

## Flat suction cup (round)

PFYN 60 PU-55 G1/4-IG

Part no.:10.01.01.00120

<https://www.schmalz.com/10.01.01.00120>

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### Flat suction cup (round) for smooth or slightly rough surfaces



Size: 60

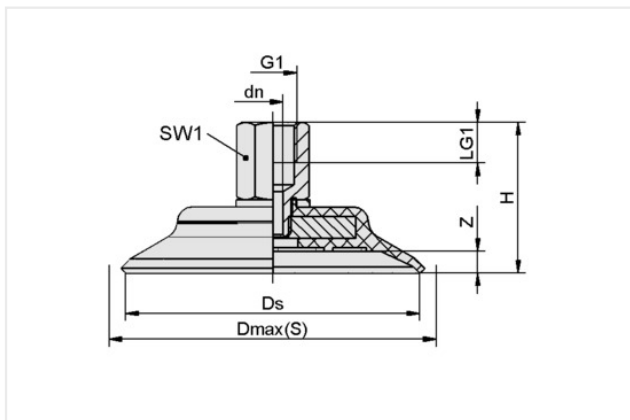
Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/4"-F

### Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 5.50 mm |
| Dmax(S)    | 64 mm   |
| Ds         | 60 mm   |
| G1         | G1/4"-F |
| H          | 39 mm   |
| LG1        | 11 mm   |
| SW1        | 17 mm   |
| Z (Stroke) | 4.70 mm |

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

### Technical Data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction force (-600mbar)    | 125 N              |
| Volume                      | 10 cm <sup>3</sup> |
| Curve radius (min) (convex) | 100 mm             |
| Hose diameter (rec.) d      | 6 mm               |
| Size                        | 60                 |
| Suction cup material        | Polyurethane PU    |
| Material hardness [Shore A] | 55 Shore A         |

### Contact Schmalz

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Weight 36.90 g

Product family PFYN

Number of folds 0

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 60

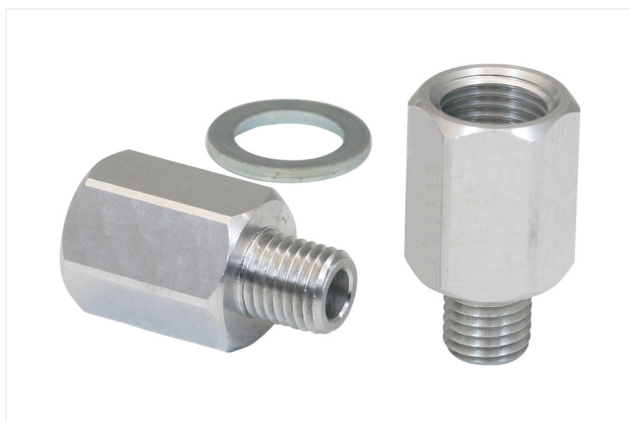
Part no.:10.01.01.13585

Size: 60

Clamping range: 60.0 ... 70.0 mm

Temperature resistance: 80 °C

### Spare parts



#### SA-NIP N009 G1/4-IG

Part no.:10.01.01.10096

Thread G1: G1/4"-F

Length L1: 33 mm

Material: Aluminum

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**PFG 60 PU-55 N009 M10x1.25-IG**

Part no...:10.01.01.00058

Size: 60

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A