

## Suction plate (oval)

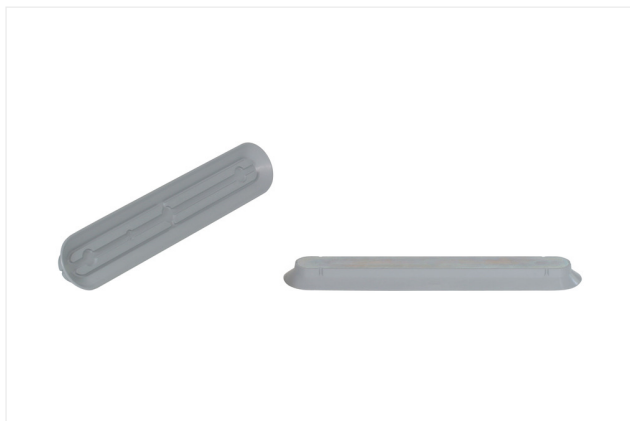
SPL0 300x55 NBR-55

Part no.: 10.01.05.00187

<https://www.schmalz.co.jp/10.01.05.00187>

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### Flat suction cup (oval) for narrow or curved workpieces



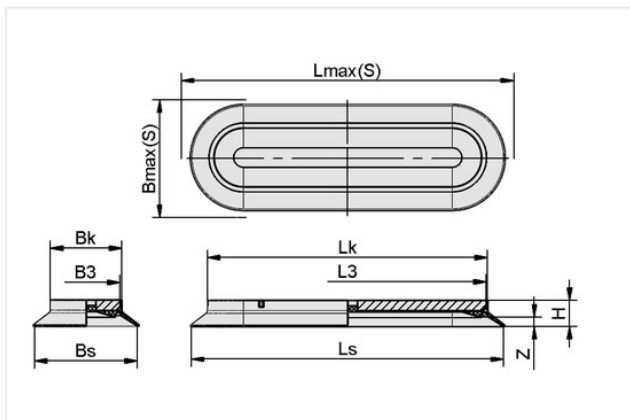
Dimensions (LxB): 300 x 55

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Height H: 19 mm

### Design Data



| Attribute  | Value     |
|------------|-----------|
| B3         | 28 mm     |
| Bk         | 31 mm     |
| Bmax (S)   | 60 mm     |
| Bs         | 51.40 mm  |
| H          | 19 mm     |
| L3         | 273 mm    |
| Lk         | 275.30 mm |
| Lmax (S)   | 305 mm    |
| Ls         | 296.40 mm |
| Z (Stroke) | 6.80 mm   |

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

### Technical Data

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction force (-600mbar)    | 710 N                 |
| Volume                      | 92.73 cm <sup>3</sup> |
| Curve radius (min) (convex) | 50 mm                 |
| Number of folds             | 0                     |
| Dimensions (LxB)            | 300 x 55              |
| Suction cup material        | Nitrile rubber NBR    |
| Weight                      | 530 g                 |

### Contact Schmalz

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Product family

SPL0

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

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