



SGPN 15 HT1-60 M5-AG

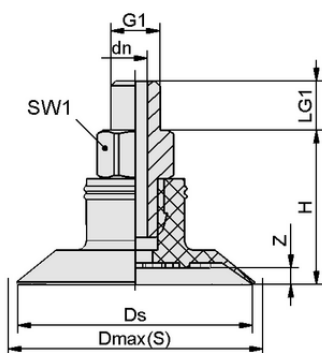
Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	15.00
Vacuum connection	M5-M
Nipple material	Aluminum

Flat suction cup SGPN (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

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

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



Design data SGPN 15 HT1-60 M5-AG

Design data

Attribute	Value
Height H	15.00 mm
Nominal diameter dn	2.50 mm
Thread G1	M5-M
Thread length LG1	5.0 mm
Key width SW1	7.0 mm
Spring stroke Z	0.9 mm
Diameter Ds	14.5 mm
Diameter Dmax(S)	15.5 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	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Suction force (-600mbar)	5.50 N
Weight	1.6 g
Volume	0.278 cm ³
Size	15.00
Number of folds	0.0
Product family	SGPN

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/10.01.01.12396

**Ordering Data Spare Parts 10.01.01.12396**

Typ	Item number
Suction cup connection nipple	SA-NIP N016 M5-AG DN250 10.01.06.00123

**Ordering Data Wear Parts 10.01.01.12396**

Typ	Item number
Flat suction cup (round)	SGP 15 HT1-60 N016 10.01.01.12394

