

Flat suction cup (round)

SAF 50 NBR-45 G1/4-IG



Art.-Nr.: 10.01.01.11441

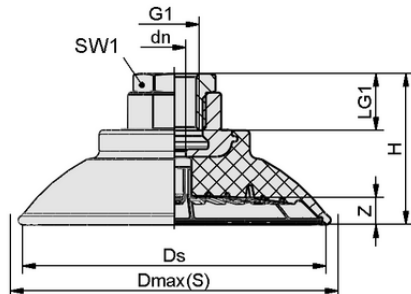


Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45.0 Shore A
Size	50.00
Connection	G1/4-IG
Nipple material	Nickel plated

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



Design data

Attribute	Value
Height H	33.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-F
Thread length LG1	15.0 mm
Key width SW1	22.0 mm
Spring stroke Z	5.0 mm
Diameter Ds	50.0 mm
Diameter Dmax(S)	56.0 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]	45.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	65.0 mm
Suction force (-600mbar)	100.00 N
Weight	30.80 g
Lateral force	80.0 N
Lateral force oily surface	76.0 N
Volume	9.480 cm ³
Size	50.00
Number of folds	0.0
Product family	SAF

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/10.01.01.11441

**Ordering Data Accessories 10.01.01.11441**

Typ	Item number
Suction cup cover	SU 50
	10.01.01.12837

