

# Vacuum suction cup ESS-4X20-ON

Part number: 189409

**FESTO**



## Data sheet

| Feature                                                | Value                                                       |
|--------------------------------------------------------|-------------------------------------------------------------|
| Nominal width                                          | 2.5 mm                                                      |
| Vacuum cup size                                        | 4x20 mm                                                     |
| Suction cup volume                                     | 0.112 cm <sup>3</sup>                                       |
| Connection position                                    | up                                                          |
| Mounting position                                      | Any                                                         |
| Classification of suction cup holder                   | Size 4                                                      |
| Suction cup shape                                      | Oval, flat                                                  |
| 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...70 °C                                              |
| Holding force at nominal operating pressure            | 3.4 N                                                       |
| Horizontal lateral force at nominal operating pressure | 4.5 N                                                       |
| Vertical lateral force at nominal operating pressure   | 11 N                                                        |
| Product weight                                         | 2.5 g                                                       |
| Type of mounting                                       | Via vacuum connection                                       |
| Vacuum connection                                      | M6                                                          |
| Color                                                  | Black                                                       |
| Shore hardness                                         | 50 +/-5                                                     |
| Note on materials                                      | RoHS compliant                                              |
| Suction cup material                                   | NBR                                                         |