

## Flat suction cup (round)

PFYN 6 HT1-60 M5-AG

Part no.:10.01.01.11131

<https://www.schmalz.com/10.01.01.11131>

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



Size: 6

Suction cup material: High temperature material HT1

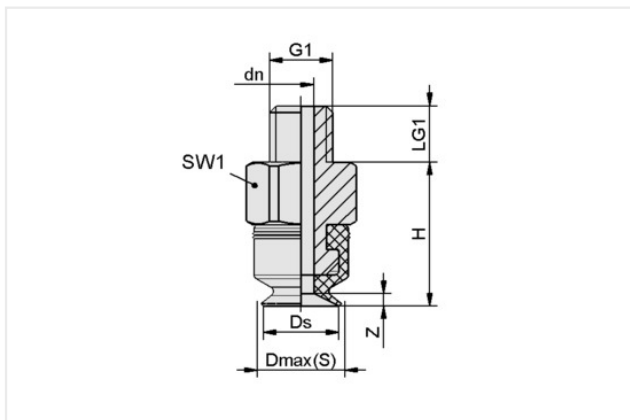
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: M5-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 2 mm     |
| Dmax(S)    | 6.50 mm  |
| Ds         | 6 mm     |
| G1         | M5-M     |
| H          | 11.50 mm |
| LG1        | 4.50 mm  |
| SW1        | 8 mm     |
| Z (Stroke) | 1 mm     |

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

### Technical Data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction force (-600mbar)    | 1.20 N                        |
| Volume                      | 0.01 cm <sup>3</sup>          |
| Curve radius (min) (convex) | 7.50 mm                       |
| Hose diameter (rec.) d      | 2 mm                          |
| Size                        | 6                             |
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60 Shore A                    |

### Contact Schmalz

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Weight 1.10 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

### Spare parts



#### SA-NIP N004 M5-AG DN200

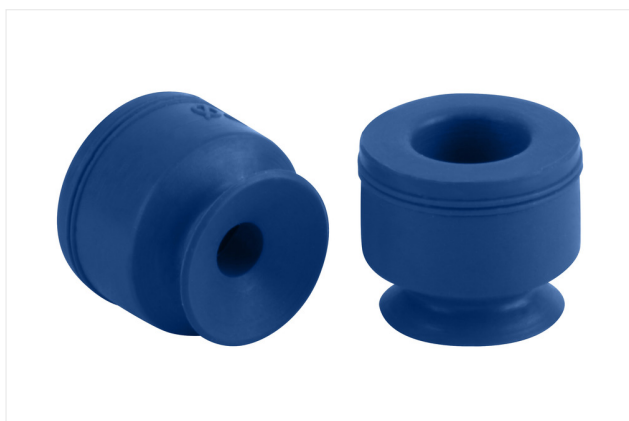
Part no.:10.01.01.03526

Thread G1: M5-M

Length L1: 13.5 mm

Fitting length: 5 mm

Material: Aluminum



#### PFG 6 HT1-60 N004

Part no.:10.01.01.11159

Size: 6

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking

### Contact Schmalz

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