

Vacuum suction cup ESS-30X90-ON

Part number: 189418

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Nominal width | 6 mm |
| Vacuum cup size | 30x90 mm |
| Suction cup volume | 10.17 cm ³ |
| Connection position | Top |
| Mounting position | Any |
| Symbol | 00991485 |
| Classification of suction cup holder | Size 5 |
| Suction cup shape | Oval, flat |
| 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 |
| For use in the food industry | See supplementary material information |
| Ambient temperature | -10 °C ... 70 °C |
| Holding force at nominal operating pressure | 134.4 N |
| Horizontal lateral force at nominal operating pressure | 201 N |
| Vertical lateral force at nominal operating pressure | 134.5 N |
| Product weight | 55.3 g |
| Type of mounting | Via vacuum connection |
| Vacuum connection | M10 |
| Color | Black |
| Shore hardness | 50 +/- 5 |
| Note on materials | RoHS-compliant |
| Suction cup material | NBR |