

# Suction cup F-OB 30x60 Silicone, G1/4" male SS, FCM

Item number: FOB30X60.SF40.G14MSS.00



Technical data

| Description             | Unit            | Value                                             |
|-------------------------|-----------------|---------------------------------------------------|
| Suction cup shape       | -               | Bellows                                           |
| Application             | -               | Food contact materials (FDA & EU), non-detectable |
| Suction cup design      | -               | Oval                                              |
| Characteristics         | -               | Food contact materials (FDA & EU), non-detectable |
| Material                | -               | Silicone (SIL)                                    |
| Load, torque, max.      | lb ft           | 9.59                                              |
| Weight, min.            | oz              | 2.37                                              |
| Suction cup model       | -               | F-OB                                              |
| Volume                  | in <sup>3</sup> | 1.068                                             |
| Height                  | in              | 1.96                                              |
| Length                  | in              | 2.44                                              |
| Fitting size            | -               | 1/4"                                              |
| Fitting option          | -               | None                                              |
| Fitting style           | -               | Male                                              |
| Fitting type            | -               | G-thread                                          |
| Width                   | in              | 1.26                                              |
| Fitting material        | -               | ASTM 316L                                         |
| Suction cup model       | -               | F-OB 30x60                                        |
| Movement, vertical max. | in              | 0.43                                              |
| Curve radius, min.      | in              | 0.43                                              |

Performance - Lifting forces

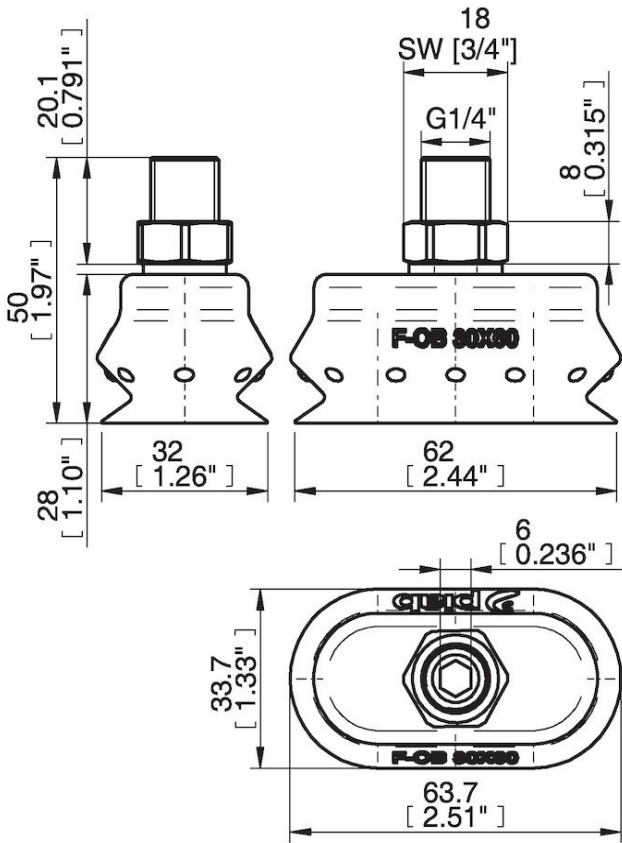
| F-OB 30x60  | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 2.95 -inHg  | 1.80          | 1.82          |
| 5.91 -inHg  | 3.87          | 3.012         |
| 11.81 -inHg | 6.99          | 6.18          |

| Material               |                                  |
|------------------------|----------------------------------|
| Name                   | Silikon (SIL non-detectable FCM) |
| Color                  | Transparent                      |
| Temperature, min.   °F | -40.0                            |
| Temperature max.   °F  | 392.0                            |
| Hardness   °Shore A    | 40                               |

Material resistance

|                    |           |
|--------------------|-----------|
| Alcohol            | Good      |
| Concentrated acids | Poor      |
| Ethanol            | n/a       |
| Hydrolysis         | Fair      |
| Methanol           | n/a       |
| Oil                | Poor      |
| Oxidation          | Excellent |
| Gasoline           | 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.