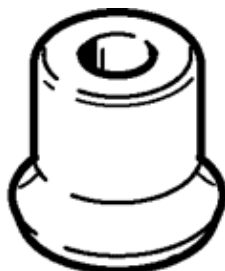


# suction cup ESS-8-SN

Part number: 189279

FESTO

Wearing part, easily replaceable



## Data sheet

| Feature                                       | Value   |
|---|---|
| Min. workpiece radius                         | 20 mm   |
| Nominal size                                  | 2 mm  |
| suction cup diameter                          | 8 mm  |
| suction cup volume                            | 0.03 cm <sup>3</sup>                            |
| Ejector pulse suitability                     | ≤ 4 bar   |
| Position of connection                        | on top  |
| Assembly position                             | Any   |
| Correlation to suction-cup holder             | Size 2  |
| Suction cup shape                             | round flat                                      |
| Operating pressure MPa                        | -95 ... 0 kPa                                   |
| Operating pressure                            | -0.95 ... 0 bar<br>-13.775 ... 0 psi            |
| Nominal operating pressure                    | -70 kPa<br>-0.7 bar                             |
| Nominal operating pressure (psi)              | -10.15 psi                                      |
| Operating medium                              | Atmospheric air based on ISO 8573-1:2010 [7:::] |
| Corrosion resistance classification CRC       | 1 - Low corrosion stress                        |
| PWIS conformity                               | VDMA24364-A1-L                                  |
| Food-safe                                     | See Supplementary material information          |
| Ambient temperature                           | -10 ... 70 °C                                   |
| Retention force at nominal operating pressure | 2.3 N   |
| Lateral force at nominal operating pressure   | 9.5 N   |
| Product weight                                | 0.2 g   |
| Mounting type                                 | Via vacuum port                                 |
| Vacuum connection                             | Inside diameter 4 mm                            |
| Colour  | Black   |
| Shore hardness                                | 50 +/- 5  |
| Material of threaded plug                     | Nickel-plated brass                             |
| Materials note                                | Conforms to RoHS                                |
| Material suction cup                          | NBR   |