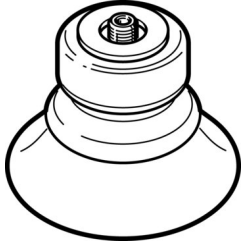


# Suction cup with connection ESS-40-BN

Part number: 189386

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                     | Value   |
|---|---|
| Height compensator for suction cup          | 9.5 mm  |
| Min. workpiece radius                       | 90 mm   |
| Nominal size                                | 3 mm  |
| Suction cup diameter                        | 40 mm   |
| Suction cup volume                          | 8.87 cm <sup>3</sup>  |
| Position of connection                      | Top   |
| Mounting position                           | optional  |
| Symbol                                      | 00991485  |
| Correlation to suction-cup holder           | Size 4  |
| Suction cup shape                           | Round bellows 1.5 convolutions  |
| Operating pressure                          | -0.095 MPa ... 0 MPa  |
| Operating pressure                          | -0.95 bar ... 0 bar   |
| Operating pressure                          | -13.775 psi ... 0 psi   |
| Nominal operating pressure                  | -0.07 MPa   |
| Nominal operating pressure                  | -0.7 bar  |
| Nominal operating pressure                  | -10.15 psi  |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7::-]   |
| Corrosion resistance class CRC              | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                      | VDMA24364-A1-L  |
| Suitable for use with food                  | See supplementary material information  |
| Ambient temperature                         | -10 °C ... 70 °C  |
| Holding force at nominal operating pressure | 52.3 N  |
| Lateral force at nominal operating pressure | 32.5 N  |
| Product weight                              | 18.7 g  |
| Type of mounting                            | Via vacuum port   |
| Vacuum connection                           | M6  |
| Colour                                      | Black   |
| Shore hardness                              | 50 +/- 5  |
| Material screwed plug                       | Nickel-plated wrought aluminium alloy<br>Nickel-plated brass<br>Steel, galvanised and chrome-plated |

| Feature              | Value          |
|----------------------|----------------|
| Note on materials    | RoHS-compliant |
| Material suction cup | NBR            |