Bellows suction cups SI-HD (round)

FSGA 16 SI-HD-65 G1/8-IG

Part no..:10.01.06.04184

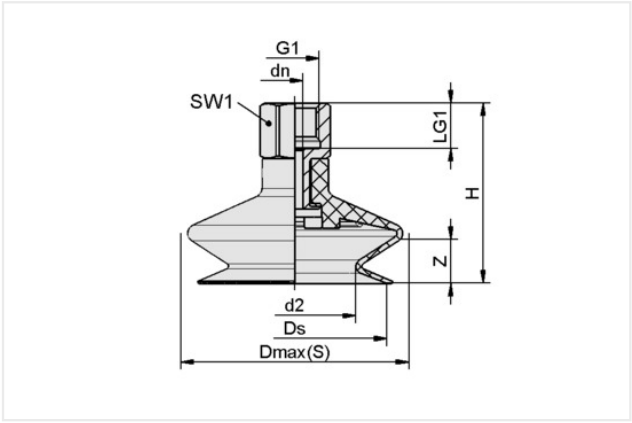
https://www.schmalz.ru/10.01.06.04184

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



- Size: 16
- Suction cup material: Silicone SI-HD
- Material hardness [Shore A]: 65 Shore A
- Material characteristics: FDA-compatible
- Nipple material: Aluminum
- Connection: G1/8"-F
- Number of folds: 1.5
- Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	8.40 mm
Dmax(S)	18.50 mm
dn	3.50 mm
Ds	15.60 mm
G1	G1/8"-F
H	31.20 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	7 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	16
Number of folds	1.50
Connection	G1/8-IG
Curve radius (min) (convex)	20 mm
Volume	0.75 cm³

Contact Schmalz
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Suction force (-600mbar)	2.30 N
Pull-off force	6.70 N
Hose diameter (rec.) d	4 mm
Weight	5.40 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 17 PEEK

Part no..:10.01.06.03283

Size: 17
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

Bellows suction cups SI-HD (round)

FSGA 16 SI-HD-65 G1/8-IG

Part no..:10.01.06.04184

https://www.schmalz.ru/10.01.06.04184



FGA 16 SI-HD-65 N016

Part no..:10.01.06.02459

Size: 16
Suction cup material: Silicone SI-HD
Material hardness [Shore A]: 65 Shore A