

# Suction cup without connector ESV-100-EU

Part number: 191048

FESTO



## Data sheet

| Feature                                     | Value                                                       |
|---------------------------------------------|-------------------------------------------------------------|
| Min. workpiece radius                       | 200 mm                                                      |
| Suction cup diameter                        | 100 mm                                                      |
| Suction cup volume                          | 79.812 cm <sup>3</sup>                                      |
| Position of connection                      | Top                                                         |
| Mounting position                           | optional                                                    |
| Suction cup shape                           | Round extra deep                                            |
| Operating pressure                          | -95 kPa...0 kPa<br>-0.95 bar...0 bar<br>-13.775 psi...0 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:::]             |
| LABS (PWIS) conformity                      | VDMA24364 zone III                                          |
| Suitable for use with food                  | See supplementary material information                      |
| Ambient temperature                         | -20 °C...60 °C                                              |
| Holding force at nominal operating pressure | 440.8 N                                                     |
| Product weight                              | 65 g                                                        |
| Colour                                      | Blue                                                        |
| Shore hardness                              | 60 +/- 5                                                    |
| Note on materials                           | RoHS-compliant                                              |
| Material suction cup                        | PUR                                                         |