

## Flat suction cup (round)

SAF 80 NBR-45 RA

Part no.: 10.01.01.11464

<https://www.schmalz.co.jp/10.01.01.11464>

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### Flat suction cup (round) for very dynamic handling of smooth and oily workpieces



Size: 80

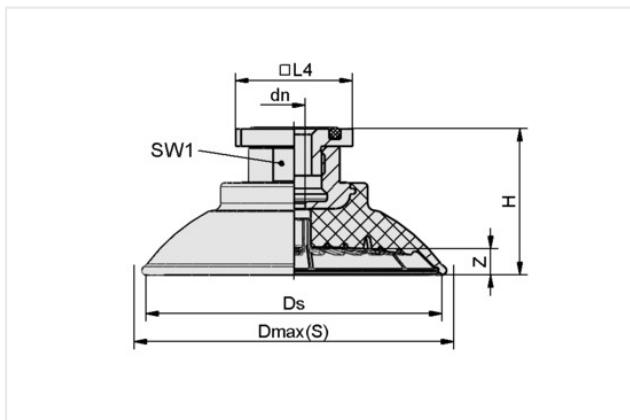
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: RA

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 6 mm     |
| Dmax (S)   | 89 mm    |
| Ds         | 83 mm    |
| H          | 34.50 mm |
| L4         | 31.80 mm |
| SW1        | 22 mm    |
| Z (Stroke) | 7.60 mm  |

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

### Technical Data

| Attribute                    | Value                 |
|------------------------------|-----------------------|
| Suction force (-600mbar)     | 272 N                 |
| Lateral force                | 205 N                 |
| Lateral force (oily surface) | 180 N                 |
| Volume                       | 36.70 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 100 mm                |
| Hose diameter (rec.) d       | 6 mm                  |
| Size                         | 80                    |

### Contact Schmalz

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Suction cup material Nitrile rubber NBR

Material hardness [Shore A] 45 Shore A

Weight 65.20 g

Number of folds 0

Product family SAF

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 Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Accessories



SU 80

Part no.: 10.01.01.12839

Size: 80

Clamping range: 80.0 ... 100.0 mm

Temperature resistance: 80 ° C