

# Suction cup complete OGVM-80-G-N-G14F

Part number: 8073833

FESTO



## Data sheet

| Feature                                     | Value                                                       |
|---------------------------------------------|-------------------------------------------------------------|
| Height compensator for suction cup          | 12.8 mm                                                     |
| Min. workpiece radius                       | 45 mm                                                       |
| Nominal size                                | 7 mm                                                        |
| Suction cup diameter                        | 80 mm                                                       |
| Suction cup volume                          | 48 cm <sup>3</sup>                                          |
| Position of connection                      | Top                                                         |
| Mounting position                           | optional                                                    |
| Suction cup shape                           | Round bell-shaped                                           |
| Operating pressure                          | -95 kPa...0 kPa<br>-0.95 bar...0 bar<br>-13.775 psi...0 psi |
| Nominal operating pressure                  | -60 kPa<br>-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 port                                             |
| Vacuum connection                           | Female thread G1/4                                          |
| Colour                                      | Black                                                       |
| Shore hardness                              | 60 +/- 5                                                    |
| Material screwed plug                       | Wrought aluminium alloy                                     |
| Note on materials                           | RoHS-compliant                                              |
| Material suction cup                        | NBR                                                         |