

# suction cup

## OGVM-20-A-HN-G14F

Part number: 8073842  
 Product to be discontinued

FESTO

Type to be discontinued. Available until 2023. See Support Portal for alternative products.



### Data sheet

| Feature                                       | Value   |
|---|---|
| Suction cup height compensator                | 5.8 mm  |
| Min. workpiece radius                         | 12.5 mm   |
| Nominal size                                  | 4 mm  |
| suction cup diameter                          | 20 mm   |
| suction cup volume                            | 2 cm <sup>3</sup>                               |
| Position of connection                        | on top  |
| Assembly position                             | Any   |
| Suction cup shape                             | Round, bellows 1.5 conv                         |
| Operating pressure MPa                        | -95 ... 0 kPa                                   |
| Operating pressure                            | -0.95 ... 0 bar<br>-13.775 ... 0 psi            |
| Nominal operating pressure                    | -60 kPa<br>-0.6 bar                             |
| Operating medium                              | Atmospheric air based on ISO 8573-1:2010 [7::-] |
| Corrosion resistance classification CRC       | 2 - Moderate corrosion stress                   |
| PWIS conformity                               | VDMA24364-A1-L                                  |
| Ambient temperature                           | 10 ... 120 °C                                   |
| Retention force at nominal operating pressure | 18 N  |
| Lateral force at nominal operating pressure   | 18 N  |
| Product weight                                | 12 g  |
| Mounting type                                 | Via vacuum port                                 |
| Vacuum connection                             | Female thread 1/4                               |
| Colour  | Grey  |
| Shore hardness                                | 60 +/- 5  |
| Material of threaded plug                     | Wrought Aluminium alloy                         |
| Materials note                                | Conforms to RoHS                                |
| Material suction cup                          | HNBR  |