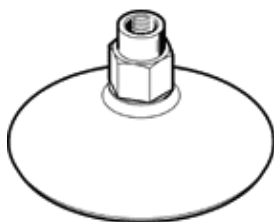


suction cup ESS-100-GT-G1/4-I

Part number: 525987

FESTO

easily interchangeable,



Data sheet

| Feature | Value |
|---|---|
| Height compensator for suction-cup holder | 9 mm |
| Min. workpiece radius | 135 mm |
| Nominal size | 5.5 mm |
| suction cup diameter | 100 mm |
| suction cup volume | 53.9 cm ³ |
| Assembly position | Any |
| Design structure | round, bell-shaped |
| Suction cup shape | Round deep |
| Operating pressure | -0.95 ... 0 bar |
| Nominal operating pressure | -0.7 bar |
| Operating medium | Atmospheric air based on ISO 8573-1:2010 [7::-] |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-A1-L |
| Ambient temperature | -10 ... 80 °C |
| Breakaway force at 70% vacuum | 297 N |
| Retention force at nominal operating pressure | 375 N |
| Max. tightening torque for mounting thread | 11 Nm |
| Lateral force at nominal operating pressure | 183 N |
| Product weight | 89.5 g |
| Mounting type | Via vacuum port |
| Vacuum connection | G1/4 |
| Colour | red/brown |
| Shore hardness | 72 +/- 5 |
| Material of threaded plug | Wrought Aluminium alloy |
| Materials note | Conforms to RoHS |
| Material suction cup | Vulkollan® |