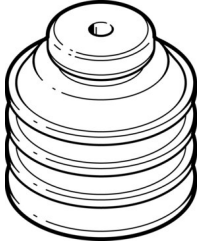


# Vacuum cup without connector ESV-50-CS

Part number: 191078

FESTO



[PDF](#) General operating condition

## 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>                           |
| Connection position                         | Top   |
| Mounting position                           | Any   |
| Symbol                                      | 00991485  |
| Suction cup shape                           | Round bellows, 3.5 convolutions                 |
| Operating pressure                          | -0.095 MPa ... 0 MPa                            |
| Operating pressure                          | -0.95 bar ... 0 bar                             |
| Operating pressure                          | -13.775 psi ... 0 psi                           |
| Nominal operating pressure                  | -0.07 MPa                                       |
| Nominal operating pressure                  | -0.7 bar  |
| Nominal operating pressure                  | -10.15 psi                                      |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7::-] |
| LABS (PWIS) conformity                      | VDMA24364 zone III                              |
| 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                           | RoHS-compliant                                  |
| Suction cup material                        | VMQ (silicone)                                  |