


Suction cup complete ESS-100-GT-M10

Part number: 525986

FESTO



 [General operating condition](#)

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 |
| Mounting position | optional |
| Design | Round, bell-shaped |
| Symbol | 00991485 |
| Correlation to suction-cup holder | Size 5 |
| Suction cup shape | Round deep |
| Operating pressure | -0.95 bar ... 0 bar |
| Nominal operating pressure | -0.7 bar |
| Operating medium | Atmospheric air based on ISO 8573-1:2010 [7:::-] |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-A1-L |
| Ambient temperature | -10 °C ... 80 °C |
| Breakaway force at 70% vacuum | 297 N |
| Holding force at nominal operating pressure | 375 N |
| Max. tightening torque for mounting thread | 12 Nm |
| Lateral force at nominal operating pressure | 183 N |
| Product weight | 86.5 g |
| Type of mounting | Via vacuum port |
| Vacuum connection | M10 |
| Colour | Red-brown |
| Shore hardness | 72 +/- 5 |
| Material screwed plug | Wrought aluminium alloy |
| Note on materials | RoHS-compliant |
| Material suction cup | Vulkollan |