

## Flat suction cup (round)

PFYN 30 NBR-55 G1/8-AG

Part no...:10.01.01.00144

<https://www.schmalz.com/10.01.01.00144>

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



Size: 30

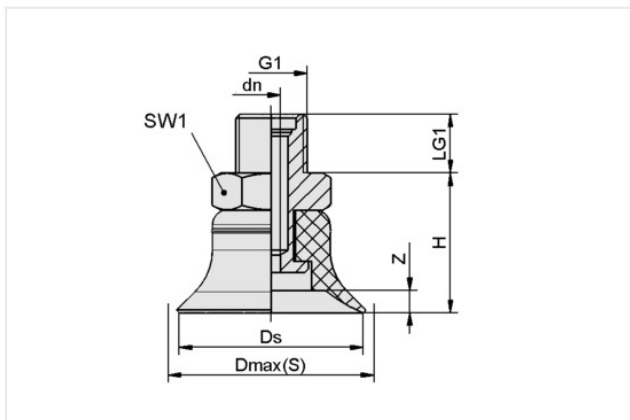
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 2.40 mm  |
| Dmax(S)    | 31.50 mm |
| Ds         | 28.80 mm |
| G1         | G1/8"-M  |
| H          | 17 mm    |
| LG1        | 8 mm     |
| SW1        | 14 mm    |
| Z (Stroke) | 2 mm     |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force               | 34 N                 |
| Volume                      | 1.30 cm <sup>3</sup> |
| Curve radius (min) (convex) | 40 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 30                   |
| Suction cup material        | Nitrile rubber NBR   |
| Material hardness [Shore A] | 55 Shore A           |

### Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | [schmalz@schmalz.co.in](mailto:schmalz@schmalz.co.in)

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Weight 7.90 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 30

Part no.:10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 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 30 NBR-55 N007**

Part no...:10.01.01.00014

Size: 30

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A