

Suction plate (round)

SGF 150 HT1-60 FM1

Part no.: 10.01.01.13486

<https://www.schmalz.co.jp/10.01.01.13486>

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



Size: 150

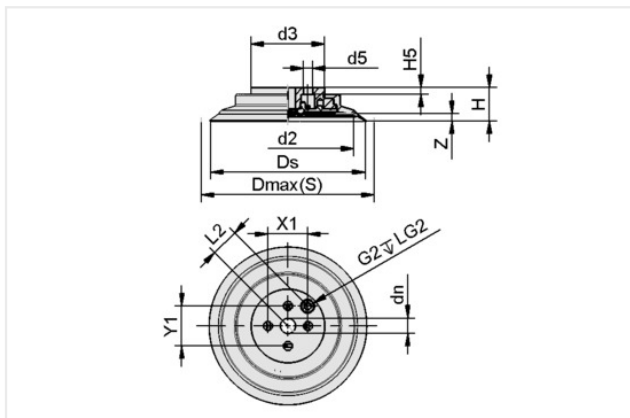
Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Connection: FM1

Connection: 4x8, 7mm LK38, 2 90°

Design Data



Attribute	Value
d2	125 mm
d3	93 mm
d5	8.70 mm
dn	14.50 mm
Dmax (S)	156 mm
Ds	148.30 mm
G2	G1/4"-F
H	27.70 mm
H5	6 mm
L2	36.50 mm
LG2	20 mm
X1	27 mm
Y1	27 mm
Z (Stroke)	3.30 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1060 N
Suction force d2	730 N
Volume	64.88 cm ³

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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Curve radius (min) (convex)	2000 mm
Hose diameter (rec.) d	9 mm
Size	150
Number of folds	0
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Weight	490 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 27x1 MS-A2 100 100/65

Part no.: 10.07.01.00110

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PC 150

Part no.: 10.01.01.13087

Size: 150



SU 160

Part no.: 10.01.01.12438

Size: 160

Clamping range: 150.0 ... 180.0 mm

Temperature resistance: 80 ° C

Spare parts



DR-SGF 150 HT1-60

Part no.: 10.01.01.13020

Size: 150

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Height H: 21.7 mm

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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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