

Bellows suction cups (round)

FSG 30 VU1-72 G1/4-IG

Part no.: 10.01.06.00166

<https://www.schmalz.co.jp/10.01.06.00166>

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Bellows suction cup (round) for very uneven workpieces



Size: 30

Suction cup material: Vulkollan VU1

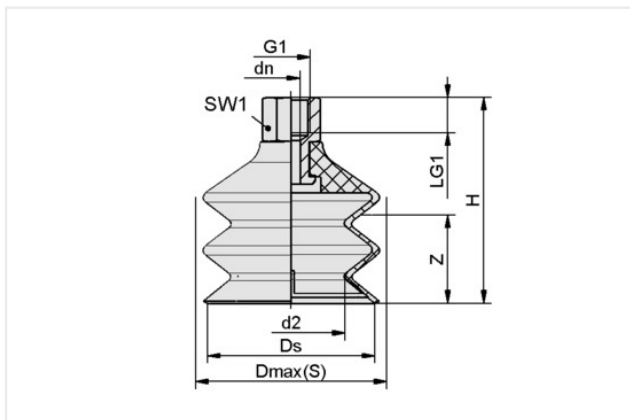
Material hardness [Shore A]: 72 Shore A

Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 2.5

Design Data



Attribute	Value
d2	15 mm
dn	3.50 mm
Dmax (S)	31.50 mm
Ds	29 mm
G1	G1/4"-F
H	55 mm
LG1	12 mm
SW1	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)	13.50 N
Pull-off force	32 N
Volume	8.50 cm ³
Curve radius (min) (convex)	25 mm
Hose diameter (rec.) d	6 mm
Size	30
Nipple family	N 013

Contact Schmalz

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Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72 Shore A
Weight	16.60 g
Number of folds	2.50
Product family	FSG

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

Spare parts



FG 30 VU1-72 N013

Part no.: 10.01.06.00173

Size: 30

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 2.5



SA-NIP N013 G1/4-IG DN350

Part no.: 10.01.06.00180

Thread G1: G1/4"-F

Fitting length: 15 mm

Material: Aluminum

External diameter D: 12.5 mm

Spanner size SW2: 5 mm

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FG 30 VU1-72 N013

Part no.: 10.01.06.00173

Size: 30

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 2.5

Contact Schmalz

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