

Bellows suction cups (round)

FSG 5 NBR-55 M5-AG

Part no.: 10.01.06.00663

<https://www.schmalz.co.jp/10.01.06.00663>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSG (2.5 Folds) > FSG 5 NBR-55 M5-AG

Bellows suction cup (round) for very uneven workpieces



Size: 5

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

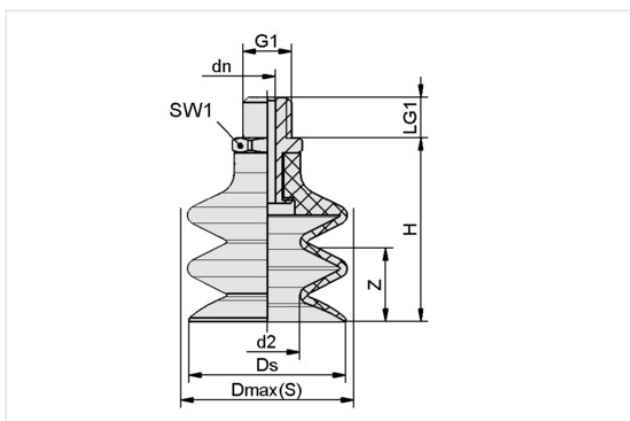
Nipple material: Aluminum

Connection: M5-M

Number of folds: 2.5

Vacuum connection: M5-M

Design Data



Attribute	Value
d2	2.60 mm
dn	2 mm
Dmax (S)	7 mm
Ds	5 mm
G1	M5-M
H	19 mm
LG1	5 mm
SW1	8 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Size	5
Number of folds	2.50
Connection	M5-AG
Curve radius (min) (convex)	7.50 mm
Volume	0.03 cm ³

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)

FSG 5 NBR-55 M5-AG

Part no.: 10.01.06.00663

<https://www.schmalz.co.jp/10.01.06.00663>

Suction force (-600mbar)	0.32 N
Pull-off force	0.80 N
Hose diameter (rec.) d	2 mm
Weight	1.50 g
Product family	FSG

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 6 PEEK

Part no.: 10.01.06.03279

Size: 6

Material: Polyetheretherketon

Spare parts



SA-NIP N017 M5-AG DN200

Part no.: 10.01.06.00314

Thread G1: M5-M

Fitting length: 5 mm

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)

FSG 5 NBR-55 M5-AG

Part no.: 10.01.06.00663

<https://www.schmalz.co.jp/10.01.06.00663>



FG 5 NBR-55 N017

Part no.: 10.01.06.00640

Size: 5

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Number of folds: 2.5

Contact Schmalz

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