## suction cup <br> ESS-80-BU

FESTD
Part number: 189395
easily interchangeable,


Data sheet

| Feature | Value |
| :---: | :---: |
| Suction cup height compensator | 10 mm |
| Min. workpiece radius | 430 mm |
| Nominal size | 6 mm |
| suction cup diameter | 80 mm |
| suction cup volume | 63.9 cm 3 |
| Position of connection | on top |
| Assembly position | Any |
| Correlation to suction-cup holder | Size 5 |
| Suction cup shape | Round, bellows 1.5 conv |
| Operating pressure | 0 ... 0.95 bar |
| Nominal operating pressure | -0.7 bar |
| Operating medium | Atmospheric air based on ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Food-safe | See Supplementary material information |
| Ambient temperature | $-20 \ldots 60^{\circ} \mathrm{C}$ |
| Retention force at nominal operating pressure | 213.6 N |
| Lateral force at nominal operating pressure | 132.5 N |
| Product weight | 139 g |
| Mounting type | Via vacuum port |
| Vacuum connection | M10 |
| Colour | blue |
| Shore hardness | 60 +/- 5 |
| Material of threaded plug | POM <br> Steel, nickel-plated <br> Galvanised and chrome-plated steel |
| Materials note | Free of copper and PTFE Contains PWIS substances Conforms to RoHS |
| Material suction cup | PUR |

