

Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00391>



FSGA 20 SI-55 M5-AG

Part no.: 10.01.06.00391

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



Size: 20
Number of folds: 1.5
Suction cup material: Silicone SI
Material hardness: 55 °Sh
Material characteristics:
FDA-compatible
Nipple material: Aluminium
Vacuum connection: M5-M

Design Data



Attribute	Value
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d2	11 mm
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Dmax(S)	21 mm
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dn	2.5 mm
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Ds	18.1 mm
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G1	M5-M
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H	20.2 mm
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LG1	5 mm
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SW1	7 mm
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Z	5 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Number of folds	1.5
Pull-off force	10.7 N
Size	20
Weight	2.7 g
Nipple	N 016
Suction cup material	Silicone SI
Suction force	4.7 N
Internal hose diameter (recom.)	2 mm
Volume	1.15 cm ³
Material hardness	55 °Sh
Curve radius (min) (convex)	30 mm
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

Contact to Schmalz



SA-NIP N016 M5-AG DN250

Part no. 10.01.06.00123

Suction cup connection nipple

Nipple: N 016

Thread G1: M5-M

Overall length: 16 mm

Fitting length: 5 mm

Nominal size: 2,50 mm

Material: Aluminium



FGA 20 SI-55 N016

Part no. 10.01.06.00374

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FDA-compatible

Number of folds: 1.5