

# Suction cup complete OGVM-70X145-AV-N-G14F

Part number: 8073868

FESTO



## Data sheet

| Feature                                             | Value                                                       |
|-----------------------------------------------------|-------------------------------------------------------------|
| Height compensator for suction cup                  | 16.5 mm                                                     |
| Min. workpiece radius                               | 70 mm                                                       |
| Nominal size                                        | 8 mm                                                        |
| Suction cup size                                    | 70x145 mm                                                   |
| Suction cup volume                                  | 111 cm <sup>3</sup>                                         |
| Position of connection                              | Top                                                         |
| Mounting position                                   | optional                                                    |
| Suction cup shape                                   | Oval, bellows, 1.5 convolutions                             |
| 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         | 446 N                                                       |
| Vertical lateral force at nominal operatin pressure | 317 N                                                       |
| Product weight                                      | 156 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                                                         |