

# Suction cup without connector ESV-100-SN

Part number: 191007

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                     | Value  |
|---|--|
| Min. workpiece radius                       | 460 mm   |
| Suction cup diameter                        | 100 mm   |
| Suction cup volume                          | 29.779 cm <sup>3</sup>                           |
| Position of connection                      | On top   |
| Mounting position                           | Any  |
| Symbol                                      | 00991485   |
| Suction cup shape                           | Round, flat                                      |
| 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-A1-L                                   |
| Suitable for use with food                  | See supplementary material information           |
| Ambient temperature                         | -10 °C ... 70 °C                                 |
| Holding force at nominal operating pressure | 503.6 N  |
| Product weight                              | 59 g   |
| Colour                                      | Black  |
| Shore hardness                              | 60 +/-5  |
| Note on materials                           | RoHS compliant                                   |
| Material suction cup                        | NBR  |