



SAXB 40 ED-85 M16-AG

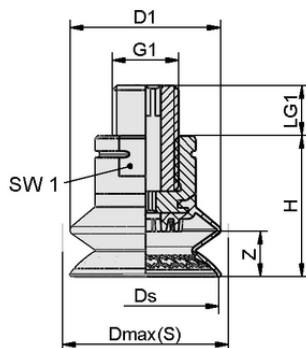
Bellows suction cup SAXB, available in various diameters, is supplied with a positively overmolded connection nipple.

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	40.00
Number of folds	1.5
Connection	M16-AG
Nipple material	Aluminum

Design data

Attribute	Value
Height H	28.80 mm
Outside diameter D1	33.8 mm
Thread G1	M16-M
Thread length LG1	11.0 mm
Key width SW1	17.0 mm
Spring stroke Z	9.8 mm
Diameter Ds	39.4 mm
Diameter Dmax(S)	44.0 mm



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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)	18.0 mm
Suction force (-600mbar)	42.00 N
Weight	19.70 g
Lateral force	45.0 N
Lateral force oily surface	37.0 N
Volume	8.700 cm ³
Size	40.00
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/10.01.42.00092

