

Suction plate (round)

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

Part no.:10.01.01.13793

<https://www.schmalz.com/10.01.01.13793>

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

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



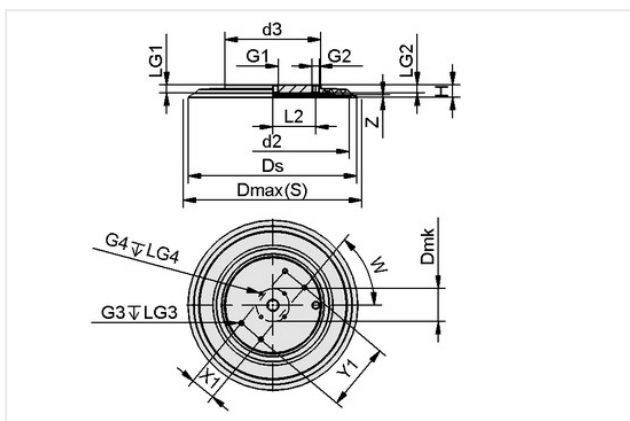
Size: 300

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

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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



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

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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



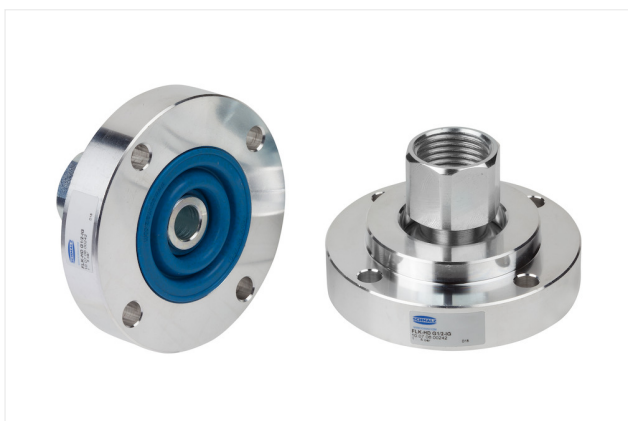
FLK-HD G1/4-IG

Part no...:10.07.06.00241

Thread G1: G1/4"-F

Thread G2: M6-M

Operating temperature: -5 ... 130 °C



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

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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



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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