

Suction cup complete ESS-50-SU

Part number: 189310

FESTO



Data sheet

| Feature | Value |
|---|---|
| Min. workpiece radius | 330 mm |
| Nominal size | 3 mm |
| Suction cup diameter | 50 mm |
| Suction cup volume | 2.387 cm ³ |
| Position of connection | Top |
| Mounting position | optional |
| Correlation to suction-cup holder | Size 4 |
| Suction cup shape | Round, flat |
| Operating pressure | -95 kPa...0 kPa -0.95 bar...0 bar -13.775 psi...0 psi |
| Nominal operating pressure | -70 kPa -0.7 bar -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 |
| Suitable for use with food | See supplementary material information |
| Ambient temperature | -20 °C...60 °C |
| Holding force at nominal operating pressure | 105.8 N |
| Lateral force at nominal operating pressure | 130 N |
| Product weight | 22 g |
| Type of mounting | Via vacuum port |
| Vacuum connection | M6 |
| Colour | Blue |
| Shore hardness | 60 +/- 5 |
| Material screwed plug | Nickel-plated wrought aluminium alloy Nickel-plated brass Steel, galvanised and chrome-plated |
| Note on materials | RoHS-compliant |
| Material suction cup | PUR |