

## Bell suction cup (oval)

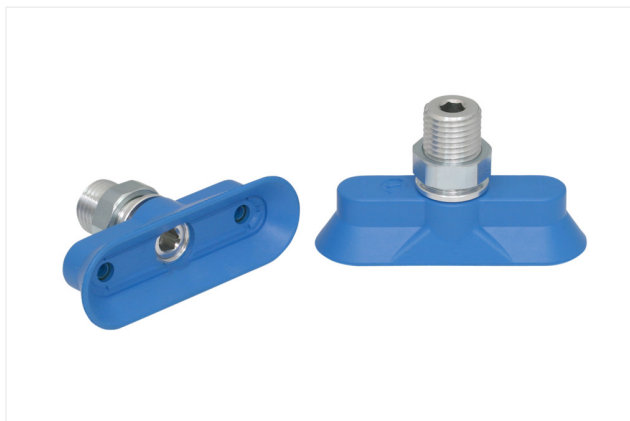
SAOG 60x20 NBR-45 G1/4-AG

Part no.:10.01.01.11755

<https://www.schmalz.com/10.01.01.11755>

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### Bell suction cup (oval) for very dynamic handling of smooth and oily workpieces



Dimensions (LxB): 60 x 20

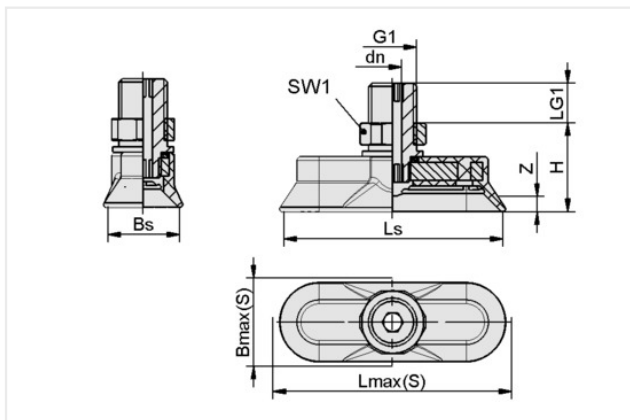
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

### Design Data



| Attribute  | Value    |
|------------|----------|
| Bmax(S)    | 26 mm    |
| Bs         | 20 mm    |
| dn         | 5 mm     |
| G1         | G1/4"-M  |
| H          | 24,50 mm |
| LG1        | 10,50 mm |
| Lmax(S)    | 66 mm    |
| Ls         | 60 mm    |
| SW1        | 17 mm    |
| Z (Stroke) | 4,50 mm  |

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

### Technical Data

| Attribute                    | Value                |
|------------------------------|----------------------|
| Suction force (-600mbar)     | 56 N                 |
| Lateral force                | 35 N                 |
| Lateral force (oily surface) | 10 N                 |
| Volume                       | 4,86 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 12,50 mm             |
| Hose diameter (rec.) d       | 4 mm                 |
| Dimensions (LxB)             | 60 x 20              |

### Contact Schmalz

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|                      |                    |
|----------------------|--------------------|
| Suction cup material | Nitrile rubber NBR |
| Weight               | 22,90 g            |
| Number of folds      | 0                  |
| Product family       | SAOG               |

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