

SPU 210 NBR-55 G1/2-IG

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

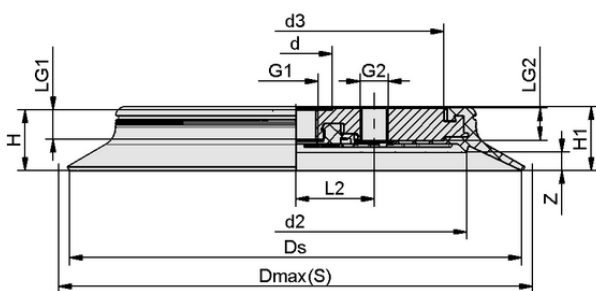
- Sealing ring of type DR-SPU – elastomer part, available in various diameters
- Aluminum support plate, available with various threads
- Optional product addition: touch valve, steep sealing lip, peeling insert

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

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	210.00
Connection	G1/2"-F

Design data



Attribute	Value
Length L2	36.50 mm
Height H1	27.00 mm
Height H	25.50 mm
d2	163.0 mm
Internal diameter d	34.00 mm
Thread G1	G1/2"-F
Thread length LG1	13.5 mm
Thread G2	G1/4"-F
Thread length LG2	15.0 mm
Hole size d3	138.0 mm
Spring stroke Z	8.0 mm
Diameter Ds	210.0 mm
Diameter Dmax(S)	220.0 mm

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

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Art.-Nr.: 10.01.01.01092

**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)	750.0 mm
Suction force (-600mbar)	1,870.00 N
Weight	800.00 g
Volume	226.000 cm ³
Size	210.00
Suction force d2	1,250.00 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/10.01.01.01092

**Ordering Data Accessories 10.01.01.01092**

Typ	Item number
Suction cup cover	SU 210 10.01.01.12439

**Ordering Data Wear Parts 10.01.01.01092**

Typ	Item number
Sealing ring for SPU suction plate	DR-SPU 210 NBR-55 10.01.01.01089

