

Suction plate (round)

## SPU 250 SI-60 G1/2-IG



Art.-Nr.: 10.01.01.01098



### Technical data

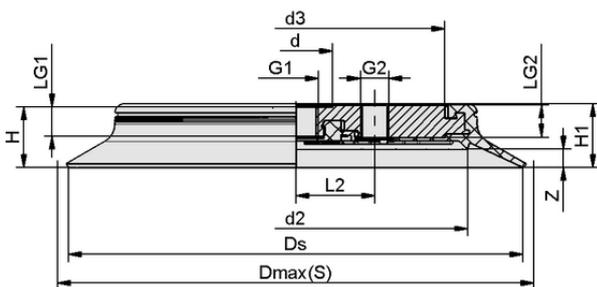
|                             |              |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 60.0 Shore A |
| Size                        | 250.00       |
| Connection                  | G1/2"-F      |

SPU 250 SI-60 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



### Design data

|                     |          |
|---------------------|----------|
| Length L2           | 76.00 mm |
| Height H1           | 26.50 mm |
| Height H            | 25.00 mm |
| d2                  | 203.0 mm |
| Internal diameter d | 34.00 mm |
| Thread G1           | G1/2"-F  |
| Thread length LG1   | 13.5 mm  |
| Thread G2           | G1/2"-F  |
| Thread length LG2   | 15.0 mm  |
| Hole size d3        | 178.0 mm |
| Spring stroke Z     | 7.0 mm   |
| Diameter Ds         | 250.0 mm |
| Diameter Dmax(S)    | 265.0 mm |

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

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### Technical data

|                                |                         |
|--------------------------------|-------------------------|
| Suction cup material           | Silicone SI             |
| Material hardness [Shore A]    | 60.0 Shore A            |
| Hose inner diameter (recom.) d | 12.0 mm                 |
| Workpiece radius min. (convex) | 2,200.0 mm              |
| Suction force (-600mbar)       | 2,650.00 N              |
| Weight                         | 1,360.00 g              |
| Volume                         | 370.000 cm <sup>3</sup> |
| Size                           | 250.00                  |
| Suction force d2               | 1,940.00 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



### Ordering Data Accessories 10.01.01.01098

| Typ               |        | Item number    |
|-------------------|--------|----------------|
| Suction cup cover | SU 280 | 10.01.01.12485 |



### Ordering Data Wear Parts 10.01.01.01098

| Typ                                |                  | Item number    |
|------------------------------------|------------------|----------------|
| Sealing ring for SPU suction plate | DR-SPU 250 SI-60 | 10.01.01.01095 |



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