

# Vacuum cup without connector ESV-60-SU

Part number: 191000

FESTO



## Data sheet

| Feature                                     | Value                                                       |
|---------------------------------------------|-------------------------------------------------------------|
| Min. workpiece radius                       | 350 mm                                                      |
| Suction cup diameter                        | 60 mm                                                       |
| Suction cup volume                          | 3.953 cm <sup>3</sup>                                       |
| Connection position                         | Top                                                         |
| Mounting position                           | Any                                                         |
| Suction cup shape                           | Round, flat                                                 |
| 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                                          |
| For use in the food industry                | See supplementary material information                      |
| Ambient temperature                         | -20 °C...60 °C                                              |
| Holding force at nominal operating pressure | 166.1 N                                                     |
| Product weight                              | 22 g                                                        |
| Color                                       | Blue                                                        |
| Shore hardness                              | 60 +/- 5                                                    |
| Note on materials                           | RoHS-compliant                                              |
| Suction cup material                        | PUR                                                         |