

Art.-Nr.: 10.01.06.06005



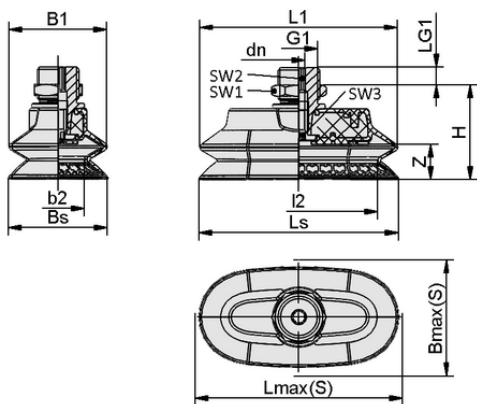
SAOXB 60x30 ED-85 M12x1.5-AG

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Number of folds	1.5
Dimension (LxW)	60x30
Nipple material	Aluminum

Design data

Attribute	Value
Length L1	59.20 mm
Width B1	29.50 mm
Height H	33.00 mm
Nominal diameter dn	4.50 mm
Thread G1	M12x1.5-M
Thread length LG1	8.5 mm
Key width SW1	18.0 mm
Spanner size SW2	5.0 mm
Spring stroke Z	10.5 mm
Suction cup width Bs	30.00 mm
Ls	60.00 mm
Key width SW3	5.0 mm
Lmax.(S)	63.00 mm
Bmax(S)	34.00 mm
Length L2	45.60 mm
Width B2	15.60 mm



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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)	15.0 mm
Pull-off force	62.50 N
Suction force (-600mbar)	37.40 N
Lateral force	31.5 N
Lateral force oily surface	36.2 N
Volume	13.700 cm ³
Number of folds	1.5
Effective suction area	14.78 mm ²
Product family	SAOXB
Dimension (LxW)	60x30
Nipple material	Aluminum

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/10.01.06.06005

**Ordering Data Spare Parts 10.01.06.06005**

Typ	Item number
Bellows suction cup (oval)	SAOXB 60x30 ED-85 SC043 10.01.06.05781