



# Stainless Steel Flat-1 Cylinders

Your configured part number: **SSFO-500.25-8**

## Features and Benefits

- **Hygienic Design:**
  - Eliminates holes and crevices that can propagate bacterial growth
  - Easy to clean
- **IP69K Rated All Stainless Steel Design:**
  - Sealed outer body design prevents ingress of washdown chemicals and application matter
  - Superior corrosion resistance
- **Designed specifically for the Food and Beverage Industry:**
  - Food grade composite rod bushing and food grade lubricant
  - Hard chrome plated piston rod reduces wear on the rod seal

## Engineering Specifications

**Pressure Rating:** 250 PSI

### **Temperature Range:**

Standard Nitrile Seals: -20° F (29° C) to 200° F (90° C)

Low Temperature Seals: -40° F (-40° C) to 200° F (90° C)

High Temperature Seals: 0° F (-18° C) to 400° F (204° C)

**Ingress Protection Rating:** IP69K

### **Materials:**

End Caps: Stainless Steel

Outer Body: Stainless Steel

Piston Rod: Hard Chrome Plated Stainless Steel

Lubrication: Food Grade Grease

Rod Bushing: Food Grade Composite

## Service and Design Capabilities

- Catalog models available in 5 days or less
- Custom design capabilities for your needs
- Common design modifications include:
  - Custom rod threads/lengths
  - Laser marked customer logo/part# on cylinder body
  - Non Rotating piston rod
  - Special spring forces
  - Special customer specified lubrication
  - Special Seal materials

Bimba Manufacturing Company

Monee, IL 60449-0068

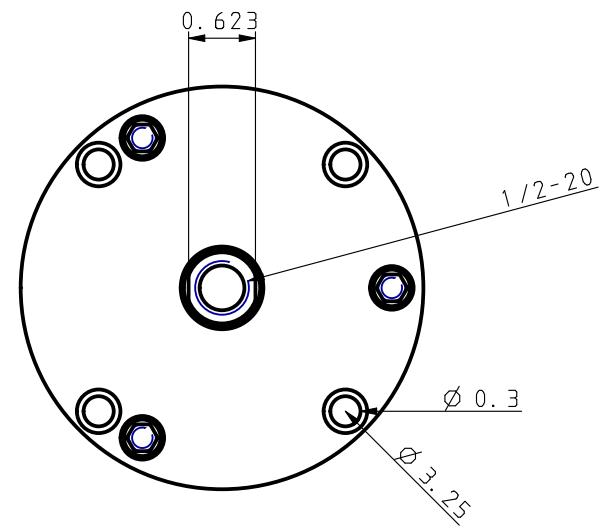
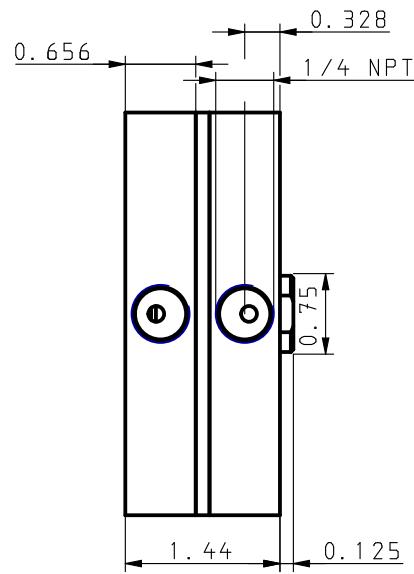
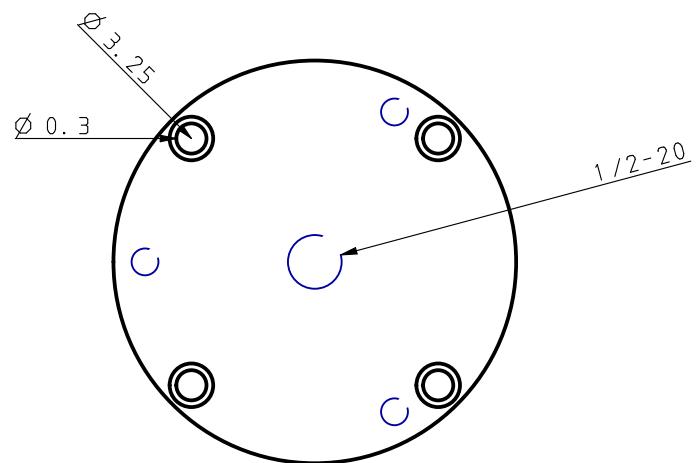
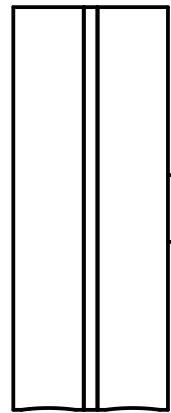
Telephone: 708.534.8544

Toll Free: 800-44-BIMBA

Email: [cs@bimba.com](mailto:cs@bimba.com)

[www.bimba.com](http://www.bimba.com)

**Leaders in Actuation.**



SSFO-500.25-8

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Monee, IL. 60449  
(800) 442-4622 [www.bimba.com](http://www.bimba.com)

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