter (rec.) d	4 mm
Size	13
Nipple family	N 016

Contact Schmalz

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Number of folds	1.50
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50 Shore A
Weight	0.70 g
Product family	FGA

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 N016 M5-AG DN250

Part no.:10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Material: Aluminum



SA-NIP N016 G1/8-AG DN350

Part no.:10.01.06.05735

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

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SA-NIP N016 G1/8-IG DN350

Part no...:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



SA-NIP N016 M5-IG DN250

Part no...:10.01.06.03384

Thread G1: M5-F

Fitting length: 10 mm

Material: Aluminum



SA-NIP N016 G1/8-AG DN310

Part no...:10.01.06.04062

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel

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SA-NIP N016 M5-AG DN250

Part no...:10.01.06.04365

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



SA-NIP N016 M5-IG DN310

Part no...:10.01.06.04689

Nipple family: N 016

Thread G1: M5-F

Length L1: 16 mm

Fitting length: 10 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



SA-NIP N016 G1/8-IG DN310

Part no...:10.01.06.04690

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.1 mm

Material: Aust. Stainless steel