

SPU 100 SI-60 G1/4-IG

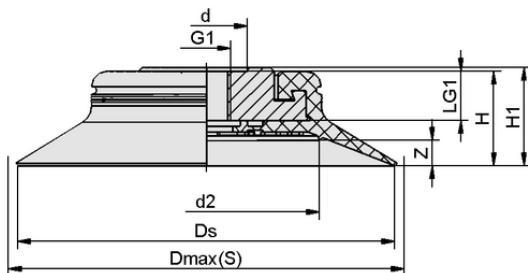
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	60.0 Shore A
Size	100.00
Connection	G1/4"-F

Suction plate SPU (sealing ring + support plate) is delivered assembled. The assembly consists of:

- Sealing ring of type DR-SPU – elastomer part, available in various diameters
- Aluminum support plate, available with various threads
- Optional product addition: touch valve, steep sealing lip, peeling insert

Available spare parts: sealing ring DR-SPU, touch valve TV



Design data SPU 100 SI-60 G1/4-IG

Design data

Attribute	Value
Height H1	26.00 mm
Height H	25.00 mm
d2	60.0 mm
Internal diameter d	22.00 mm
Thread G1	G1/4"-F
Thread length LG1	13.0 mm
Spring stroke Z	7.0 mm
Diameter Ds	100.0 mm
Diameter Dmax(S)	108.0 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	Silicone SI
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	130.0 mm
Suction force (-600mbar)	425.00 N
Weight	100.0 g
Volume	44.300 cm ³
Size	100.00
Suction force d2	185.00 N
Number of folds	0.0
Product family	SPU

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/10.01.01.01108

**Ordering Data Accessories 10.01.01.01108**

Typ	Item number
Suction cup cover SU 100	10.01.01.12840

**Ordering Data Wear Parts 10.01.01.01108**

Typ	Item number
Sealing ring for SPU suction plate DR-SPU 100 SI-60	10.01.01.01105

