

Suction plate (round)
SGF 125 EPDM-55 G1/4-IG

Part no.: 10.01.01.12475

<https://www.schmalz.com/10.01.01.12475>



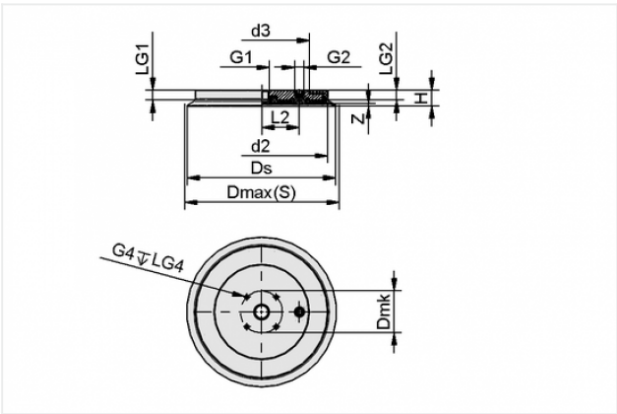
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Flat suction cup (round) for highly dynamic handling of glass



Size: 125
Suction cup material: EPDM
Material hardness: 55 °Sh
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	21.4 mm
L2	26.5 mm
LG1	14 mm
LG2	14 mm
Z	3 mm
D mk	58.3 mm
G4	M6-F

Attribute	Value
LG4	10.5 mm

Technical Data

Attribute	Value
Suction force	730 N
Suction force d2	470 N
Volume	43.784 cm ³
Curve radius (min) (convex)	1500 mm
Internal hose diameter (recom.)	9 mm
Size	125
Number of folds	0
Suction cup material	EPDM
Material hardness	55 °Sh
Weight	300 g

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40%
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare Parts



VRS-S G1/4-AG

Part no. 10.08.06.00048

Sealing screw without collar

Thread 1: G1/4"-M

Material: Brass

Surface: nickel plated



DR-SGF 125 EPDM-55

Part no. 10.01.01.12473

Rubber Seal for SGF suction cup

Size: 125

Suction cup material: EPDM

Material hardness: 55 °Sh

Accessories



TV G1/4-AG 13

Part no. 10.05.10.00061

Touch valve for deactivation of unused suction cups or vacuum blocks

Thread G1: G1/4"-M

Spring stroke Z: 13 mm

**SIEB 19.5x1 MS 100**

Part no. 10.07.01.00215

Screen

External diameter D: 19.5 mm

Length L: 1 mm

Material: Brass

Filter pore size: 100 µm

**PC 125**

Part no. 10.01.01.13086

Cover for suction cup

Size: 125

**SU 120**

Part no. 10.01.01.12437

Cover for suction cup

Size: 120

For suction cup diameter:

115 - 130 mm

Temperature resistance: 80 °C