Suction plate (round)

SPU 100 NBR-55 G1/4-IG

Part no..:10.01.01.01107

https://www.schmalz.com/10.01.01.01107

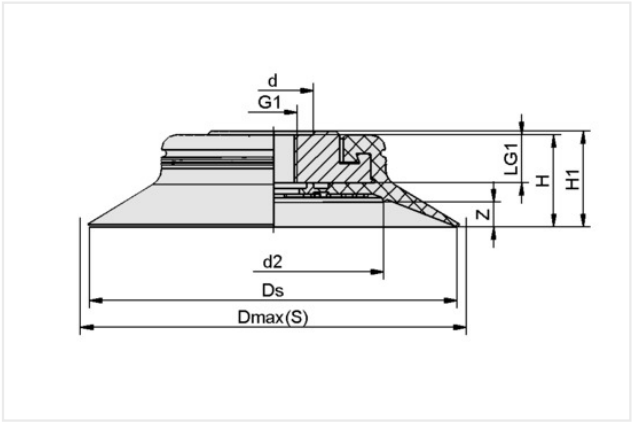
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Suction plate (round), universal, for smooth and slightly rough surfaces



- Size: 100
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Connection: G1/4"-F

Design Data



Attribute	Value
d	22 mm
d2	60 mm
Dmax(S)	108 mm
Ds	100 mm
G1	G1/4"-F
H	24.50 mm
H1	25.50 mm
LG1	13 mm
Z (Stroke)	7.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	425 N
Suction force d2	185 N
Volume	44.30 cm^3
Curve radius (min) (convex)	130 mm
Hose diameter (rec.) d	9 mm
Size	100
Suction cup material	Nitrile rubber NBR

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Material hardness [Shore A]	55 Shore A
Weight	100 g
Number of folds	0
Product family	SPU

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



SU 100

Part no..:10.01.01.12840

Size: 100
Clamping range: 100.0 ... 115.0 mm
Temperature resistance: 80 °C

Spare parts



DR-SPU 100 NBR-55

Part no..:10.01.01.01104

Size: 100
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A