

Bellows suction cup (round)

FG 18 PVC-50 N016

Part no.: 10.01.06.01941

<https://www.schmalz.co.jp/10.01.06.01941>

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Bellows suction cup (round) for very uneven workpieces



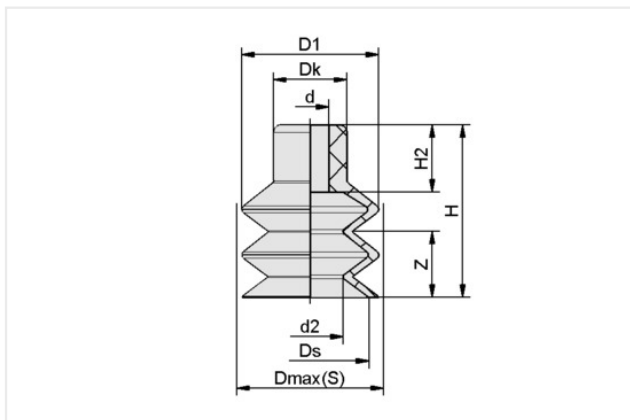
Size: 18

Suction cup material: Polyvinyl chloride PVC

Material hardness [Shore A]: 50 Shore A

Number of folds: 2.5

Design Data



Attribute	Value
d	5 mm
d2	8.90 mm
D1	18.60 mm
Dk	10 mm
Dmax (S)	20 mm
Ds	16 mm
H	23.50 mm
H2	9.20 mm
Z (Stroke)	8.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	3.20 N
Pull-off force	8 N
Volume	1.96 cm ³
Curve radius (min) (convex)	15 mm
Hose diameter (rec.) d	4 mm
Size	18
Nipple family	N 016

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Number of folds	2.50
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50 Shore A
Weight	1.80 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 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

Contact Schmalz

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