

Flat suction cup (oval)

SAOF 80x40 NBR-60 M10-AG



Art.-Nr.: 10.01.05.00329

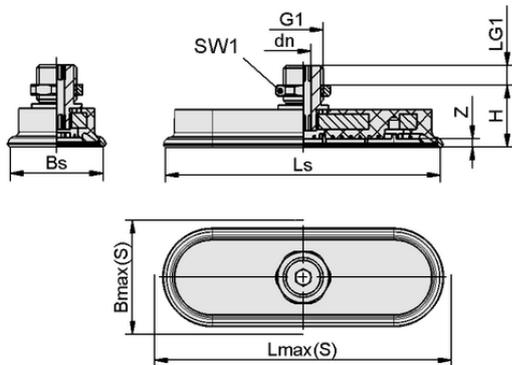


Technical data

| | |
|-----------------------------|--------------------|
| Suction cup material | Nitrile rubber NBR |
| Material hardness [Shore A] | 60.0 Shore A |
| Connection | M10-AG |
| Dimension (LxW) | 80x40 |
| Nipple material | Steel |

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Suction cup SAOF, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.



Design data

| | |
|----------------------|----------|
| Height H | 20.00 mm |
| Nominal diameter dn | 4.00 mm |
| Thread G1 | M10-M |
| Thread length LG1 | 10.0 mm |
| Key width SW1 | 17.0 mm |
| Spring stroke Z | 4.0 mm |
| Suction cup width Bs | 38.60 mm |
| Ls | 80.60 mm |
| Lmax.(S) | 85.00 mm |
| Bmax.(S) | 43.00 mm |

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

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**Technical data**

| | |
|--------------------------------|------------------------|
| Suction cup material | Nitrile rubber NBR |
| Material hardness [Shore A] | 60.0 Shore A |
| Hose inner diameter (recom.) d | 4.0 mm |
| Workpiece radius min. (convex) | 50.0 mm |
| Suction force (-600mbar) | 140.00 N |
| Weight | 47.00 g |
| Lateral force | 110.0 N |
| Lateral force oily surface | 100.0 N |
| Volume | 11.700 cm ³ |
| Number of folds | 0.0 |
| Product family | SAOF |
| Dimension (LxW) | 80x40 |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even 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

