

Suction plate (oval)

SPLO 100x32 NBR-55 G1/4-IG

Part no.:10.01.05.00002

<https://www.schmalz.com/10.01.05.00002>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Oval) > Suction Plates SPLO > SPLO 100x32 NBR-55 G1/4-IG

Flat suction cup (oval) for narrow or curved workpieces



Dimensions (LxB): 100 x 32

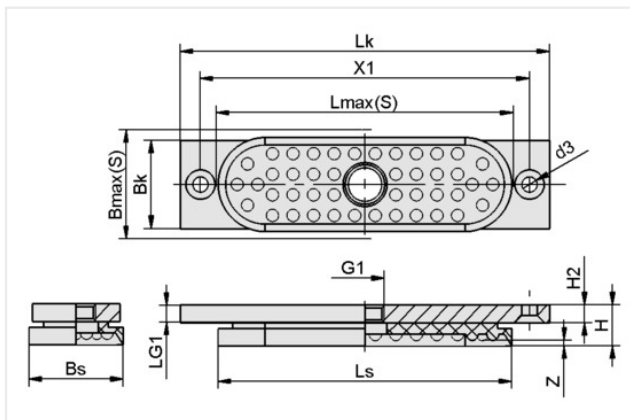
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Connection: G1/4"-F

Height H: 14 mm

Design Data



Attribute	Value
Bk	30 mm
Bmax(S)	34 mm
Bs	32 mm
d3	5.30 mm
G1	G1/4"-F
H	14 mm
H2	6 mm
LG1	6 mm
Lk	125.80 mm
Lmax(S)	102 mm
Ls	100 mm
X1	112 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	134 N
Volume	10.73 cm ³
Curve radius (min) (convex)	50 mm

Contact Schmalz

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Number of folds	0
Dimensions (LxB)	100 x 32
Suction cup material	Nitrile rubber NBR
Weight	180 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