

Bell suction cup (oval)

SAOG-S 60x20 NBR-60 M10-AG



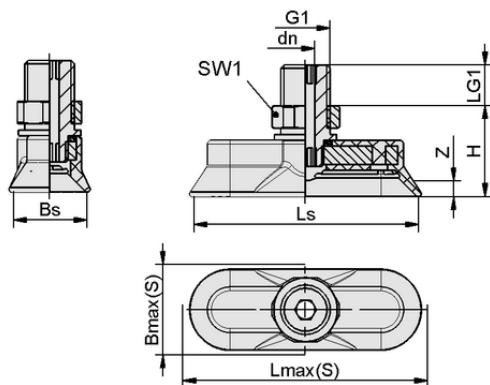
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Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Connection	M10-AG
Dimension (LxW)	60x20
Nipple material	Steel



Design data

Attribute	Value
Height H	32.50 mm
Nominal diameter dn	5.10 mm
Thread G1	M10-M
Thread length LG1	10.0 mm
Key width SW1	16.0 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	26.5 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/10.01.01.12302

