

Suction plate (round)

SHF 210 NK-45 G1/2-IG

Part no.: 10.01.01.11814

<https://www.schmalz.com/10.01.01.11814>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Wood > Suction Plates SHF > SHF 210 NK-45 G1/2-IG

Flat suction cup (round) for highly dynamic handling of wood



Size: 210

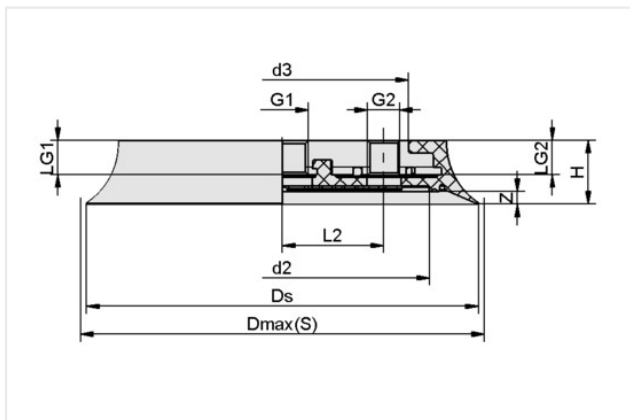
Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

Connection: G1/2-IG

Height H: 26 mm

Design Data



Attribute	Value
d2	170 mm
d3	134 mm
Dmax(S)	218 mm
Ds	210 mm
G1	G1/2"-F
G2	G1/4"-F
H	26 mm
L2	52.80 mm
LG1	14 mm
LG2	12.80 mm
Z (Stroke)	6 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1770 N
Suction force d2	1160 N
Volume	223.80 cm ³
Curve radius (min) (convex)	885 mm
Hose diameter (rec.) d	12 mm

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

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Size	210
Suction cup material	Natural Rubber NK
Material hardness [Shore A]	45 Shore A
Weight	1,120.50 g
Number of folds	0
Product family	SHF

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



TV G1/4-AG 13

Part no.:10.05.10.00061

Thread G1: G1/4"-M

Thread G2: G1/8"-F

Spring stroke Z: 13 mm



SIEB 19.5x1 MS 100

Part no.:10.07.01.00215

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SIEB 27x1 MS-A2 100 100/65

Part no...:10.07.01.00110



PC 200

Part no...:10.01.01.13089

Size: 200

Spare parts



DR-SHF 210 NK-45

Part no...:10.01.01.11809

Size: 210

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

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