

Bellows suction cup (round)

FG 32 SI-55 N018

Part no.:10.01.06.00144

<https://www.schmalz.com/10.01.06.00144>

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Bellows suction cup (round) for very uneven workpieces



Size: 32

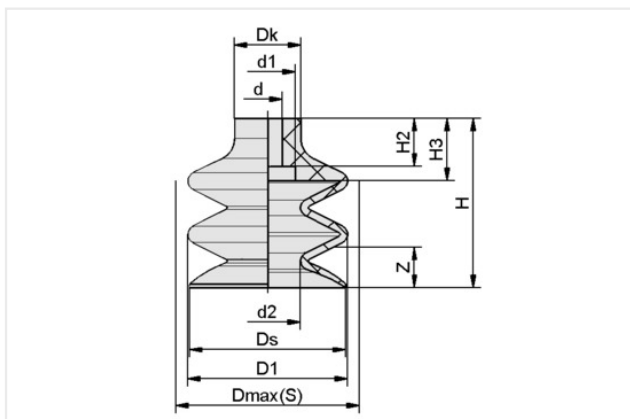
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	8 mm
d1	15 mm
d2	16 mm
D1	32.40 mm
Dk	18 mm
Dmax(S)	33.50 mm
Ds	32 mm
H	37.50 mm
H2	13 mm
H3	17 mm
Z (Stroke)	15 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	12.06 N
Pull-off force	36.90 N
Volume	9.77 cm ³
Curve radius (min) (convex)	35 mm
Size	32
Nipple family	N 018

Contact Schmalz

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Number of folds	2.50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	8.90 g
Product family	FG

Accessories



SA-NIP N018 G1/4-AG DN440

Part no.:10.01.06.01065

Nipple family: N 018

Thread G1: G1/4"-M

Length L1: 28.8 mm

Fitting length: 4 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum



SA-NIP N018 G1/4-IG DN440

Part no.:10.01.06.01066

Nipple family: N 018

Thread G1: G1/4"-F

Length L1: 28.8 mm

Fitting length: 15 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum

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