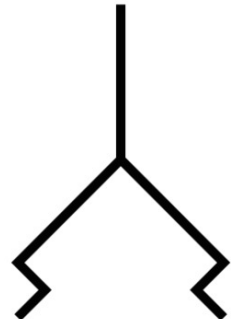


# Suction cup complete ESS-8X30-ON

Part number: 189413

FESTO



## Data sheet

 General operating condition

| Feature                                                | Value                                           |
|--------------------------------------------------------|-------------------------------------------------|
| Nominal size                                           | 2.5 mm                                          |
| Suction cup size                                       | 8x30 mm                                         |
| Suction cup volume                                     | 0.376 cm <sup>3</sup>                           |
| Position of connection                                 | Top                                             |
| Mounting position                                      | optional                                        |
| Symbol                                                 | 00991485                                        |
| Correlation to suction-cup holder                      | Size 4                                          |
| Suction cup shape                                      | Oval, flat                                      |
| 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-A1-L                                  |
| Suitable for use with food                             | See supplementary material information          |
| Ambient temperature                                    | -10 °C ... 70 °C                                |
| Holding force at nominal operating pressure            | 10.9 N                                          |
| Horizontal lateral force at nominal operating pressure | 17 N                                            |
| Vertical lateral force at nominal operatin pressure    | 13.5 N                                          |
| Product weight                                         | 3 g                                             |
| Type of mounting                                       | Via vacuum port                                 |
| Vacuum connection                                      | M6                                              |
| Colour                                                 | Black                                           |
| Shore hardness                                         | 50 +/- 5                                        |
| Note on materials                                      | RoHS-compliant                                  |
| Material suction cup                                   | NBR                                             |