

Bellows suction cups (round)

FSG 62 HT1-60 G1/4-IG

Part no.:10.01.06.02481

<https://www.schmalz.com/10.01.06.02481>

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Bellows suction cup (round) for very uneven workpieces



Size: 62

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

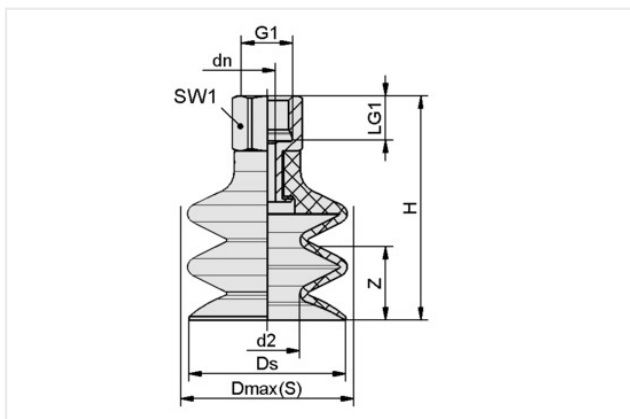
Nipple material: Aluminum

Connection: G1/4"-F

Number of folds: 2.5

Vacuum connection: G1/4"-F

Design Data



Attribute	Value
d2	29.50 mm
dn	4.40 mm
Dmax(S)	65 mm
Ds	62.20 mm
G1	G1/4"-F
H	69 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	29 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	62
Number of folds	2.50
Connection	G1/4-IG
Curve radius (min) (convex)	75 mm
Volume	72.50 cm ³
Suction force (-600mbar)	41.01 N

Contact Schmalz

Schmalz s.r.o. | Družstevní 2169, 75301 Hranice, Czech Republic | +420 581 621 021 | schmalz@schmalz.cz

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Pull-off force	137 N
Hose diameter (rec.) d	6 mm
Weight	59 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 62/42x5 MOS SI-15

Part no...:10.01.06.02617

External diameter D: 62 mm

Internal diameter d: 42 mm

Height H: 5 mm

Material type: Foam rubber

Sealing material: Silicone SI

Material hardness [Shore A]: 15 Shore A



SU 70

Part no...:10.01.01.12838

Size: 70

Clamping range: 65.0 ... 80.0 mm

Temperature resistance: 80 °C

Spare parts

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SA-NIP N018 G1/4-IG DN440

Part no...:10.01.06.01066

Nipple family: N 018

Thread G1: G1/4"-F

Length L1: 28.8 mm

Fitting length: 15 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum



FG 62 HT1-60 N018

Part no...:10.01.06.02475

Size: 62

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 2.5