

Suction plate (round)

SPU 160 NBR-55 G1/2-IG

Part no.:10.01.01.01116

<https://www.schmalz.com/10.01.01.01116>

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



Size: 160

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	113 mm
d3	88 mm
Dmax(S)	170 mm
Ds	160 mm
G1	G1/2"-F
G2	G1/4"-F
H	24.50 mm
H1	26 mm
L2	36.50 mm
LG1	13.50 mm
LG2	15 mm
Z (Stroke)	8 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1090 N
Suction force d2	600 N
Volume	142 cm ³

Contact Schmalz

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Curve radius (min) (convex)	350 mm
Hose diameter (rec.) d	12 mm
Size	160
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Weight	400 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 160

Part no.:10.01.01.12438

Size: 160

Clamping range: 150.0 ... 180.0 mm

Temperature resistance: 80 °C

Spare parts



DR-SPU 160 NBR-55

Part no.:10.01.01.01111

Size: 160

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

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