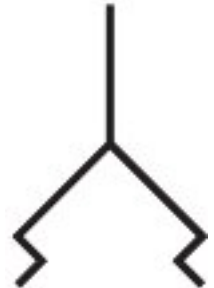


# Vacuum suction cup ESS-80-BT-G1/4-I

Part number: 525998

FESTO



## Data sheet

| Feature                                     | Value                                            |
|---------------------------------------------|--------------------------------------------------|
| Suction cup holder height compensator       | 10.5 mm                                          |
| Min. workpiece radius                       | 100 mm                                           |
| Nominal width                               | 2.5 mm                                           |
| Suction cup diameter                        | 80 mm                                            |
| Suction cup volume                          | 59.1 cm <sup>3</sup>                             |
| Mounting position                           | Any                                              |
| Suction cup shape                           | round protective bellows 1.5-fold                |
| Operating pressure                          | -0.95 bar...0 bar                                |
| Nominal operating pressure                  | -0.7 bar                                         |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7:::-] |
| Corrosion resistance class (CRC)            | 2 - Moderate corrosion stress                    |
| LABS (PWIS) conformity                      | VDMA24364-A1-L                                   |
| Ambient temperature                         | -10 °C...80 °C                                   |
| Holding force at nominal operating pressure | 237 N                                            |
| Lateral force at nominal operating pressure | 102 N                                            |
| Product weight                              | 87.5 g                                           |
| Type of mounting                            | Via vacuum connection                            |
| Vacuum connection                           | G1/4                                             |
| Color                                       | Reddish brown                                    |
| Shore hardness                              | 72 +/-5                                          |
| Material of screwed plug                    | Wrought aluminum alloy                           |
| Note on materials                           | RoHS compliant                                   |
| Suction cup material                        | VULKOLLAN                                        |