

Bell suction cup (round)

FSGA 25 NBR-55 G1/8-AG

Part no.:10.01.06.00399

<https://www.schmalz.com/10.01.06.00399>



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Suction Cups FSGA (1.5 Folds) > FSGA 25 NBR-55 G1/8-AG

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



Size: 25

Number of folds: 1.5

Suction cup material:

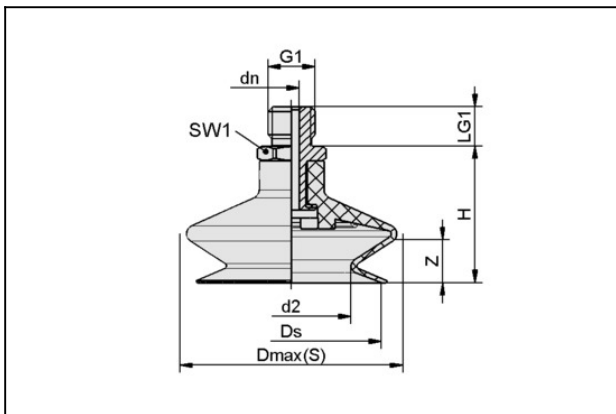
Nitrile rubber NBR

Material hardness: 55 °Sh

Nipple material: Aluminium

Vacuum connection: G1/8"-M

Design Data



Attribute

Value

d2 9.9 mm

Dmax(S) 26.5 mm

dn 3.5 mm

Ds 22.5 mm

G1 G1/8"-AG

H 29 mm

LG1 7.5 mm

SW1 14 mm

Z (Stroke) 9 mm

Technical Data

[Contact to Schmalz](#)

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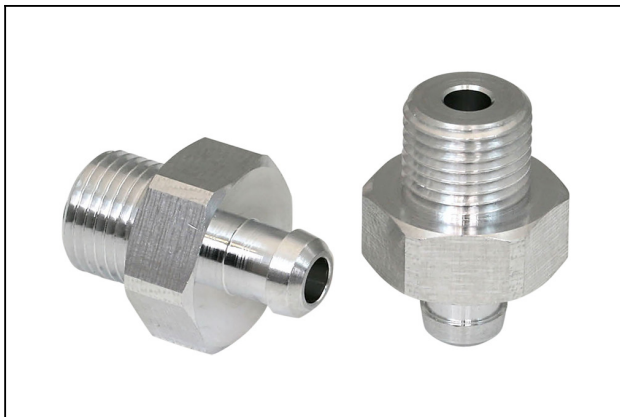
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Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Size	25
Number of folds	1.5
Connection	G1/8-AG
Curve radius (min) (convex)	25 mm
Volume	3.15 cm ³
Suction force (-600mbar)	5.3 N
Pull-off force	17.3 N
Hose diameter (empf.) d	4 mm
Weight	6.4 g
Product family	FSGA

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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

Spare Parts



SA-NIP N016 G1/8-AG DN350

Part no.10.01.06.05735

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8"-M

Overall length: 20 mm

Fitting length: 6 mm

Nominal size: 3,50 mm

Material: Aluminium

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FGA 25 NBR-55 N016

Part no.10.01.06.00376

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

Size: 25

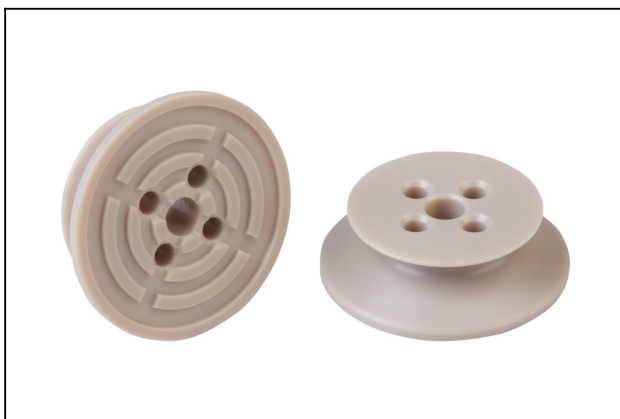
Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

Number of folds: 1.5

Accessories



SPI 25 PEEK

Part no.10.01.06.03286

Suction cup insert for handling of sensitive workpieces without leaving marks

Size: 25

Material: Polyetheretherketon