

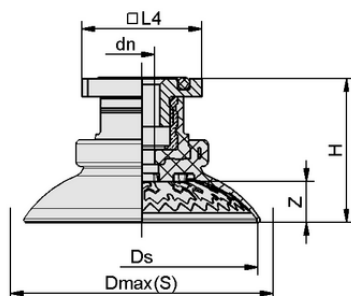
SAX 40 ED-85 RA

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

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	40.00
Number of folds	0.0
Connection	Rectangular adapter

Design data



Attribute	Value
Height H	34.00 mm
Nominal diameter dn	6.75 mm
Key width SW1	22.0 mm
Spring stroke Z	7.1 mm
Diameter Ds	41.3 mm
Length L4	31.80 mm
Diameter Dmax(S)	45.4 mm

Design data SAX 40 ED-85 RA

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**Technical data**

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Workpiece radius min. (convex)	25.0 mm
Suction force (-600mbar)	69.00 N
Weight	38.3 g
Lateral force	49.0 N
Lateral force oily surface	71.0 N
Volume	8.500 cm ³
Size	40.00
Number of folds	0.0
Connection	Rectangular adapter
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/10.01.19.00173

