

Vacuum suction cup ESS-8-SS

Part number: 189281

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|---|
| Min. workpiece radius | 20 mm |
| Nominal width | 2 mm |
| Suction cup diameter | 8 mm |
| Suction cup volume | 0.03 cm ³ |
| Ejector pulse suitability | ≤4 bar |
| Connection position | up |
| Mounting position | Any |
| Symbol | 00991485 |
| Classification of suction cup holder | Size 2 |
| Suction cup shape | Round, 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 Zone III |
| For use in the food industry | See supplementary material information |
| Ambient temperature | -30 °C ... 180 °C |
| Holding force at nominal operating pressure | 2.3 N |
| Lateral force at nominal operating pressure | 3.5 N |
| Product weight | 0.2 g |
| Type of mounting | Via vacuum connection |
| Vacuum connection | Inside diameter 4 mm |
| Color | Transparent |
| Shore hardness | 50 +/-5 |
| Material of screwed plug | Brass, nickel-plated |
| Note on materials | RoHS compliant |
| Suction cup material | VMQ (silicone) |