



PFYN 60 HT1-60 G1/4-AG

Suction cup PFYN (elastomer part + connection nipple) is delivered unassembled (diameters of 120 mm and more are assembled). The delivery consists of:

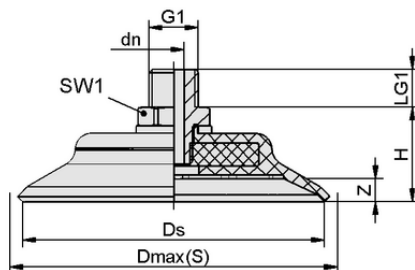
- Suction cup of type PFG – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

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

Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	60.00
Vacuum connection	G1/4"-M
Nipple material	Aluminum
Material property	non-marking

Design data



Attribute	Value
Height H	23.00 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	4.7 mm
Diameter Ds	60.0 mm
Diameter Dmax(S)	64.0 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	6.0 mm
Workpiece radius min. (convex)	100.0 mm
Suction force (-600mbar)	125.00 N
Weight	34.20 g
Volume	10.000 cm ³
Size	60.00
Number of folds	0.0
Product family	PFYN

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/10.01.01.11142

**Ordering Data Accessories 10.01.01.11142**

Typ	Item number
Suction cup cover SU 60	10.01.01.13585

**Ordering Data Spare Parts 10.01.01.11142**

Typ	Item number
Suction cup connection nipple (inst) SA-NIP N009 G1/4-AG	10.01.01.10097

**Ordering Data Wear Parts 10.01.01.11142**

Typ	Item number
Flat suction cup (round) PFG 60 HT1-60 N009 M10x1.25-IG	10.01.01.11169

