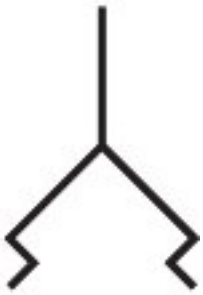
# Vacuum suction cup
# ESS-50-EF

Part number: 189353





## Data sheet

| Feature | Value |
|---|---|
| Min. workpiece radius | 100 mm |
| Nominal width | 3 mm |
| Suction cup diameter | 50 mm |
| Suction cup volume | 7.9 cm³ |
| Connection position | up |
| Mounting position | Any |
| Classification of suction cup holder | Size 4 |
| Suction cup shape | Round, extra-deep |
| Operating pressure | -95 kPa...0 kPa<br>-0.95 bar...0 bar<br>-13.775 psi...0 psi |
| Nominal operating pressure | -70 kPa<br>-0.7 bar<br>-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...200 °C |
| Holding force at nominal operating pressure | 103.6 N |
| Lateral force at nominal operating pressure | 60 N |
| Product weight | 23.4 g |
| Type of mounting | Via vacuum connection |
| Vacuum connection | M6 |
| Color | Gray |
| Shore hardness | 60 +/-5 |
| Material of screwed plug | Wrought aluminum alloy, nickel-plated<br>Brass, nickel-plated<br>Steel, galvanized and chrome-plated |

| Feature | Value |
|---|---|
| Note on materials | RoHS compliant |
| Suction cup material | FPM |