

Bellows suction cups (round)

FSGA 110 NBR-70 G1/2-IG

Part no.: 10.01.06.00118

<https://www.schmalz.co.jp/10.01.06.00118>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) from Ø 110 mm > FSGA 110 NBR-70 G1/2-IG

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



Size: 110

Number of folds: 1.5

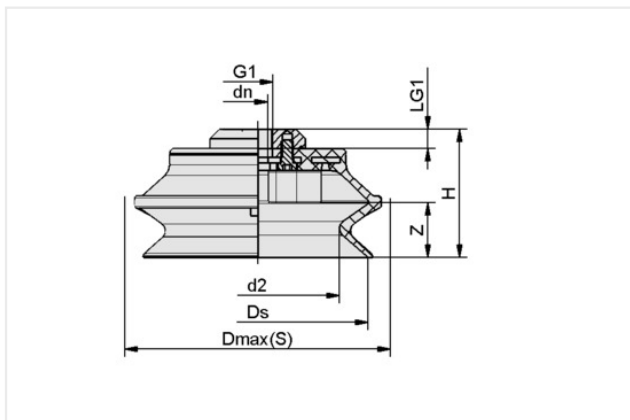
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Nipple material: Aluminum

Connection: G1/2"-F

Design Data



Attribute	Value
dn	13.50 mm
d2	80 mm
Dmax (S)	130 mm
Ds	111 mm
G1	G1/2"-F
H	69.50 mm
LG1	13 mm
Z (Stroke)	29.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	280 N
Pull-off force	570 N
Volume	330 cm ³
Curve radius (min) (convex)	85 mm
Hose diameter (rec.) d	12 mm
Size	110
Nipple family	N 010

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 110 NBR-70 G1/2-IG

Part no.: 10.01.06.00118

<https://www.schmalz.co.jp/10.01.06.00118>

Suction cup material Nitrile rubber NBR

Material hardness [Shore A] 70 Shore A

Weight 358.30 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



FGA 110 NBR-70 N010

Part no.: 10.01.06.00114

Size: 110

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 Shore A

Number of folds: 1.5



SA-NIP N010 G1/2-IG

Part no.: 10.01.01.00796

Thread G1: G1/2"-F

Material: Aluminum

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 110 NBR-70 G1/2-IG

Part no.: 10.01.06.00118

<https://www.schmalz.co.jp/10.01.06.00118>



FGA 110 NBR-70 N010

Part no.: 10.01.06.00114

Size: 110

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 70 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