



SGAN 16 SI-55 G1/8-IG

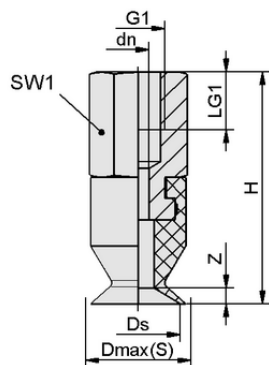
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	16.00
Connection	G1/8"-F

Suction cup SGAN (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type SGA – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup SGA, connection nipple SA-NIP



Design data SGAN 16 SI-55 G1/8-IG

Design data

Attribute	Value
Height H	25.00 mm
Nominal diameter dn	3.00 mm
Thread G1	G1/8"-F
Thread length LG1	8.0 mm
Key width SW1	14.0 mm
Spring stroke Z	2.0 mm
Diameter Ds	15.0 mm
Diameter Dmax(S)	17.5 mm

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

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**Technical data**

Attribute	Value
Nipple family	N 029
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	15.0 mm
Suction force (-600mbar)	6.90 N
Weight	6.50 g
Volume	0.607 cm ³
Size	16.00
Number of folds	0.0
Product family	SGAN

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/10.01.01.00809

**Ordering Data Spare Parts 10.01.01.00809**

Typ	Item number
Suction cup connection nipple	SA-NIP N029 G1/8-IG DN350 10.01.01.00815

**Ordering Data Wear Parts 10.01.01.00809**

Typ	Item number
Flat suction cup (round)	SGA 16 SI-55 N029 10.01.01.00452

