

Bell suction cup (round)

## SAX 80 ED-85 M16-AG RP



Art.-Nr.: 10.01.19.00233

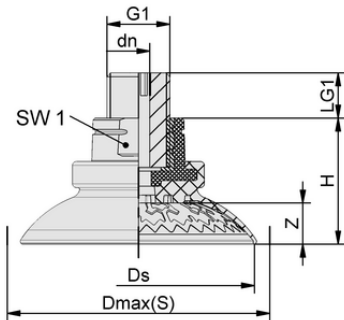


### Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	80.00
Number of folds	0.0
Connection	M16-M

SAX 80 ED-85 M16-AG RP

Suction cup SAX, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.



### Design data

Attribute	Value
Height H	34.50 mm
Nominal diameter dn	6.10 mm
Thread G1	M16-M
Thread length LG1	12.0 mm
Key width SW1	22.0 mm
Spring stroke Z	13.9 mm
Diameter Ds	81.0 mm
Diameter Dmax(S)	92.2 mm

Design data SAX 80 ED-85 M16-AG RP



[WWW.SCHMALZ.COM/10.01.19.00233](http://WWW.SCHMALZ.COM/10.01.19.00233)

1

Art.-Nr.: 10.01.19.00233

**Technical data**

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Workpiece radius min. (convex)	32.5 mm
Suction force (-600mbar)	270.00 N
Weight	46.50 g
Lateral force	192.0 N
Lateral force oily surface	269.0 N
Volume	51.000 cm <sup>3</sup>
Size	80.00
Number of folds	0.0
Connection	M16-M
Product family	SAX

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.19.00233](http://www.schmalz.com/10.01.19.00233)

**Discontinued item**

The product family will be discontinued and is available until **31.12.2026**  
Starting from this time, the article can no longer be ordered.  
alternative article

