

Suction plate (round)

SGF 150 HT1-60 G1/2-IG

Part no.:10.01.01.13021

<https://www.schmalz.ru/10.01.01.13021>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Glass > Suction Plates SGF > SGF 150 HT1-60 G1/2-IG

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



Size: 150

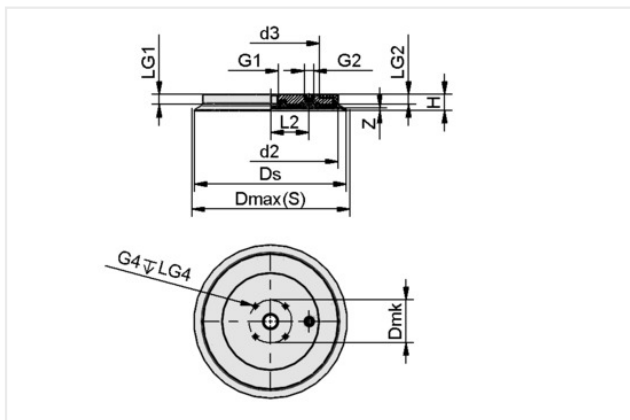
Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Connection: G1/2-IG

Connection: G1/2"-F

Design Data



Attribute	Value
d2	125 mm
d3	93 mm
Dmax(S)	156 mm
Ds	148.30 mm
G1	G1/2"-F
G2	G1/4"-F
H	21.70 mm
L2	36.50 mm
LG1	14 mm
LG2	14 mm
Z (Stroke)	3.30 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)	1060 N
Suction force d2	730 N
Volume	64.88 cm ³

Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bldg1, 121596 Moscow, Russia | +7 495 9671248 | post@ruschmalz.ru

Suction plate (round)

SGF 150 HT1-60 G1/2-IG

Part no.:10.01.01.13021

<https://www.schmalz.ru/10.01.01.13021>

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



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

Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bdg1, 121596 Moscow, Russia | +7 495 9671248 | post@ruschmalz.ru

Suction plate (round)

SGF 150 HT1-60 G1/2-IG

Part no...:10.01.01.13021

<https://www.schmalz.ru/10.01.01.13021>



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



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

Suction plate (round)

SGF 150 HT1-60 G1/2-IG

Part no...:10.01.01.13021

<https://www.schmalz.ru/10.01.01.13021>



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

Suction plate (round)

SGF 150 HT1-60 G1/2-IG

Part no...:10.01.01.13021

<https://www.schmalz.ru/10.01.01.13021>



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