



SPU 400 NBR-55 G1/2-IG

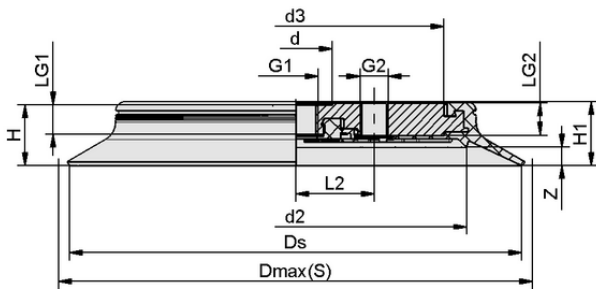
Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	400.00
Connection	G1/2"-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 400 NBR-55 G1/2-IG

Design data

Attribute	Value
Length L2	86.00 mm
Height H1	29.00 mm
Height H	28.50 mm
d2	349.0 mm
Thread G1	G1/2"-F
Thread length LG1	15.5 mm
Thread G2	G1/2"-F
Thread length LG2	17.0 mm
Hole size d3	315.0 mm
Spring stroke Z	6.0 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	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Workpiece radius min. (convex)	6,500.0 mm
Suction force (-600mbar)	6,780.00 N
Weight	3,900.0 g
Volume	890.000 cm ³
Size	400.00
Suction force d2	5,870.00 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/10.01.01.01138

**Ordering Data Wear Parts 10.01.01.01138**

Typ	Item number
Sealing ring for SPU suction plate	DR-SPU 400 NBR-55
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