

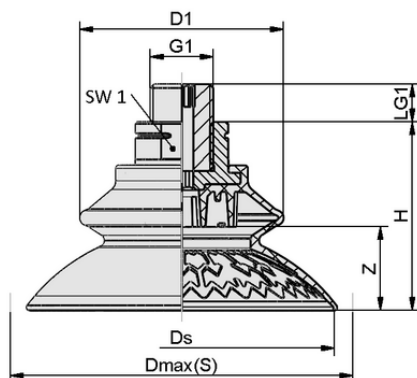


Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	100.00
Number of folds	1.5
Connection	M16-AG
Nipple material	Aluminum

SAXB 100 ED-85 M16-AG

Bellows suction cup SAXB, available in various diameters, is supplied with a positively overmolded connection nipple.



Design data

Attribute	Value
Height H	56.60 mm
Outside diameter D1	78.4 mm
Thread G1	M16-M
Thread length LG1	11.0 mm
Key width SW1	22.0 mm
Spring stroke Z	25.8 mm
Diameter Ds	99.6 mm
Diameter Dmax(S)	109.0 mm

Design data SAXB 100 ED-85 M16-AG

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**Technical data**

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	45.0 mm
Suction force (-600mbar)	210.00 N
Weight	83.10 g
Lateral force	240.0 N
Lateral force oily surface	243.0 N
Volume	138.400 cm ³
Size	100.00
Number of folds	1.5
Connection	M16-M
Product family	SAXB

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/10.01.42.00065

