

Bell suction cup (round)

SAXM 80 ED-85 RA

Part no.: 10.01.19.00038

<https://www.schmalz.co.jp/10.01.19.00038>

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



Size: 80

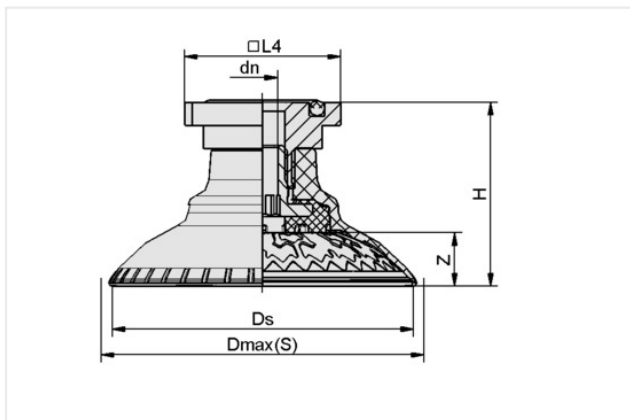
Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: RA

Design Data



Attribute	Value
dn	6.10 mm
Dmax (S)	92.20 mm
Ds	81 mm
H	40.60 mm
L4	31.80 mm
Z (Stroke)	13.90 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	270 N
Lateral force	150 N
Lateral force (oily surface)	269 N
Volume	51.90 cm ³
Curve radius (min) (convex)	32.50 mm
Hose diameter (rec.) d	6 mm
Size	80

Contact Schmalz

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Connection	Rectangular adapter
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	49.90 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 RA L

Part no.: 10.01.06.02815

Connection geometry: 055

Fitting length: 9.5 mm

Shape: Self Locking



SAXM 80 ED-85 SC055

Part no.: 10.01.19.00008

Size: 80

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

Contact Schmalz

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