

## Flat suction cup (round)

PFYN 40 FPM-65 G1/8-AG

Part no.:10.01.01.00188

<https://www.schmalz.ru/10.01.01.00188>

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



Size: 40

Suction cup material: Fluorocaotchuc FPM

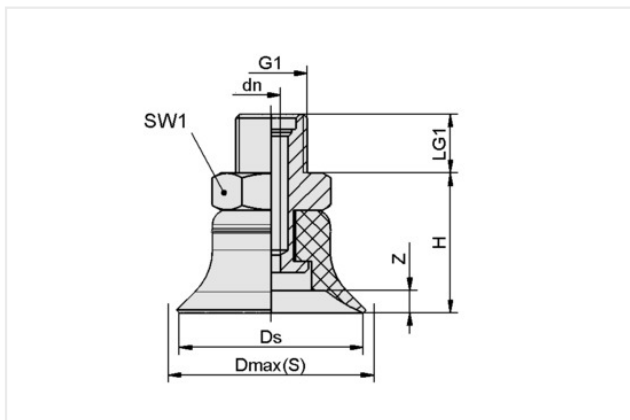
Material hardness [Shore A]: 65 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 2.40 mm |
| Dmax(S)    | 43 mm   |
| Ds         | 40 mm   |
| G1         | G1/8"-M |
| H          | 19 mm   |
| LG1        | 8 mm    |
| SW1        | 14 mm   |
| Z (Stroke) | 3.50 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 57.70 N              |
| Volume                      | 3.80 cm <sup>3</sup> |
| Curve radius (min) (convex) | 50 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 40                   |
| Suction cup material        | Fluorocaotchuc FPM   |
| Material hardness [Shore A] | 65 Shore A           |

### Contact Schmalz

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Weight 14.70 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 40

Part no.:10.01.01.12856

Size: 40

Clamping range: 35.0 ... 45.0 mm

Temperature resistance: 80 °C

### Spare parts



#### SA-NIP N007 G1/8-AG DN240

Part no.:10.01.01.03531

Nipple family: N 007

Thread G1: G1/8"-M

Length L1: 21 mm

Length L: 5 mm

Fitting length: 5 mm

Nominal diameter dn: 2.4 mm

Material: Aluminum

Spanner size SW2: 4 mm

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### PFG 40 FPM-65 N007

Part no...:10.01.01.00076

Size: 40

Suction cup material: Fluorocaotchuc FPM

Material hardness [Shore A]: 65 Shore A

Material property: non-marking