

## Flat suction cup (round)

PFYN 5 FPM-65 M5-AG

Part no.:10.01.01.00179

<https://www.schmalz.com/10.01.01.00179>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 5 FPM-65 M5-AG

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



Size: 5

Suction cup material: Fluorocaotchuc FPM

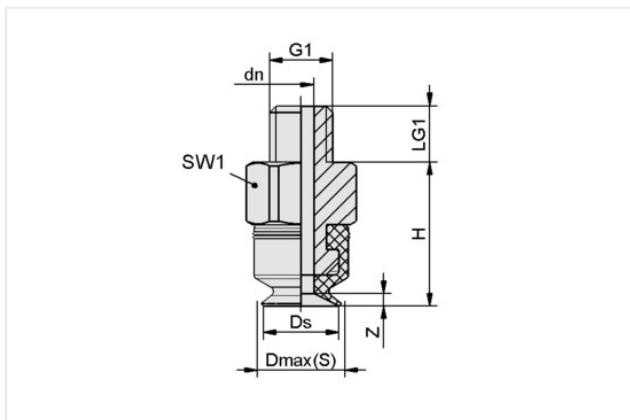
Material hardness [Shore A]: 65 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: M5-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 1.50 mm  |
| Dmax(S)    | 5.50 mm  |
| Ds         | 5 mm     |
| G1         | M5-M     |
| H          | 11.50 mm |
| LG1        | 4.50 mm  |
| SW1        | 8 mm     |
| Z (Stroke) | 0.90 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.75 N               |
| Volume                      | 0.01 cm <sup>3</sup> |
| Curve radius (min) (convex) | 7.50 mm              |
| Hose diameter (rec.) d      | 2 mm                 |
| Size                        | 5                    |
| Suction cup material        | Fluorocaotchuc FPM   |
| Material hardness [Shore A] | 65 Shore A           |

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Flat suction cup (round)

PFYN 5 FPM-65 M5-AG

Part no.:10.01.01.00179

<https://www.schmalz.com/10.01.01.00179>

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 5 FPM-65 N004

Part no.:10.01.01.00067

Size: 5

Suction cup material: Fluorocautchuc FPM

Material hardness [Shore A]: 65 Shore A

Material property: non-marking

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)