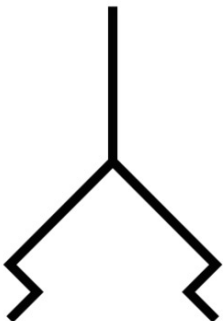



# Suction cup complete ESS-100-GT-G1/4-I

Part number: 525987

FESTO



## Data sheet

 General operating condition

| Feature                                     | Value  |
|---|--|
| Height compensator for suction-cup holder   | 9 mm   |
| Min. workpiece radius                       | 135 mm   |
| Nominal size                                | 5.5 mm   |
| Suction cup diameter                        | 100 mm   |
| Suction cup volume                          | 53.9 cm <sup>3</sup>                             |
| Mounting position                           | optional   |
| Design                                      | Round, bell-shaped                               |
| Symbol                                      | 00991485   |
| Suction cup shape                           | Round deep                                       |
| 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                                 |
| Breakaway force at 70% vacuum               | 297 N  |
| Holding force at nominal operating pressure | 375 N  |
| Max. tightening torque for mounting thread  | 11 Nm  |
| Lateral force at nominal operating pressure | 183 N  |
| Product weight                              | 89.5 g   |
| Type of mounting                            | Via vacuum port                                  |
| Vacuum connection                           | G1/4   |
| Colour                                      | Red-brown  |
| Shore hardness                              | 72 +/- 5   |
| Material screwed plug                       | Wrought aluminium alloy                          |
| Note on materials                           | RoHS-compliant                                   |
| Material suction cup                        | Vulkollan  |