

Suction plate (round)

SPU 250 NBR-55 G1/2-IG B

Part no.:10.01.01.10589

<https://www.schmalz.com/10.01.01.10589>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Wood > Suction Plates
SPU > SPU 250 NBR-55 G1/2-IG B

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



Size: 250

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Connection: G1/2"-F

Design Data



Attribute	Value
d	34 mm
d2	203 mm
d3	178 mm
Dmax(S)	265 mm
Ds	252 mm
G1	G1/2"-F
G2	G1/2"-F
H	29 mm
H1	30.50 mm
L2	76 mm
LG1	13.50 mm
LG2	15 mm
Z (Stroke)	12 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	2650 N
Suction force d2	1940 N
Volume	512 cm ³

Contact Schmalz

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Curve radius (min) (convex)	1500 mm
Hose diameter (rec.) d	12 mm
Size	250
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Weight	1330 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 280

Part no.:10.01.01.12485

Size: 280

Clamping range: 270.0 ... 300.0 mm

Temperature resistance: 80 °C

Spare parts



DR-SPU 250 NBR-55 B

Part no.:10.01.01.10579

Size: 250

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

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