Flat suction cup (round)

SAF 100 NBR-45 G1/4-AG

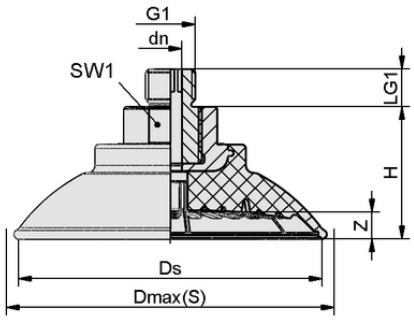
Art.-Nr.: 10.01.01.11470

SAF 100 NBR-45 G1/4-AG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45.0 Shore A
Size	100.00
Connection	G1/4-AG
Nipple material	Aluminum

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



Design data SAF 100 NBR-45 G1/4-AG

Design data

Attribute	Value
Height H	36.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-M
Thread length LG1	10.0 mm
Key width SW1	22.0 mm
Spring stroke Z	9.5 mm
Diameter Ds	103.0 mm
Diameter Dmax(S)	110.0 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	6.0 mm
Workpiece radius min. (convex)	135.0 mm
Suction force (-600mbar)	430.00 N
Weight	76.30 g
Lateral force	310.0 N
Lateral force oily surface	300.0 N
Volume	59.900 cm^3
Size	100.00
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/10.01.01.11470**

Ordering Data Accessories 10.01.01.11470

Typ		Item number
Suction cup cover	SU 100	10.01.01.12840

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