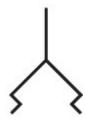
## Suction cup complete ESS-50-SU Part number: 189310







## **Data sheet**

| Feature                                     | Value   |
|---|---|
| Min. workpiece radius                       | 330 mm  |
| Nominal size                                | 3 mm  |
| Suction cup diameter                        | 50 mm   |
| Suction cup volume                          | 2.387 cm <sup>3</sup>   |
| Position of connection                      | Тор   |
| Mounting position                           | optional  |
| Correlation to suction-cup holder           | Size 4  |
| Suction cup shape                           | Round, flat   |
| Operating pressure                          | -95 kPa0 kPa<br>-0.95 bar0 bar<br>-13.775 psi0 psi  |
| Nominal operating pressure                  | -70 kPa<br>-0.7 bar<br>-10.15 psi   |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7:-:-]  |
| Corrosion resistance class CRC              | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                      | VDMA24364 zone III  |
| Suitable for use with food                  | See supplementary material information  |
| Ambient temperature                         | -20 °C60 °C   |
| Holding force at nominal operating pressure | 105.8 N   |
| Lateral force at nominal operating pressure | 130 N   |
| Product weight                              | 22 g  |
| Type of mounting                            | Via vacuum port   |
| Vacuum connection                           | M6  |
| Colour                                      | Blue  |
| Shore hardness                              | 60 +/- 5  |
| Material screwed plug                       | Nickel-plated wrought aluminium alloy<br>Nickel-plated brass<br>Steel, galvanised and chrome-plated |
| Note on materials                           | RoHS-compliant  |
| Material suction cup                        | PUR   |