

Bellows suction cups (round)

FSGA 11 HT1-60 G1/8-IG

Part no.:10.01.06.01232

<https://www.schmalz.com/10.01.06.01232>

Home > Vakuum tehnologija za automatizaciju > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 11 HT1-60 G1/8-IG

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



Size: 11

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: G1/8"-F

Number of folds: 1,5

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	5,10 mm
Dmax(S)	13 mm
dn	3,50 mm
Ds	10,40 mm
G1	G1/8"-F
H	28 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	4 mm

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

Technical Data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Size	11
Number of folds	1,50
Connection	G1/8-IG
Curve radius (min) (convex)	10 mm
Volume	0,23 cm ³

Contact Schmalz

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Suction force (-600mbar)	0,95 N
Pull-off force	3,80 N
Hose diameter (rec.) d	4 mm
Weight	5,10 g
Product family	FSGA

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



SPI 11 PEEK

Part no.:10.01.06.03281

Size: 11

Material: Polyetheretherketon

Spare parts



SA-NIP N016 G1/8-IG DN350

Part no.:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18,5 mm

Fitting length: 12 mm

Nominal diameter dn: 3,5 mm

Material: Aluminum

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FGA 11 HT1-60 N016

Part no...:10.01.06.01247

Size: 11

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 1,5