



SGPN 34 FPM-65 G1/4-AG

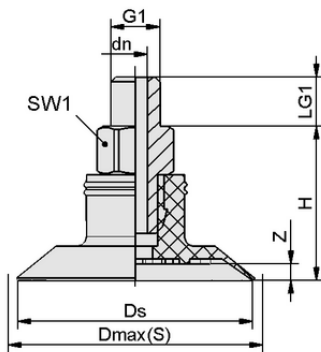
Technical data

Attribute	Value
Suction cup material	Fluorine rubber FPM
Material hardness [Shore A]	65.0 Shore A
Size	34.00
Vacuum connection	G1/4"-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 34 FPM-65 G1/4-AG

Design data

Attribute	Value
Height H	28.00 mm
Nominal diameter dn	5.50 mm
Thread G1	G1/4"-M
Thread length LG1	10.0 mm
Key width SW1	17.0 mm
Spring stroke Z	2.2 mm
Diameter Ds	34.0 mm
Diameter Dmax(S)	37.5 mm

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

Art.-Nr.: 10.01.01.12920

**Technical data**

Attribute	Value
Suction cup material	Fluorine rubber FPM
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Suction force (-600mbar)	25.00 N
Weight	14.60 g
Volume	3.700 cm ³
Size	34.00
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/10.01.01.12920

**Ordering Data Spare Parts 10.01.01.12920**

Typ	Item number
Suction Cup Connection Nipples	SA-NIP N033 G1/4-AG DN550 10.01.01.00818

**Ordering Data Wear Parts 10.01.01.12920**

Typ	Item number
Flat suction cup (round)	SGP 34 FPM-65 N033 10.01.01.12919

