

# Vacuum suction cup ESS-30-ES

Part number: 189344

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                     | Value   |
|---|---|
| Min. workpiece radius                       | 50 mm   |
| Nominal width                               | 3 mm  |
| Suction cup diameter                        | 30 mm   |
| Suction cup volume                          | 2.12 cm <sup>3</sup>  |
| Connection position                         | Top   |
| Mounting position                           | Any   |
| Symbol                                      | 00991485  |
| Classification of suction cup holder        | Size 4  |
| Suction cup shape                           | Round, extra-deep   |
| 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::-]             |
| Corrosion resistance class (CRC)            | 1 - Low corrosion stress                                    |
| LABS (PWIS) conformity                      | VDMA24364 zone III  |
| For use in the food industry                | See supplementary material information                      |
| Ambient temperature                         | -30 °C ... 180 °C   |
| Holding force at nominal operating pressure | 37.2 N  |
| Lateral force at nominal operating pressure | 21.5 N  |
| Product weight                              | 9.2 g   |
| Type of mounting                            | Via vacuum connection                                       |
| Vacuum connection                           | M6  |
| Color                                       | Transparent   |
| Shore hardness                              | 50 +/- 5  |
| Material of screwed plug                    | Brass, nickel-plated<br>Steel, galvanized and chrome-plated |
| Note on materials                           | RoHS-compliant  |
| Suction cup material                        | VMQ (silicone)  |