

Edge gripper suction cup (oval)

SAOK 70x25 NBR-60 G1/4-IG



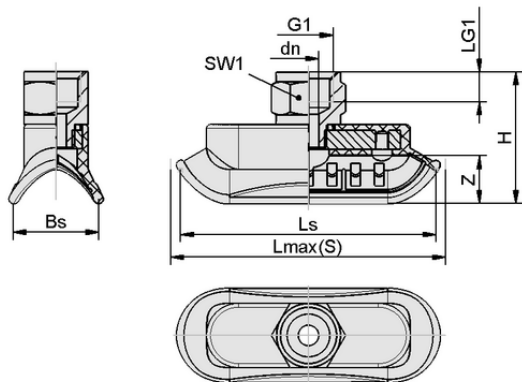
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Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Dimension (LxW)	70 x 25
Connection	G1/4-IG
Nipple material	Brass

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Design data

Attribute	Value
Height H	35.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-F
Thread length LG1	8.0 mm
Key width SW1	17.0 mm
Spring stroke Z	12.8 mm
Suction cup width Bs	22.60 mm
Ls	67.20 mm
Lmax.(S)	71.00 mm

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Hose inner diameter (recom.) d	6.0 mm
Pull-off force	81.00 N
Weight	34.0 g
Dimension (LxW)	70 x 25
Lateral force	46.0 N
Lateral force oily surface	20.0 N
Number of folds	0.0
Pull-off force oily surface	60.00 N
Workpiece angle W min.	80.0 °
Product family	SAOK

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/10.01.01.12459

