

Bell suction cup (round)

SAXM 100 ED-85 G1/4-AG

Part no.:10.01.19.00059

<https://www.schmalz.com/10.01.19.00059>

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Bell suction cup (round) for best adaptation to strongly curved surfaces



Size: 100

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

Design Data



Attribute	Value
dn	6.10 mm
Dmax(S)	111.10 mm
Ds	99.70 mm
G1	G1/4"-M
H	47.20 mm
LG1	10 mm
SW1	22 mm
Z (Stroke)	17.10 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	412 N
Lateral force	230 N
Lateral force (oily surface)	414 N
Volume	95.50 cm ³
Curve radius (min) (convex)	40 mm
Hose diameter (rec.) d	6 mm
Size	100

Contact Schmalz

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Connection	G1/4"-M
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	73.60 g
Product family	SAXM

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 Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SC-A 065 G1/4-AG L

Part no.:10.01.06.02824

Connection geometry: 065

Thread G1: G1/4"-M

Fitting length: 8 mm

Shape: Self Locking



SAXM 100 ED-85 SC065

Part no.:10.01.19.00009

Size: 100

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

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SC-S 065 FDC-L

Part no...:10.01.06.02805

Shape: Frict elem with Self lock