

## Bellows suction cup (round)

FG 42 NBR-55 N018

Part no.:10.01.06.00141

<https://www.schmalz.com/10.01.06.00141>

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### Bellows suction cup (round) for very uneven workpieces



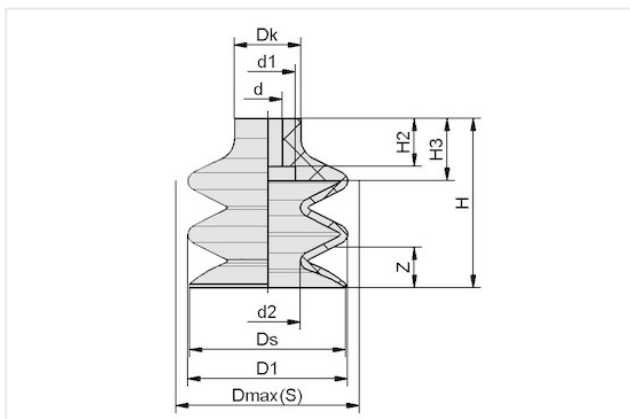
Size: 42

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Number of folds: 2.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 8 mm     |
| d1         | 15 mm    |
| d2         | 17.80 mm |
| D1         | 43.50 mm |
| Dk         | 18 mm    |
| Dmax(S)    | 45 mm    |
| Ds         | 42.60 mm |
| H          | 46 mm    |
| H2         | 13 mm    |
| H3         | 17 mm    |
| Z (Stroke) | 20 mm    |

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

### Technical Data

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction force (-600mbar)    | 14.93 N               |
| Pull-off force              | 44 N                  |
| Volume                      | 19.79 cm <sup>3</sup> |
| Curve radius (min) (convex) | 75 mm                 |
| Size                        | 42                    |
| Nipple family               | N 018                 |

### Contact Schmalz

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|                             |                    |
|-----------------------------|--------------------|
| Number of folds             | 2.50               |
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55 Shore A         |
| Weight                      | 18.40 g            |
| Product family              | FG                 |

### Accessories



#### SA-NIP N018 G1/4-AG DN440

Part no.:10.01.06.01065

Nipple family: N 018

Thread G1: G1/4"-M

Length L1: 28.8 mm

Fitting length: 4 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum



#### SA-NIP N018 G1/4-IG DN440

Part no.:10.01.06.01066

Nipple family: N 018

Thread G1: G1/4"-F

Length L1: 28.8 mm

Fitting length: 15 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum

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