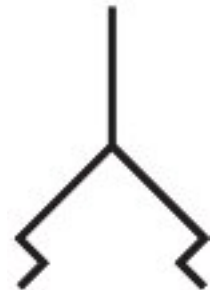


# Vacuum suction cup ESS-40-BT-M6

Part number: 525989

FESTO



## Data sheet

[PDF](#) General operating condition

| Feature                                     | Value                                           |
|---------------------------------------------|-------------------------------------------------|
| Suction cup holder height compensator       | 9 mm                                            |
| Min. workpiece radius                       | 35 mm                                           |
| Nominal width                               | 2.5 mm                                          |
| Suction cup diameter                        | 40 mm                                           |
| Suction cup volume                          | 9.8 cm <sup>3</sup>                             |
| Mounting position                           | Any                                             |
| Symbol                                      | 00991485                                        |
| Classification of suction cup holder        | Size 4                                          |
| Suction cup shape                           | Round bellows, 1.5 convolutions                 |
| 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 | 59 N                                            |
| Lateral force at nominal operating pressure | 22 N                                            |
| Product weight                              | 18 g                                            |
| Type of mounting                            | Via vacuum connection                           |
| Vacuum connection                           | M6                                              |
| Color                                       | Reddish brown                                   |
| Shore hardness                              | 72 +/- 5                                        |
| Material of screwed plug                    | Wrought aluminum alloy                          |
| Note on materials                           | RoHS-compliant                                  |
| Suction cup material                        | Vulkollan®                                      |