

Bell suction cup (oval)

SAOG-S 60x20 NBR-60 G1/4-IG

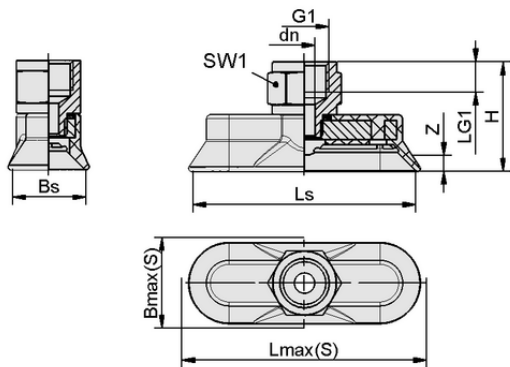
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SAOG-S 60x20 NBR-60 G1/4-IG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Connection	G1/4-IG
Dimension (LxW)	60x20
Nipple material	Nickel plated



Design data SAOG-S 60x20 NBR-60 G1/4-IG

Design data

Attribute	Value
Height H	28.00 mm
Nominal diameter dn	5.50 mm
Thread G1	G1/4"-F
Thread length LG1	8.0 mm
Key width SW1	17.0 mm
Spring stroke Z	5.0 mm
Suction cup width Bs	20.90 mm
Ls	60.90 mm
Lmax.(S)	65.80 mm
Bmax(S)	25.80 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)	12.5 mm
Suction force (-600mbar)	56.00 N
Weight	27.0 g
Dimension (LxW)	60 x 20
Lateral force	45.0 N
Lateral force oily surface	30.0 N
Volume	4.000 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/10.01.01.12247

**Ordering Data Spare Parts 10.01.01.12247**

Typ		Item number
Sealing ring (f. screwing)	DR G1/8 13.8/10.2x1.5 AL	10.07.08.00094
Extension with hexagon	ERW-S G1/8-AG G1/4-IG	10.08.04.00076

