

## Flat suction cup (round)

PFG 35 FPM-65 N007

Part no.:10.01.01.00075

<https://www.schmalz.com/10.01.01.00075>

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



Size: 35

Suction cup material: Fluorocaotchuc FPM

Material hardness [Shore A]: 65 Shore A

Material property: non-marking

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 6 mm     |
| d1         | 11 mm    |
| Dk         | 20.50 mm |
| Dmax(S)    | 38 mm    |
| Ds         | 35 mm    |
| H          | 14 mm    |
| H2         | 7 mm     |
| Z (Stroke) | 3 mm     |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 44 N                 |
| Volume                      | 2.81 cm <sup>3</sup> |
| Curve radius (min) (convex) | 50 mm                |
| Size                        | 35                   |
| Nipple family               | N 007                |
| Suction cup material        | Fluorocaotchuc FPM   |
| Material hardness [Shore A] | 65 Shore A           |
| Weight                      | 5.80 g               |

### Contact Schmalz

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Product family

PFG

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



#### 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



#### SA-NIP N007 G1/8-IG DN350

Part no.:10.01.01.03523

Nipple family: N 007

Thread G1: G1/8"-F

Length L1: 24.5 mm

Length L: 16 mm

Fitting length: 16 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

Spanner size SW2: 4 mm



#### SU 30

Part no.:10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C

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