# Flat suction cup (round)

PFYN 200 SI-55 G1/2-IG

Part no..:10.01.01.00342

https://www.schmalz.com/10.01.01.00342

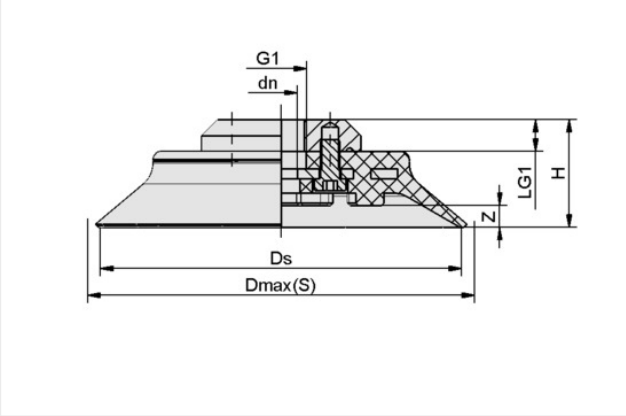
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## Flat suction cup (round) for smooth or slightly rough surfaces



- Size: 200
- Suction cup material: Silicone SI
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Vacuum connection: G1/2"-F

## Design Data




| Attribute | Value |
|---|---|
| dn | 13.50 mm |
| Dmax(S) | 222 mm |
| Ds | 193 mm |
| G1 | G1/2"-F |
| H | 50.50 mm |
| LG1 | 13 mm |
| Z (Stroke) | 13 mm |

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

## Technical Data

| Attribute | Value |
|---|---|
| Suction force (-600mbar) | 1498 N |
| Volume | 427 cm³ |
| Curve radius (min) (convex) | 400 mm |
| Hose diameter (rec.) d | 9 mm |
| Size | 200 |
| Suction cup material | Silicone SI |
| Material hardness [Shore A] | 55 Shore A |

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| | |
|---|---|
| Weight | 784.60 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 210**

Part no..:10.01.01.12439

- Size: 210
- Clamping range: 210.0 ... 220.0 mm
- Temperature resistance: 80 °C

## Spare parts



**SA-NIP N010 G1/2-IG**

Part no..:10.01.01.00796

- Thread G1: G1/2"-F
- Material: Aluminum

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**PFG 200 SI-55 N010**

Part no..:10.01.01.00336

| |
|---|
| Size: 200 |
| Suction cup material: Silicone SI |
| Material hardness [Shore A]: 55 Shore A |
| Material characteristics: FDA-compatible |