

# Vacuum suction cup ESS-30-SU

Part number: 189300

FESTO



## Data sheet

| Feature                                     | Value                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Min. workpiece radius                       | 110 mm                                                                                    |
| Nominal width                               | 3 mm                                                                                      |
| Suction cup diameter                        | 30 mm                                                                                     |
| Suction cup volume                          | 0.867 cm <sup>3</sup>                                                                     |
| Connection position                         | Top                                                                                       |
| Mounting position                           | Any                                                                                       |
| Symbol                                      | 00991485                                                                                  |
| Classification of suction cup holder        | Size 4                                                                                    |
| Suction cup shape                           | Round, flat                                                                               |
| 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                         | -20 °C ... 60 °C                                                                          |
| Holding force at nominal operating pressure | 40.8 N                                                                                    |
| Lateral force at nominal operating pressure | 19 N                                                                                      |
| Product weight                              | 9 g                                                                                       |
| Type of mounting                            | Via vacuum connection                                                                     |
| Vacuum connection                           | M6                                                                                        |
| Color                                       | Blue                                                                                      |
| Shore hardness                              | 60 +/- 5                                                                                  |
| Material of screwed trunnion                | 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                        | PUR                                                                                       |