

Suction plate (round)

SHF 160 NK-45 G1/2-IG

Part no.: 10.01.01.12025

<https://www.schmalz.com/10.01.01.12025>

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



Size: 160

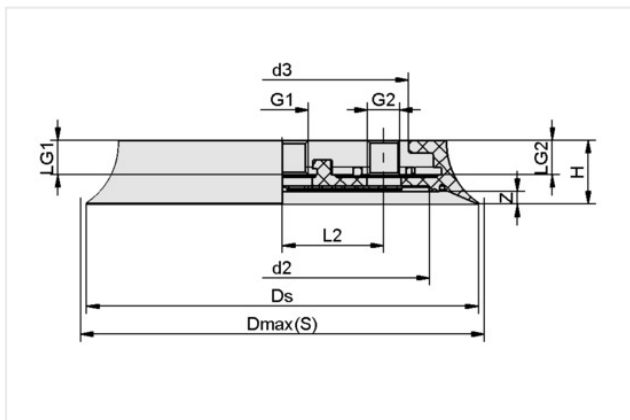
Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

Connection: G1/2-IG

Height H: 26 mm

Design Data



Attribute	Value
d2	120 mm
d3	103 mm
Dmax(S)	168 mm
Ds	160 mm
G1	G1/2"-F
G2	G1/4"-F
H	26 mm
L2	41.35 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)	1025 N
Suction force d2	580 N
Volume	116.80 cm ³
Curve radius (min) (convex)	500 mm
Hose diameter (rec.) d	12 mm

Contact Schmalz

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Size	160
Suction cup material	Natural Rubber NK
Material hardness [Shore A]	45 Shore A
Weight	577 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 150

Part no...:10.01.01.13087

Size: 150

Spare parts



DR-SHF 160 NK-45

Part no...:10.01.01.12023

Size: 160

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

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Size: 160

Suction cup material: Natural Rubber NK

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