

Bellows suction cup (round)

FG 7 SI-55 N016

Part no.:10.01.06.00055

<https://www.schmalz.com/10.01.06.00055>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > FG 7 SI-55 N016

Bellows suction cup (round) for very uneven workpieces



Size: 7

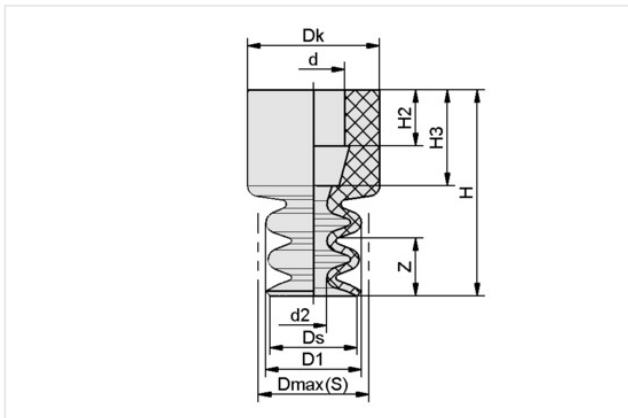
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	4.50 mm
d2	1.80 mm
D1	6.50 mm
Dk	9 mm
Dmax(S)	7 mm
Ds	5.90 mm
H	14 mm
H2	3.80 mm
H3	6.50 mm
Z (Stroke)	3 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.15 N
Pull-off force	0.90 N
Volume	0.16 cm ³
Curve radius (min) (convex)	7.50 mm
Size	7
Nipple family	N 016
Number of folds	2.50

Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 89624031
schmalz@schmalz.co.kr

Bellows suction cup (round)

FG 7 SI-55 N016

Part no.:10.01.06.00055

<https://www.schmalz.com/10.01.06.00055>

Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	0.50 g
Product family	FG

Accessories



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



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

Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 89624031
schmalz@schmalz.co.kr

Bellows suction cup (round)

FG 7 SI-55 N016

Part no.:10.01.06.00055

<https://www.schmalz.com/10.01.06.00055>



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 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



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

Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 8624311
schmalz@schmalz.co.kr

Bellows suction cup (round)

FG 7 SI-55 N016

Part no.:10.01.06.00055

<https://www.schmalz.com/10.01.06.00055>



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

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 85624031
schmalz@schmalz.co.kr