

Suction plate (round)

SGF 125 HT1-60 G1/4-IG

Part no.:10.01.01.12892

<https://www.schmalz.com/10.01.01.12892>

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Flat suction cup (round) for highly dynamic handling of glass



Size: 125

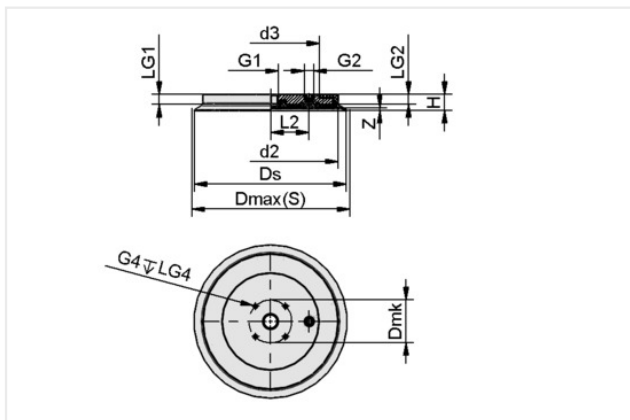
Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Connection: G1/4-IG

Connection: G1/4"-F

Design Data



Attribute	Value
d2	100 mm
d3	70 mm
Dmax(S)	130 mm
Ds	123 mm
G1	G1/4"-F
G2	G1/4"-F
H	21.40 mm
L2	26.50 mm
LG1	14 mm
LG2	14 mm
Z (Stroke)	3 mm
Dmk	58.30 mm
G4	M6-F
LG4	10.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	730 N
Suction force d2	470 N
Volume	43.78 cm ³

Contact Schmalz

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Curve radius (min) (convex)	1500 mm
Hose diameter (rec.) d	9 mm
Size	125
Number of folds	0
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Weight	300 g
Product family	SGF

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 Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



TV G1/4-AG 13

Part no.:10.05.10.00061

Thread G1: G1/4"-M

Thread G2: G1/8"-F

Spring stroke Z: 13 mm



SIEB 19.5x1 MS 100

Part no.:10.07.01.00215

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PC 125

Part no...:10.01.01.13086

Size: 125



SU 120

Part no...:10.01.01.12437

Size: 120

Clamping range: 115.0 ... 130.0 mm

Temperature resistance: 80 °C



FLK-HD G3/8-AG

Part no...:10.07.06.00235

Thread G1: G3/8"-M

Thread G2: M6-M

Operating temperature: -5 ... 130 °C

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FLK-HD G1/4-IG

Part no...:10.07.06.00241

Thread G1: G1/4"-F

Thread G2: M6-M

Operating temperature: -5 ... 130 °C



FLK-HD G1/2-IG

Part no...:10.07.06.00242

Thread G1: G1/2"-F

Thread G2: M6-M

Operating temperature: -5 ... 130 °C

Spare parts



VRS-S G1/4-AG

Part no...:10.08.06.00048

Thread G1: G1/4"-M

Material: Brass

Surface: nickel plated

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DR-SGF 125 HT1-60

Part no...:10.01.01.12890

Size: 125

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Height H: 21.4 mm