

# Vacuum suction cup

## ESS-30-EF

Part number: 189345

FESTO



## 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   |
| Classification of suction cup holder        | Size 4  |
| Suction cup shape                           | Round, extra-deep   |
| 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:-:-]            |
| Corrosion resistance class (CRC)            | 1 - Low corrosion stress                                    |
| LABS (PWIS) conformity                      | VDMA24364-A1-L  |
| For use in the food industry                | See supplementary material information                      |
| Ambient temperature                         | -10 °C...200 °C   |
| Holding force at nominal operating pressure | 37.2 N  |
| Lateral force at nominal operating pressure | 18.5 N  |
| Product weight                              | 9.2 g   |
| Type of mounting                            | Via vacuum connection                                       |
| Vacuum connection                           | M6  |
| Color                                       | Gray  |
| Shore hardness                              | 60 +/- 5  |
| Material of screwed plug                    | Brass, nickel-plated<br>Steel, galvanized and chrome-plated |
| Note on materials                           | RoHS-compliant  |
| Suction cup material                        | FPM   |