

## Suction plate (round)

SPU 125 NBR-55 G1/4-IG TV

Part no...:10.01.01.01157

<https://www.schmalz.ru/10.01.01.01157>

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### Suction plate (round), universal, for smooth and slightly rough surfaces



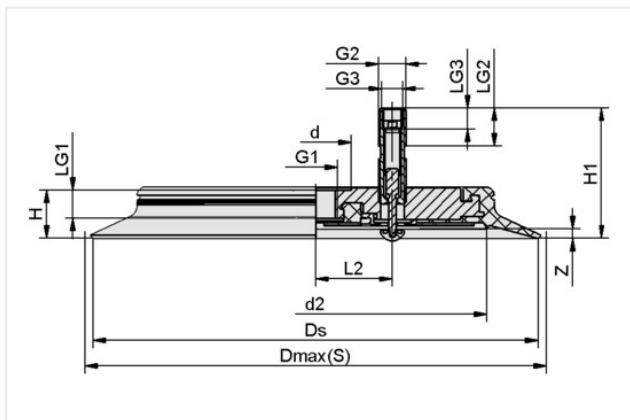
Size: 125

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Connection: G1/4"-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 22 mm    |
| d2         | 83 mm    |
| Dmax(S)    | 132 mm   |
| Ds         | 125 mm   |
| G1         | G1/4"-F  |
| G2         | G1/4"-M  |
| G3         | G1/8"-F  |
| H          | 24.50 mm |
| H1         | 25.50 mm |
| L2         | 22 mm    |
| LG1        | 13 mm    |
| LG2        | 36 mm    |
| LG3        | 6.50 mm  |
| Z (Stroke) | 7.50 mm  |

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

### Technical Data

| Attribute                | Value                 |
|--------------------------|-----------------------|
| Suction force (-600mbar) | 660 N                 |
| Suction force d2         | 365 N                 |
| Volume                   | 75.40 cm <sup>3</sup> |

### Contact Schmalz

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|                             |                    |
|-----------------------------|--------------------|
| Curve radius (min) (convex) | 220 mm             |
| Hose diameter (rec.) d      | 9 mm               |
| Size                        | 125                |
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55 Shore A         |
| Weight                      | 240 g              |
| Number of folds             | 0                  |
| Product family              | SPU                |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Accessories



#### SU 120

Part no...:10.01.01.12437

Size: 120

Clamping range: 115.0 ... 130.0 mm

Temperature resistance: 80 °C

### Spare parts



#### TV G1/4-AG 13

Part no...:10.05.10.00061

Thread G1: G1/4"-M

Thread G2: G1/8"-F

Spring stroke Z: 13 mm

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### DR-SPU 125 NBR-55

Part no...:10.01.01.01099

Size: 125

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A