Flat suction cup (oval)

SAOF 60x23 NBR-60 M10-AG

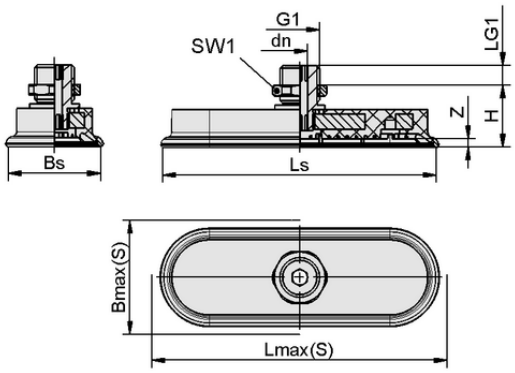
Art.-Nr.: 10.01.05.00382

SAOF 60x23 NBR-60 M10-AG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Connection	M10-AG
Dimension (LxW)	60x23
Nipple material	Steel

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



Design data SAOF 60x23 NBR-60 M10-AG

Design data

Attribute	Value
Height H	18.00 mm
Nominal diameter dn	4.00 mm
Thread G1	M10-M
Thread length LG1	10.0 mm
Key width SW1	16.0 mm
Spring stroke Z	3.0 mm
Suction cup width Bs	21.60 mm
Ls	60.60 mm
Lmax.(S)	64.00 mm
Bmax(S)	25.00 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

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Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	20.0 mm
Suction force (-600mbar)	57.00 N
Weight	33.00 g
Lateral force	37.0 N
Lateral force oily surface	33.0 N
Volume	3.890 cm^3
Number of folds	0.0
Product family	SAOF
Dimension (LxW)	60x23

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose 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/10.01.05.00382**

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