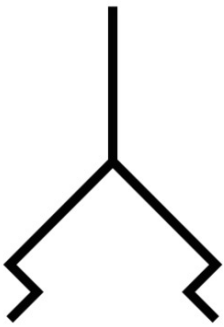
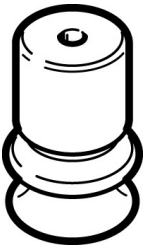


# Suction cup without connector ESV-20-BU

Part number: 191055

FESTO



## Data sheet

[General operating condition](#)

| Feature                                     | Value                                           |
|---------------------------------------------|-------------------------------------------------|
| Height compensator for suction cup          | 6 mm                                            |
| Min. workpiece radius                       | 40 mm                                           |
| Suction cup diameter                        | 20 mm                                           |
| Suction cup volume                          | 1.6 cm <sup>3</sup>                             |
| Position of connection                      | Top                                             |
| Mounting position                           | optional                                        |
| Symbol                                      | 00991485                                        |
| Suction cup shape                           | Round bellows 1.5 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                              |
| Suitable for use with food                  | See supplementary material information          |
| Ambient temperature                         | -20 °C ... 60 °C                                |
| Holding force at nominal operating pressure | 12.9 N                                          |
| Product weight                              | 1.9 g                                           |
| Colour                                      | Blue                                            |
| Shore hardness                              | 60 +/- 5                                        |
| Note on materials                           | RoHS-compliant                                  |
| Material suction cup                        | PUR                                             |