

Bell suction cup (round)

SAXM 50 ED-85 M14x1.5-AG

Part no.:10.01.19.00027

<https://www.schmalz.com/10.01.19.00027>

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



Size: 50

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: M14x1.5-AG

Design Data



Attribute	Value
dn	6.10 mm
Dmax(S)	58.40 mm
Ds	51.50 mm
G1	M14x1.5-M
H	32.80 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	8.40 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	109 N
Lateral force	58 N
Lateral force (oily surface)	110 N
Volume	14.40 cm ³
Curve radius (min) (convex)	25 mm
Hose diameter (rec.) d	6 mm
Size	50

Contact Schmalz

Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com

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Connection	M14x1.5-M
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	28.20 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 055 M14x1.5-AG L

Part no.:10.01.06.02823

Connection geometry: 055

Thread G1: M14x1.5-M

Fitting length: 7.2 mm

Shape: Self Locking



SAXM 50 ED-85 SC055

Part no.:10.01.19.00006

Size: 50

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

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SC-S 055 FDC-L

Part no...:10.01.06.02804

Shape: Frict elem with Self lock