

# Vacuum suction cup OGVM-80-G-N-G14F

Part number: 8073833

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                     | Value  |
|---|--|
| Suction cup height compensation             | 12.8 mm  |
| Min. workpiece radius                       | 45 mm  |
| Nominal width                               | 7 mm   |
| Suction cup diameter                        | 80 mm  |
| Suction cup volume                          | 48 cm <sup>3</sup>                               |
| Connection position                         | Top  |
| Mounting position                           | Any  |
| Symbol                                      | 00991485   |
| Suction cup shape                           | Round bell-shaped                                |
| Operating pressure                          | -0.095 MPa ... 0 MPa                             |
| Operating pressure                          | -0.95 bar ... 0 bar                              |
| Operating pressure                          | -13.775 psi ... 0 psi                            |
| Nominal operating pressure                  | -0.06 MPa  |
| Nominal operating pressure                  | -0.6 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                         | -20 °C ... 80 °C                                 |
| Holding force at nominal operating pressure | 220 N  |
| Lateral force at nominal operating pressure | 241 N  |
| Product weight                              | 51 g   |
| Type of mounting                            | Via vacuum connection                            |
| Vacuum connection                           | Female thread G1/4                               |
| Color                                       | Black  |
| Shore hardness                              | 60 +/- 5   |
| Material of screwed plug                    | Wrought aluminum alloy                           |
| Note on materials                           | RoHS-compliant                                   |
| Suction cup material                        | NBR  |