



SGAN 7 SI-55 M5-AG

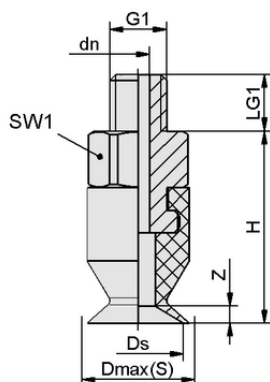
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	7.00
Connection	M5-M

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 7 SI-55 M5-AG

Design data

Attribute	Value
Height H	17.00 mm
Nominal diameter dn	2.00 mm
Thread G1	M5-M
Thread length LG1	5.0 mm
Key width SW1	8.0 mm
Spring stroke Z	1.0 mm
Diameter Ds	7.0 mm
Diameter Dmax(S)	7.5 mm

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

Art.-Nr.: 10.01.01.00798

**Technical data**

Attribute	Value
Nipple family	N 028
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Workpiece radius min. (convex)	7.5 mm
Suction force (-600mbar)	1.60 N
Weight	2.1 g
Volume	0.186 cm ³
Size	7.00
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/10.01.01.00798

**Ordering Data Spare Parts 10.01.01.00798**

Typ	Item number
Suction cup connection nipple	SA-NIP N028 M5-AG DN200 10.01.01.00753

**Ordering Data Wear Parts 10.01.01.00798**

Typ	Item number
Flat suction cup (round)	SGA 7 SI-55 N028 10.01.01.00347

