

Flat suction cup (round)

SAF 30 NBR-60 RA

Part no.:10.01.01.10790

<https://www.schmalz.com/10.01.01.10790>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Flat Suction Cups SAF > SAF 30 NBR-60 RA

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



Size: 30

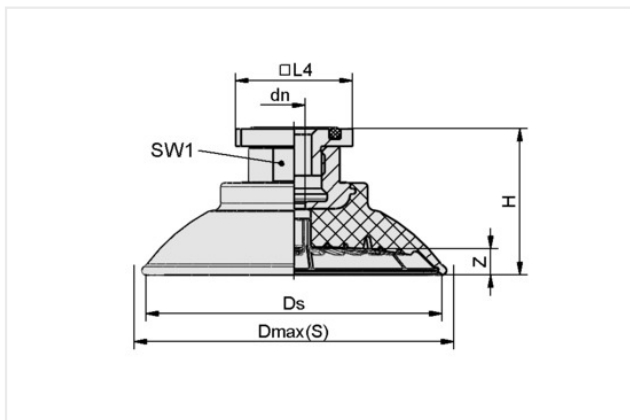
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: RA

Design Data



| Attribute | Value |
|------------|----------|
| dn | 4 mm |
| Dmax(S) | 34 mm |
| Ds | 31 mm |
| H | 23.20 mm |
| L4 | 31.80 mm |
| SW1 | 17 mm |
| Z (Stroke) | 3 mm |

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

Technical Data

| Attribute | Value |
|------------------------------|----------------------|
| Suction force (-600mbar) | 38 N |
| Lateral force | 30 N |
| Lateral force (oily surface) | 28 N |
| Volume | 2.72 cm ³ |
| Curve radius (min) (convex) | 40 mm |
| Hose diameter (rec.) d | 4 mm |
| Size | 30 |

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

Flat suction cup (round)

SAF 30 NBR-60 RA

Part no.:10.01.01.10790

<https://www.schmalz.com/10.01.01.10790>

| | |
|-----------------------------|--------------------|
| Suction cup material | Nitrile rubber NBR |
| Material hardness [Shore A] | 60 Shore A |
| Weight | 25.30 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 30

Part no.:10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C