

Flat suction cup (oval)

SAOF 140x70 NBR-45 M14x1.5-AG



Art.-Nr.: 10.01.05.00608

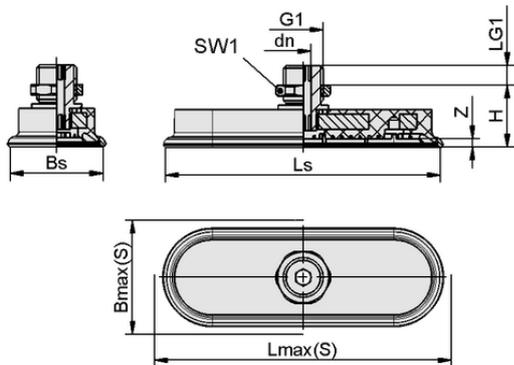


Technical data

| | |
|-----------------------------|--------------------|
| Suction cup material | Nitrile rubber NBR |
| Material hardness [Shore A] | 45.0 Shore A |
| Connection | M14x1.5-AG |
| Dimension (LxW) | 140x70 |
| Nipple material | Aluminum |

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



Design data

| | |
|----------------------|-----------|
| Height H | 27.00 mm |
| Nominal diameter dn | 6.00 mm |
| Thread G1 | M14x1.5-M |
| Thread length LG1 | 10.0 mm |
| Key width SW1 | 22.0 mm |
| Spring stroke Z | 7.0 mm |
| Suction cup width Bs | 67.60 mm |
| Ls | 140.60 mm |
| Lmax.(S) | 149.00 mm |
| Bmax(S) | 76.00 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] | 45.0 Shore A |
| Hose inner diameter (recom.) d | 6.0 mm |
| Workpiece radius min. (convex) | 90.0 mm |
| Suction force (-600mbar) | 425.00 N |
| Weight | 98.00 g |
| Lateral force | 344.0 N |
| Lateral force oily surface | 230.0 N |
| Volume | 57.300 cm ³ |
| Number of folds | 0.0 |
| Product family | SAOF |
| Dimension (LxW) | 140x70 |

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

