

## Suction cup B110-2 Silicone

Article number: 3250097S



### Technical data

| Description             | Unit            | Value                                           |
|-------------------------|-----------------|-------------------------------------------------|
| Suction cup shape       | -               | Bellows                                         |
| Application             | -               | Dry sheet metal, Plastic injection molded parts |
| Suction cup design      | -               | Round                                           |
| Characteristics         | -               | Dry sheet metal, Plastic injection molded parts |
| Material                | -               | Silicone (SIL)                                  |
| Weight, min.            | g               | 120                                             |
| Suction cup model       | -               | B                                               |
| Volume                  | cm <sup>3</sup> | 310                                             |
| Height                  | mm              | 54.3                                            |
| Outer diameter, min.    | mm              | 115                                             |
| Fitting size            | -               | None                                            |
| Fitting option          | -               | None                                            |
| Fitting style           | -               | None                                            |
| Fitting type            | -               | None                                            |
| Suction cup model       | -               | B110                                            |
| Movement, vertical max. | mm              | 34.6                                            |
| Curve radius, min.      | mm              | 60                                              |

### Performance - Lifting forces

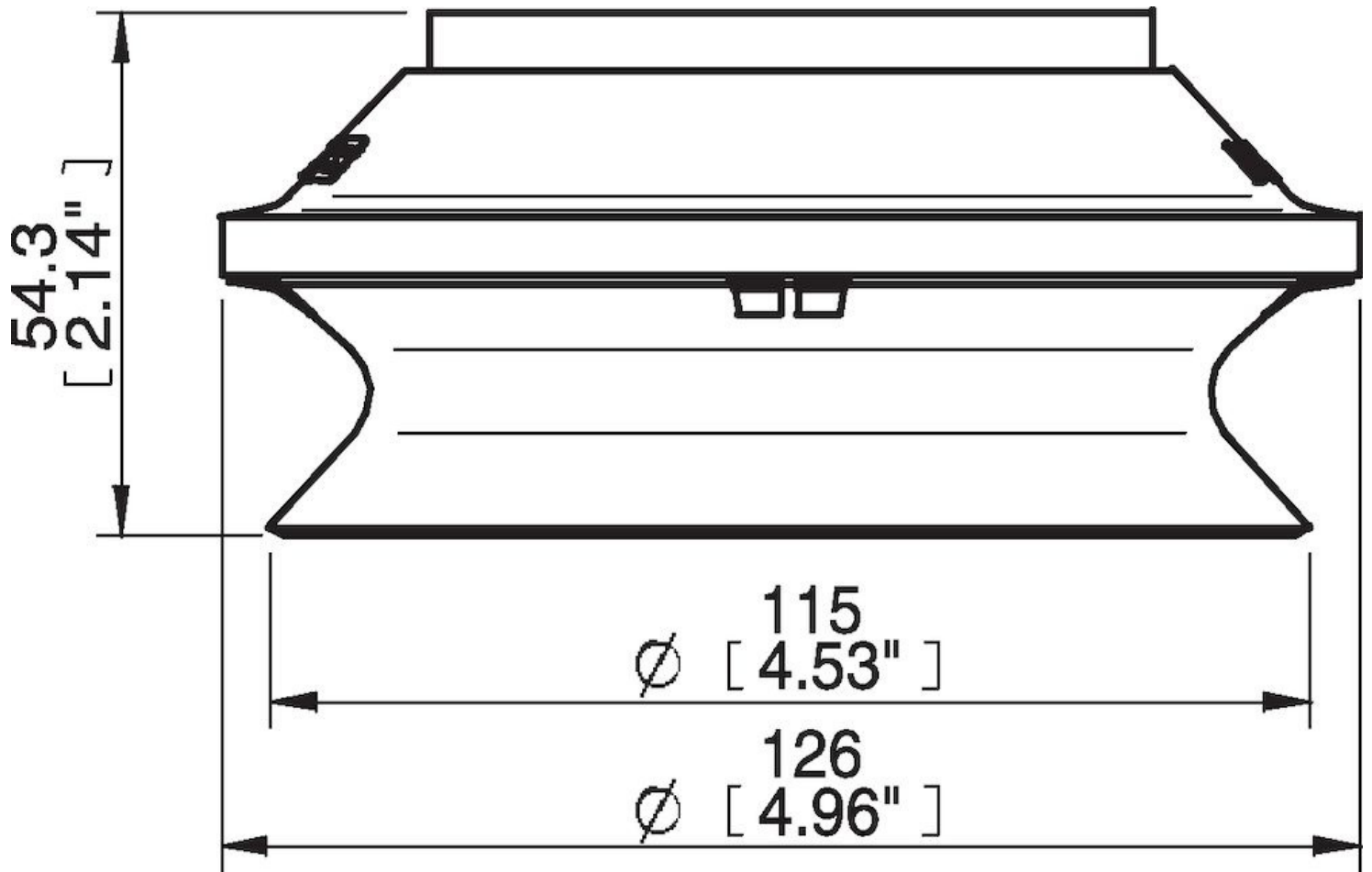
| B110    | Vertical (N) | Parallel (N) |
|---------|--------------|--------------|
| 20 -kPa | 137          |              |
| 60 -kPa | 343          |              |
| 90 -kPa | 461          |              |

| Material               |                           |
|------------------------|---------------------------|
| Name                   | Silicone, SIL 50° Shore A |
| Colour                 | Red                       |
| Temperature, min.   °C | -40                       |
| Temperature max.   °C  | 200                       |
| Hardness   °Shore A    | 50                        |

#### Material resistance

|                    |           |
|--------------------|-----------|
| Alcohol            | Good      |
| Concentrated acids | Poor      |
| Ethanol            | n/a       |
| Hydrolysis         | Fair      |
| Methanol           | n/a       |
| Oil                | Poor      |
| Oxidation          | Excellent |
| Petrol             | Poor      |
| Wear resistance    | Good      |
| Weather and ozone  | Excellent |

#### Dimensional drawings



#### Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

**Accessories**

0100557 | Fitting 110 G3/8" female, with mesh filter

0100559 | Fitting 110, 3/8" NPSF female, with mesh filter

0100561 | Fitting 110, G1/2" female, with mesh filter

3250007 | Fitting G1/2" female AI, with mesh filter