

Bellows suction cups (round)

FSG 25 HT1-60 G1/8-IG

Part no.:10.01.06.00988

<https://www.schmalz.com/10.01.06.00988>

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Bellows suction cup (round) for very uneven workpieces



Size: 25

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

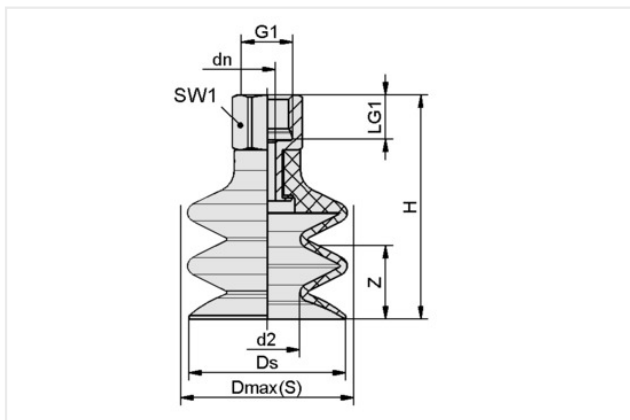
Nipple material: Aluminum

Connection: G1/8"-F

Number of folds: 2.5

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	10 mm
dn	3.50 mm
Dmax(S)	26 mm
Ds	23 mm
G1	G1/8"-F
H	46 mm
LG1	8.50 mm
SW1	14 mm
Z (Stroke)	18 mm

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

Technical Data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Size	25
Number of folds	2.50
Connection	G1/8-IG
Curve radius (min) (convex)	30 mm
Volume	5.40 cm ³

Contact Schmalz

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Suction force (-600mbar)	4.71 N
Pull-off force	19 N
Hose diameter (rec.) d	4 mm
Weight	9 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



DR 22.5/13x2 MOS SI-15

Part no.:10.01.06.02614

External diameter D: 22.5 mm
Internal diameter d: 13 mm
Height H: 2 mm
Material type: Foam rubber
Sealing material: Silicone SI
Material hardness [Shore A]: 15 Shore A



FD 18 120

Part no.:10.01.06.02567

External diameter D: 18 mm
Filter pore size: 120 µm
Construction use: Bellows suction cup
Size: FG25/FGA25

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SPI 25 PEEK

Part no...:10.01.06.03286

Size: 25

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



FG 25 HT1-60 N016

Part no...:10.01.06.00883

Size: 25

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 2.5

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