

## Bellows suction cup (round)

FGA 85 VU1-72 N015

Part no...:10.01.06.00179

<https://www.schmalz.com/10.01.06.00179>

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### Bellows suction cup (round) with optimal adaptation to uneven surfaces



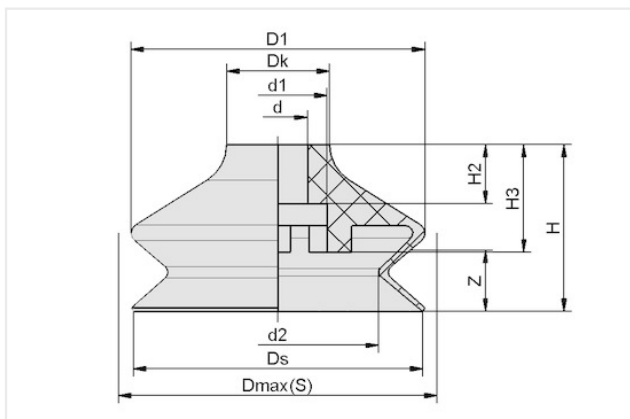
Size: 85

Suction cup material: Vulkollan VU1

Material hardness [Shore A]: 72 Shore A

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 12 mm    |
| d1         | 25 mm    |
| d2         | 55 mm    |
| D1         | 85 mm    |
| Dk         | 25 mm    |
| Dmax(S)    | 86.50 mm |
| Ds         | 82 mm    |
| H          | 47 mm    |
| H2         | 20 mm    |
| H3         | 25 mm    |
| Z (Stroke) | 15 mm    |

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

### Technical Data

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Number of folds             | 1.50                  |
| Suction force (-600mbar)    | 140 N                 |
| Pull-off force              | 250 N                 |
| Volume                      | 80.21 cm <sup>3</sup> |
| Curve radius (min) (convex) | 80 mm                 |
| Size                        | 85                    |

### Contact Schmalz

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|                      |               |
|----------------------|---------------|
| Suction cup material | Vulkollan VU1 |
| Weight               | 93.30 g       |
| Product family       | FGA           |

### Accessories



#### SA-NIP N015 G1/4-AG DN600

Part no.:10.01.06.00185

Thread G1: G1/4"-M

Fitting length: 5 mm

Material: Aluminum

External diameter D: 18 mm

Spanner size SW2: 6 mm



#### SA-NIP N015 G1/4-IG DN600

Part no.:10.01.06.00182

Thread G1: G1/4"-F

Fitting length: 15 mm

Material: Aluminum

External diameter D: 18 mm

Spanner size SW2: 6 mm

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