

Bell suction cup (oval)

SAOG-S 80x30 NBR-60 G1/4-AG



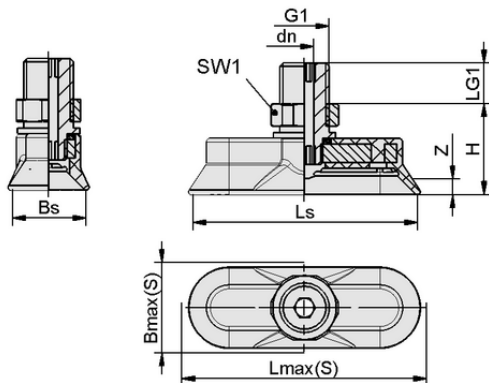
Art.-Nr.: 10.01.01.12178



SAOG-S 80x30 NBR-60 G1/4-AG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Connection	G1/4-AG
Dimension (LxW)	80x30
Nipple material	Aluminum



Design data SAOG-S 80x30 NBR-60 G1/4-AG

Design data

Attribute	Value
Height H	25.00 mm
Nominal diameter dn	5.00 mm
Thread G1	G1/4"-M
Thread length LG1	10.0 mm
Key width SW1	17.0 mm
Spring stroke Z	6.0 mm
Suction cup width Bs	30.90 mm
Ls	80.90 mm
Lmax.(S)	86.50 mm
Bmax(S)	37.50 mm



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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	20.0 mm
Suction force (-600mbar)	105.00 N
Weight	29.5 g
Dimension (LxW)	80 x 30
Lateral force	130.0 N
Lateral force oily surface	91.0 N
Volume	11.000 cm ³
Number of folds	0.0
Product family	SAOG-S

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/10.01.01.12178

**Ordering Data Spare Parts 10.01.01.12178**

Typ		Item number
Sealing ring (f. screwing)	DR G1/8 13.8/10.2x1.5 AL	10.07.08.00094
Hexagon nut	MUTT G1/4x6 ST-VZ	20.03.09.00020

**Ordering Data Wear Parts 10.01.01.12178**

Typ		Item number
Bell suction cup (oval)	SAOG-S 80x30 NBR-60 G1/8-IG	10.01.01.12177

