

Bell suction cup (round)

SAX 100 ED-85 G1/4-IG

Part no.:10.01.19.00184

<https://www.schmalz.com/10.01.19.00184>



Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal >

Bell-Shaped Suction Cups SAX > SAX 100 ED-85 G1/4-IG

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



Size: 100

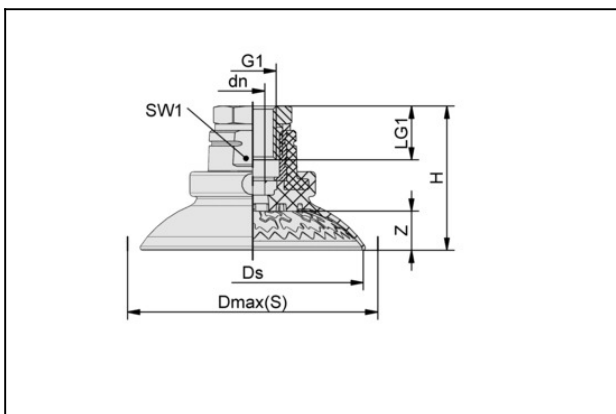
Suction cup material: Elastodur

Material hardness: 85 °Sh

Vacuum connection: G1/4"-F

Nipple material: Brass, nickel-plated

Design Data



Attribute	Value
-----------	-------

dn	6.75 mm
----	---------

Dmax(S)	111.1 mm
---------	----------

Ds	100.1 mm
----	----------

G1	G1/4"-IG
----	----------

H	46.5 mm
---	---------

LG1	15 mm
-----	-------

SW1	22 mm
-----	-------

Z (Stroke)	17.3 mm
------------	---------

Technical Data

[Contact to Schmalz](#)

Schmalz Sp.z.o.o. | Kobaltowa 4, 62-002 Złotniki, Polen | +48 22 460 49 70 | schmalz@schmalz.pl

Page 1 of 2

Bell suction cup (round)

SAX 100 ED-85 G1/4-IG

Part no.:10.01.19.00184

<https://www.schmalz.com/10.01.19.00184>



Attribute	Value
Suction force (-600mbar)	412 N
Lateral force	284 N
Lateral force (oily surface)	414 N
Volume	96 cm ³
Curve radius (min) (convex)	40 mm
Size	100
Connection	G1/4"-F
Number of folds	0
Suction cup material	Elastodur
Material hardness [Shore A]	85 Shore A
Weight	64.3 g
Product family	SAX