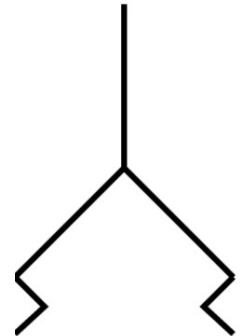
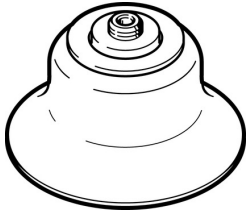


# Vacuum suction cup ESS-50-ES

Part number: 189352

FESTO



## Data sheet

| Feature                                     | Value  |
|---|--|
| Min. workpiece radius                       | 100 mm   |
| Nominal width                               | 3 mm   |
| Suction cup diameter                        | 50 mm  |
| Suction cup volume                          | 7.9 cm <sup>3</sup>  |
| Type code                                   | ESS  |
| Connection position                         | Top  |
| Mounting position                           | Any  |
| Symbol                                      | 00991485   |
| Classification of suction cup holder        | Size 4   |
| Suction cup shape                           | Round, extra-deep  |
| Operating pressure                          | 0 bar ... 0.95 bar   |
| Nominal operating pressure                  | -0.7 bar   |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7::-]  |
| Corrosion resistance class (CRC)            | 1 - Low corrosion stress   |
| For use in the food industry                | See supplementary material information   |
| Ambient temperature                         | -30 °C ... 180 °C  |
| Holding force at nominal operating pressure | 103.6 N  |
| Lateral force at nominal operating pressure | 42.5 N   |
| Product weight                              | 23.4 g   |
| Type of mounting                            | Via vacuum connection  |
| Vacuum connection                           | M6   |
| Color                                       | Transparent  |
| Shore hardness                              | 50 +/- 5   |
| Material of screwed trunnion                | Wrought aluminum alloy, nickel-plated<br>Brass, nickel-plated<br>Steel, galvanized and chrome-plated |
| Note on materials                           | Free of copper and PTFE<br>Contains paint-wetting impairment substances<br>RoHS-compliant            |
| Suction cup material                        | VMQ (silicone)   |