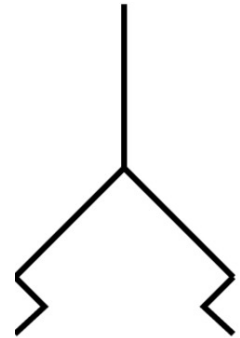
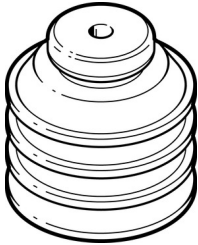


# Vacuum cup without connector ESV-50-CS

Part number: 191078

FESTO



## Data sheet

| Feature                                     | Value                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Suction cup height compensation             | 17.5 mm                                                                                   |
| Min. workpiece radius                       | 180 mm                                                                                    |
| Suction cup diameter                        | 50 mm                                                                                     |
| Suction cup volume                          | 38.92 cm <sup>3</sup>                                                                     |
| Type code                                   | ESV                                                                                       |
| Connection position                         | Top                                                                                       |
| Mounting position                           | Any                                                                                       |
| Symbol                                      | 00991485                                                                                  |
| Suction cup shape                           | Round bellows, 3.5 convolutions                                                           |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7:-:-]                                          |
| For use in the food industry                | See supplementary material information                                                    |
| Ambient temperature                         | -30 °C ... 180 °C                                                                         |
| Holding force at nominal operating pressure | 63.4 N                                                                                    |
| Product weight                              | 21.3 g                                                                                    |
| Color                                       | Transparent                                                                               |
| Shore hardness                              | 50 +/- 5                                                                                  |
| Note on materials                           | Free of copper and PTFE<br>Contains paint-wetting impairment substances<br>RoHS-compliant |
| Suction cup material                        | VMQ (silicone)                                                                            |