Bellows suction cups (round)

FSGA 85 VU1-72 G1/4-AG ON

Part no..:10.01.06.00199

https://www.schmalz.com/10.01.06.00199

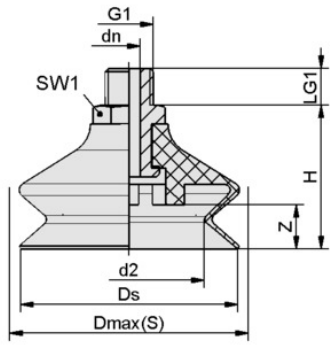
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bellows Suction Cups FSGA VU1 (1.5 Folds) > FSGA 85 VU1-72 G1/4-AG ON

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



- Size: 85
- Suction cup material: Vulkollan VU1
- Material hardness [Shore A]: 72 Shore A
- Nipple material: Aluminum
- Connection: G1/4"-M
- Number of folds: 1.5

Design Data



Attribute	Value
d2	50.20 mm
dn	6 mm
Dmax(S)	86.50 mm
Ds	82.50 mm
G1	G1/4"-M
H	52 mm
LG1	10 mm
SW1	22 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)	140 N
Pull-off force	250 N
Volume	78 cm^3
Curve radius (min) (convex)	80 mm
Hose diameter (rec.) d	6 mm
Size	85
Nipple family	N 015

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Part no..:10.01.06.00199

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Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72 Shore A
Weight	108.90 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 N015 G1/4-AG DN600

Part no..:10.01.06.00185

Thread G1: G1/4"-M
Fitting length: 5 mm
Material: Aluminum
External diameter D: 18 mm
Spanner size SW2: 6 mm



FGA 85 VU1-72 N015 ON

Part no..:10.01.06.00190

Size: 85
Suction cup material: Vulkollan VU1
Material hardness [Shore A]: 72 Shore A
Number of folds: 1.5