

Bell suction cup (round)

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SAX 80 ED-85 M16-AG

Part no.: 10.01.19.00233

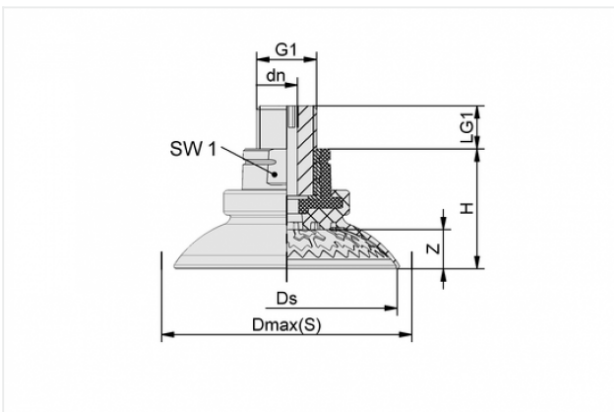
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Bell suction cup (round) for best adaptation to strongly curved surfaces



Size: 80
Suction cup material: Elastodur
Material hardness: 85 °Sh
Vacuum connection: M16-M
Nipple material: Aluminium

Design Data



Attribute	Value
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dn	6.1 mm
Dmax(S)	92.2 mm
Ds	81 mm
G1	M16-M
H	34.5 mm
LG1	12 mm
SW1	22 mm
Z	13.9 mm

Technical Data

Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | customercenter@schmalz.de

Attribute	Value
Suction force	270 N
Lateral force	192 N
Lateral force (oily surface)	269 N
Volume	51 cm ³
Curve radius (min) (convex)	32.5 mm
Size	80
Connection	M16-M
Number of folds	0
Suction cup material	Elastodur
Material hardness	85 °Sh
Weight	46.5 g
Product family	SAX

***The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor.**

****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.**

*****The recommended hose diameter refers to a hose length of approx. 2 m.**