Bellows suction cups SI-HD (round)

FSGA 20 SI-HD-65 M5-AG

Part no..:10.01.06.04185

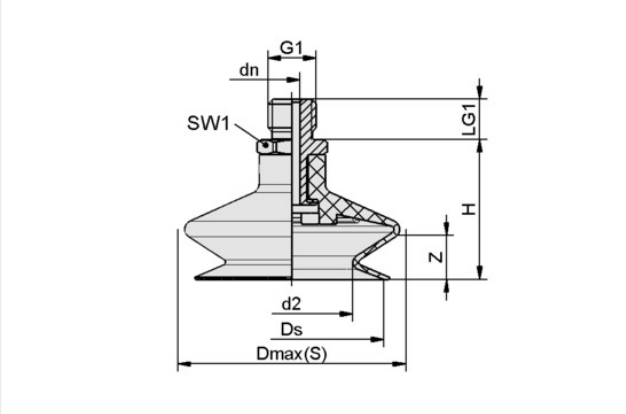
https://www.schmalz.com/10.01.06.04185

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



- Size: 20
- Suction cup material: Silicone SI-HD
- Material hardness [Shore A]: 65 Shore A
- Material characteristics: FDA-compatible
- Nipple material: Aluminum
- Connection: M5-M
- Number of folds: 1.5
- Vacuum connection: M5-M

Design Data



Attribute	Value
d2	11 mm
Dmax(S)	21 mm
dn	2.50 mm
Ds	18.10 mm
G1	M5-M
H	20.20 mm
LG1	5 mm
SW1	7 mm
Z (Stroke)	5 mm

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

Technical Data

Attribute	Value
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65 Shore A
Size	20
Number of folds	1.50
Connection	M5-AG
Curve radius (min) (convex)	30 mm
Volume	1.15 cm³

Contact Schmalz
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Bellows suction cups SI-HD (round)

FSGA 20 SI-HD-65 M5-AG

Part no..:10.01.06.04185

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Suction force (-600mbar)	4.70 N
Pull-off force	10.70 N
Hose diameter (rec.) d	2 mm
Weight	2.70 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 18 PEEK

Part no..:10.01.06.03284

Size: 18
Material: Polyetheretherketon

Spare parts



SA-NIP N016 M5-AG DN250

Part no..:10.01.06.00123

Nipple family: N 016
Thread G1: M5-M
Length L1: 16 mm
Fitting length: 5 mm
Nominal diameter dn: 2.5 mm
Material: Aluminum

Contact Schmalz

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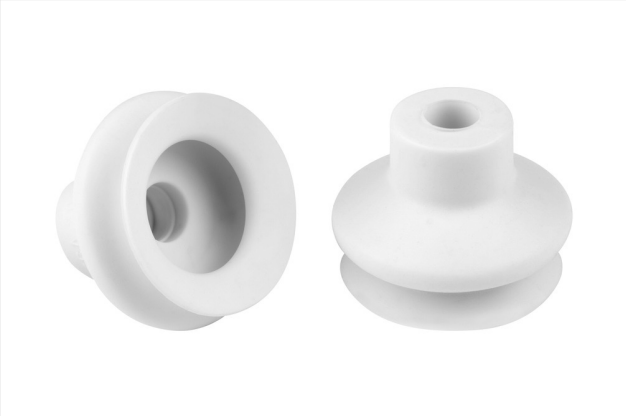
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Bellows suction cups SI-HD (round)

FSGA 20 SI-HD-65 M5-AG

Part no..:10.01.06.04185

https://www.schmalz.com/10.01.06.04185



FGA 20 SI-HD-65 N016

Part no..:10.01.06.04150

Size: 20
Suction cup material: Silicone SI-HD
Material hardness [Shore A]: 65 Shore A
Material characteristics: FDA-compatible
Number of folds: 1.5

Contact Schmalz

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