

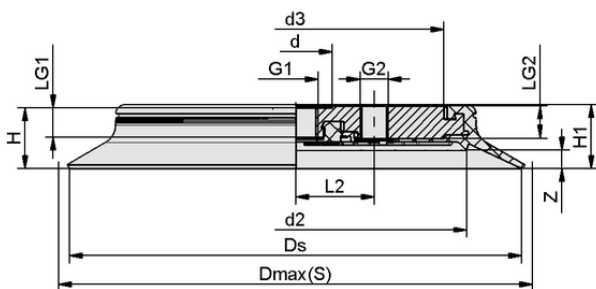


SPU 160 NBR-55 G1/2-IG

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



Design data SPU 160 NBR-55 G1/2-IG

### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 160.00             |
| Connection                  | G1/2"-F            |

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Length L2           | 36.50 mm |
| Height H1           | 26.00 mm |
| Height H            | 24.50 mm |
| d2                  | 113.0 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        | 88.0 mm  |
| Spring stroke Z     | 8.0 mm   |
| Diameter Ds         | 160.0 mm |
| Diameter Dmax(S)    | 170.0 mm |

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

Art.-Nr.: 10.01.01.01116

**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) | 350.0 mm                |
| Suction force (-600mbar)       | 1,090.00 N              |
| Weight                         | 400.00 g                |
| Volume                         | 142.000 cm <sup>3</sup> |
| Size                           | 160.00                  |
| Suction force d2               | 600.00 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/10.01.01.01116](http://www.schmalz.com/10.01.01.01116)

**Ordering Data Accessories 10.01.01.01116**

| Typ                      | Item number    |
|--------------------------|----------------|
| Suction cup cover SU 160 | 10.01.01.12438 |

**Ordering Data Wear Parts 10.01.01.01116**

| Typ                                                  | Item number    |
|------------------------------------------------------|----------------|
| Sealing ring for SPU suction plate DR-SPU 160 NBR-55 | 10.01.01.01111 |

