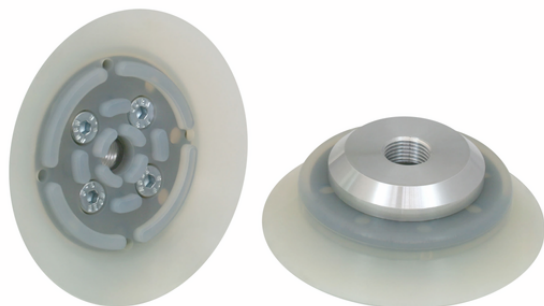




Technical data

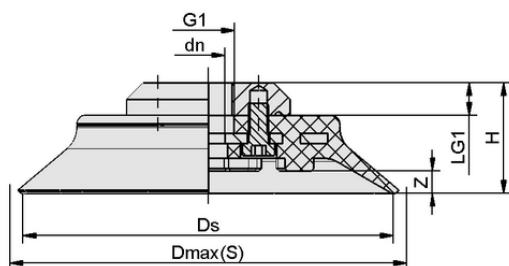
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	120.00
Vacuum connection	G1/2"-F
Nipple material	Aluminum

PFYN 120 SI-55 G1/2-IG

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



Design data

Attribute	Value
Height H	37.50 mm
Nominal diameter dn	13.50 mm
Thread G1	G1/2"-F
Thread length LG1	13.0 mm
Spring stroke Z	6.0 mm
Diameter Ds	120.0 mm
Diameter Dmax(S)	124.0 mm

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

Design data PFYN 120 SI-55 G1/2-IG

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**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	300.0 mm
Suction force (-600mbar)	540.00 N
Weight	352.60 g
Volume	77.800 cm ³
Size	120.00
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/10.01.01.00338

**Ordering Data Accessories 10.01.01.00338**

Typ	Item number
Suction cup cover SU 120	10.01.01.12437

**Ordering Data Spare Parts 10.01.01.00338**

Typ	Item number
Suction cup connection nipple (inst) SA-NIP N010 G1/2-IG	10.01.01.00796

**Ordering Data Wear Parts 10.01.01.00338**

Typ	Item number
Flat suction cup (round) PFG 120 SI-55 N010	10.01.01.00332

