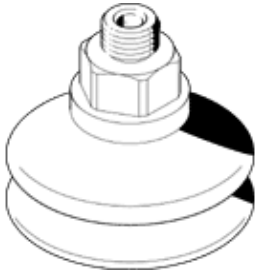


# suction cup ESS-40-BT-M10

Part number: 525990

FESTO

easily interchangeable,



## Data sheet

| Feature                                       | Value   |
|---|---|
| Height compensator for suction-cup holder     | 9 mm  |
| Min. workpiece radius                         | 35 mm   |
| Nominal size                                  | 2.5 mm  |
| suction cup diameter                          | 40 mm   |
| suction cup volume                            | 9.8 cm <sup>3</sup>                             |
| Assembly position                             | Any   |
| Correlation to suction-cup holder             | Size 5  |
| Suction cup shape                             | Round, bellows 1.5 conv                         |
| Operating pressure                            | -0.95 ... 0 bar                                 |
| Nominal operating pressure                    | -0.7 bar  |
| Operating medium                              | Atmospheric air based on ISO 8573-1:2010 [7::-] |
| Corrosion resistance classification CRC       | 2 - Moderate corrosion stress                   |
| PWIS conformity                               | VDMA24364-A1-L                                  |
| Ambient temperature                           | -10 ... 80 °C                                   |
| Retention force at nominal operating pressure | 59 N  |
| Lateral force at nominal operating pressure   | 22 N  |
| Product weight                                | 19 g  |
| Mounting type                                 | Via vacuum port                                 |
| Vacuum connection                             | M10   |
| Colour  | red/brown                                       |
| Shore hardness                                | 72 +/- 5  |
| Material of threaded plug                     | Wrought Aluminium alloy                         |
| Materials note                                | Conforms to RoHS                                |
| Material suction cup                          | Vulkollan®                                      |