

# Vacuum cup without connector ESV-40-SF

Part number: 190992

FESTO



## Data sheet

| Feature                                     | Value                                            |
|---------------------------------------------|--------------------------------------------------|
| Min. workpiece radius                       | 230 mm                                           |
| Suction cup diameter                        | 40 mm                                            |
| Suction cup volume                          | 1.566 cm <sup>3</sup>                            |
| Type code                                   | ESV                                              |
| Connection position                         | Top                                              |
| Mounting position                           | Any                                              |
| Symbol                                      | 00991485                                         |
| Suction cup shape                           | Round, flat                                      |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7:-:-] |
| For use in the food industry                | See supplementary material information           |
| Ambient temperature                         | -10 °C ... 200 °C                                |
| Holding force at nominal operating pressure | 69.6 N                                           |
| Product weight                              | 7.4 g                                            |
| Color                                       | Gray                                             |
| Shore hardness                              | 60 +/- 5                                         |
| Note on materials                           | Free of copper and PTFE<br>RoHS-compliant        |
| Suction cup material                        | FPM                                              |