

# Suction cup complete ESS-80-GT-G1/4-I

Part number: 525984

FESTO



## Data sheet

| Feature                                     | Value  |
|---|--|
| Height compensator for suction-cup holder   | 7.5 mm   |
| Min. workpiece radius                       | 100 mm   |
| Nominal size                                | 5.5 mm   |
| Suction cup diameter                        | 80 mm  |
| Suction cup volume                          | 28.6 cm <sup>3</sup>                             |
| Mounting position                           | optional   |
| Design                                      | Round, bell-shaped                               |
| 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               | 245 N  |
| Holding force at nominal operating pressure | 245 N  |
| Max. tightening torque for mounting thread  | 11 Nm  |
| Lateral force at nominal operating pressure | 99 N   |
| Product weight                              | 61 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  |