

Suction plate (oval)

SPLO 300x100 NBR-55 TV

Part no.: 10.01.05.00188

<https://www.schmalz.com/10.01.05.00188>

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Flat suction cup (oval) for narrow or curved workpieces



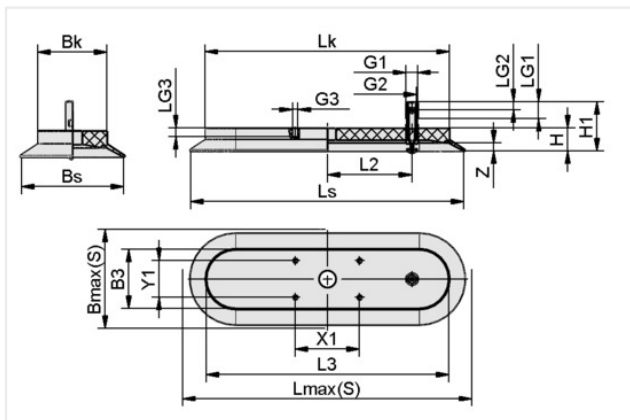
Dimensions (LxB): 300 x 100

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Height H: 25 mm

Design Data



Attribute	Value
B3	65 mm
Bk	67.70 mm
Bmax(S)	108 mm
Bs	98.80 mm
G1	G1/4"-M
G2	G1/8"-F
G3	M6-F
H	25 mm
H1	53.50 mm
L2	92 mm
L3	264 mm
LG1	13 mm
LG2	9.50 mm
LG3	9 mm
Lk	266.70 mm
Lmax(S)	308 mm
Ls	297.80 mm
X1	70 mm
Y1	40 mm
Z (Stroke)	8.80 mm

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

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Technical Data

Attribute	Value
Suction force (-600mbar)	1250 N
Volume	256.39 cm ³
Curve radius (min) (convex)	175 mm
Number of folds	0
Dimensions (LxB)	300 x 100
Suction cup material	Nitrile rubber NBR
Weight	1300 g
Product family	SPLO

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
