

Suction plate (round)

SGF-HS 300 EPDM-55 G1/2-IG

Part no.: 10.01.01.13793

<https://www.schmalz.co.jp/10.01.01.13793>

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



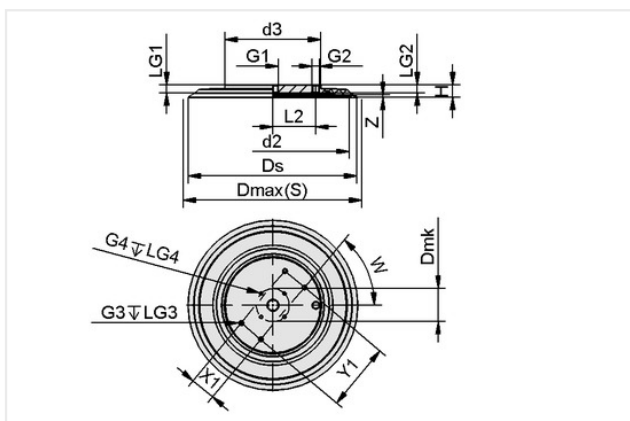
Size: 300

Suction cup material: EPDM

Material hardness [Shore A]: 55 Shore A

Connection: G1/2-IG

Design Data



Attribute	Value
d2	272.30 mm
d3	170 mm
Dmax (S)	309 mm
Ds	303.20 mm
G1	G1/2"-F
G2	
G3	
H	26.80 mm
L2	76 mm
LG1	14.50 mm
LG2	14.50 mm
LG3	12 mm
W	50 °
X1	45 mm
Y1	120 mm
Z (Stroke)	9 mm
Dmk	58.30 mm
G4	
LG4	10.50 mm

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

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Technical Data

Attribute	Value
Suction force (-600mbar)	4240 N
Suction force d2	3480 N
Volume	573 cm ³
Curve radius (min) (convex)	2400 mm
Hose diameter (rec.) d	12 mm
Size	300
Number of folds	0
Suction cup material	EPDM
Material hardness [Shore A]	55 Shore A
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



SIEB 27x1 MS-A2 100 100/65

Part no. : 10.07.01.00110

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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



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



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

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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



SU 300

Part no.: 10.01.01.12843

Size: 300

Clamping range: 300.0 ... 330.0 mm

Temperature resistance: 80 ° C



PC 300

Part no.: 10.01.01.13091

Size: 300

Spare parts

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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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