

Bellows suction cups (round)

FSGA 60 VU1-72 G1/4-IG ON

Part no.: 10.01.06.00172

<https://www.schmalz.co.jp/10.01.06.00172>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bellows Suction Cups FSGA VU1 (1.5 Folds) > FSGA 60 VU1-72 G1/4-IG ON

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



Size: 60

Suction cup material: Vulkollan VU1

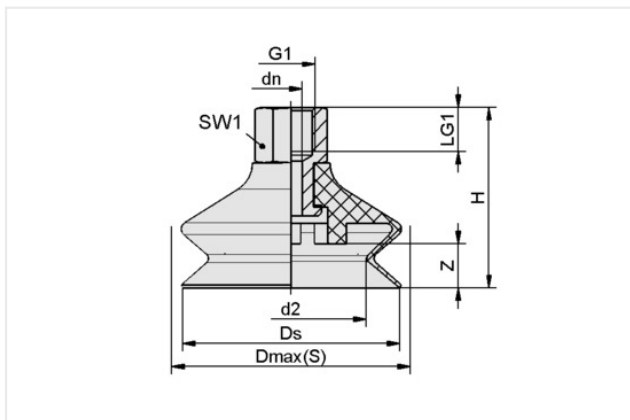
Material hardness [Shore A]: 72 Shore A

Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 1.5

Design Data



Attribute	Value
d2	40 mm
dn	6 mm
Dmax (S)	61.50 mm
Ds	57 mm
G1	G1/4"-F
H	49 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	12.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	75 N
Pull-off force	120 N
Volume	31 cm ³
Curve radius (min) (convex)	50 mm
Hose diameter (rec.) d	6 mm
Size	60
Nipple family	N 014

Contact Schmalz

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

Bellows suction cups (round)

FSGA 60 VU1-72 G1/4-IG ON

Part no.: 10.01.06.00172

<https://www.schmalz.co.jp/10.01.06.00172>

Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72 Shore A
Weight	38.20 g
Product family	FSGA
Number of folds	1.50

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



SA-NIP N014 G1/4-IG DN600

Part no.: 10.01.06.00181

Thread G1: G1/4"-F
Fitting length: 15 mm
Material: Aluminum
External diameter D: 16.5 mm
Spanner size SW2: 6 mm



FGA 60 VU1-72 N014 ON

Part no.: 10.01.06.00207

Size: 60
Suction cup material: Vulkollan VU1
Material hardness [Shore A]: 72 Shore A
Number of folds: 1.5

Bellows suction cups (round)

FSGA 60 VU1-72 G1/4-IG ON

Part no.: 10.01.06.00172

<https://www.schmalz.co.jp/10.01.06.00172>



FGA 60 VU1-72 N014 ON

Part no.: 10.01.06.00207

Size: 60

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

Contact Schmalz

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