

Vacuum suction cup ESS-80-BT-M10

Part number: 525997

FESTO



 [General operating condition](#)

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 ³ |
| Mounting position | Any |
| Symbol | 00991485 |
| Classification of suction cup holder | Size 5 |
| 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 | 237 N |
| Lateral force at nominal operating pressure | 102 N |
| Product weight | 84.5 g |
| Type of mounting | Via vacuum connection |
| Vacuum connection | M10 |
| Color | Reddish brown |
| Shore hardness | 72 +/- 5 |
| Material of screwed plug | Wrought aluminum alloy |
| Note on materials | RoHS-compliant |
| Suction cup material | Vulkollan® |