

## Bellows suction cups (round)

SAXB 50 ED-85 M16-AG

Part no.:10.01.42.00099

<https://www.schmalz.com/10.01.42.00099>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bellows suction cups SAXB > SAXB 50 ED-85 M16-AG

### High-speed bellows suction cup for adaptation to strongly curved and oiled surfaces



Size: 50

Suction cup material: Elastodur ED

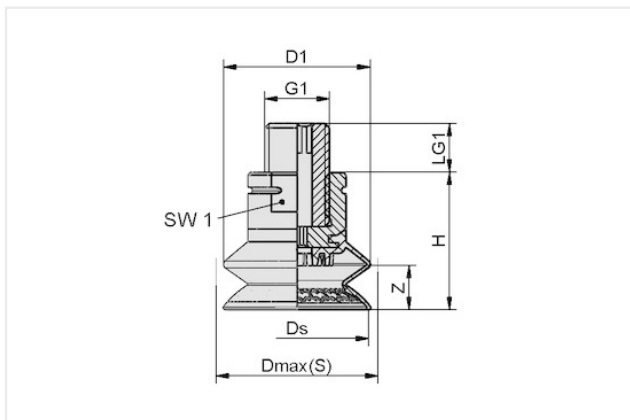
Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: M16-AG

Number of folds: 1.5

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 55 mm    |
| Ds         | 49.60 mm |
| D1         | 43.20 mm |
| G1         | M16-M    |
| H          | 36.90 mm |
| LG1        | 11 mm    |
| SW1        | 22 mm    |
| Z (Stroke) | 11.60 mm |

### Technical Data

| Attribute                    | Value                 |
|------------------------------|-----------------------|
| Suction force (-600mbar)     | 58 N                  |
| Lateral force                | 78 N                  |
| Lateral force (oily surface) | 67 N                  |
| Volume                       | 18.90 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 22 mm                 |
| Hose diameter (rec.) d       | 6 mm                  |
| Size                         | 50                    |
| Connection                   | M16-M                 |

### Contact Schmalz

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|                             |              |
|-----------------------------|--------------|
| Number of folds             | 1.50         |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85 Shore A   |
| Weight                      | 37.40 g      |
| Product family              | SAXB         |