

Bellows suction cup (round)

## SAB 100 NBR-60 M16-AG



Art.-Nr.: 10.01.06.03640

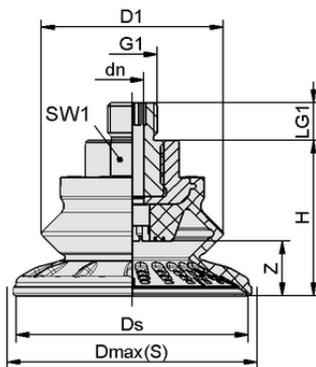


### Technical data

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Size	100.00
Number of folds	1.5
Connection	M16-AG
Nipple material	Aluminum

SAB 100 NBR-60 M16-AG

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



### Design data

Height H	56.60 mm
Outside diameter D1	77.0 mm
Nominal diameter dn	6.00 mm
Thread G1	M16-M
Thread length LG1	10.0 mm
Key width SW1	22.0 mm
Spring stroke Z	25.8 mm
Diameter Ds	100.8 mm
Diameter Dmax(S)	110.0 mm

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

Design data SAB 100 NBR-60 M16-AG



[WWW.SCHMALZ.COM/10.01.06.03640](http://WWW.SCHMALZ.COM/10.01.06.03640)

1

Art.-Nr.: 10.01.06.03640

**Technical data**

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	90.0 mm
Pull-off force	357.00 N
Suction force (-600mbar)	190.00 N
Weight	111.60 g
Lateral force	295.0 N
Lateral force oily surface	214.0 N
Volume	115.000 cm <sup>3</sup>
Size	100.00
Number of folds	1.5
Product family	SAB

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

