

Flat suction cup (round)

## SAF 80 NBR-45 G1/4-IG



Art.-Nr.: 10.01.01.11461

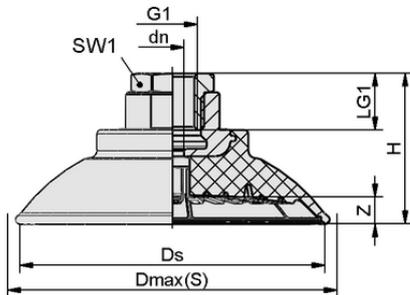


### Technical data

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45.0 Shore A
Size	80.00
Connection	G 1/4-IG
Nipple material	Nickel plated

SAF 80 NBR-45 G1/4-IG

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



### Design data

Height H	40.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G 1/4"-F
Thread length LG1	20.0 mm
Key width SW1	22.0 mm
Spring stroke Z	7.6 mm
Diameter Ds	83.0 mm
Diameter Dmax(S)	89.0 mm

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

Design data SAF 80 NBR-45 G1/4-IG



[WWW.SCHMALZ.COM/10.01.01.11461](http://WWW.SCHMALZ.COM/10.01.01.11461)

1

Art.-Nr.: 10.01.01.11461

**Technical data**

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)	100.0 mm
Suction force (-600mbar)	272.00 N
Weight	56.20 g
Lateral force	205.0 N
Lateral force oily surface	180.0 N
Volume	36.700 cm <sup>3</sup>
Size	80.00
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

**Ordering Data Accessories 10.01.01.11461**

Typ		Item number
Suction cup cover	SU 80	10.01.01.12839

