



Your configured part number: BFLM-310.011-DW

Additional accessories: (NO ACCESSORIES)

Features and Benefits

- **Maintenance Free Performance:**
 - Lubed for life w/proprietary synthetic blend grease
 - Blue and Improved design doubles previous cylinder life
 - Life expectancy of 1 million lock actuations
- **Low Breakaway:**
 - Inflatable, wear compensating, U-cup rod and piston seals
 - Breakaway slots on each end cap for fast seal inflation
- **Rod Lock Mechanism:**
 - Normally closed (locked) design requires air pressure to release locking mechanism

Engineering Specifications

Pressure Rating: 50 PSI minimum (to actuate lock piston),

125 PSI maximum

Temperature Range:

Buna N seals: -20° F (29° C) to 200° F (90° C)

Fluoroelastomer seals for high temperatures (up to 400° F) available

Magnetic piston option: max. operating temp. is 185° F

Materials:

Rod: Hard chrome plated stainless steel

Body: 304 stainless steel

End Caps: Aluminum

Rod Lock Cap: Anodized aluminum

Rod & Pivot Bushings: Sintered bronze

Service and Design Capabilities

- Catalog models available in 4 days or less
- Custom design capabilities for your needs
- Common modifications include:
 - Custom rod threads/lengths
 - Customer logo/part# on cylinder body
 - Additional standard port sizes/locations
 - Special lubricants (FDA approved, etc.)
 - Anodized or nickel plated end caps
 - Clean room design with Krytox lubrication
 - Special spring forces

Bimba Manufacturing Company

Monee, IL 60449-0068

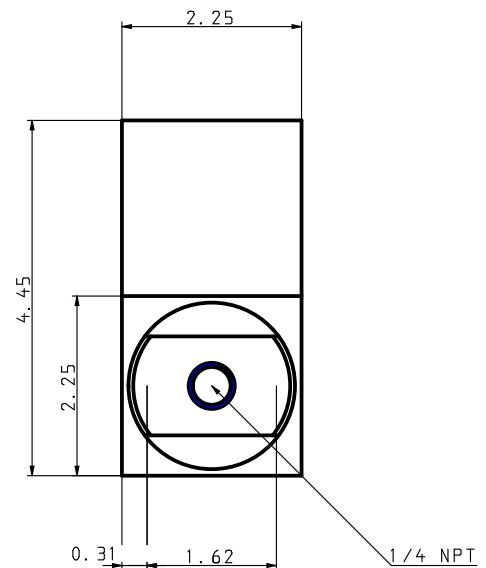
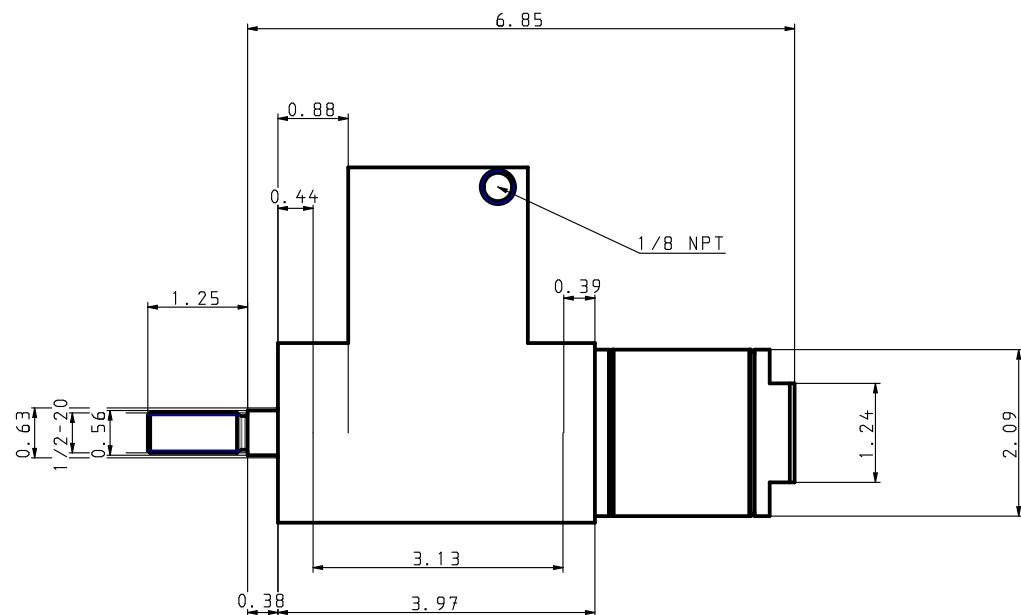
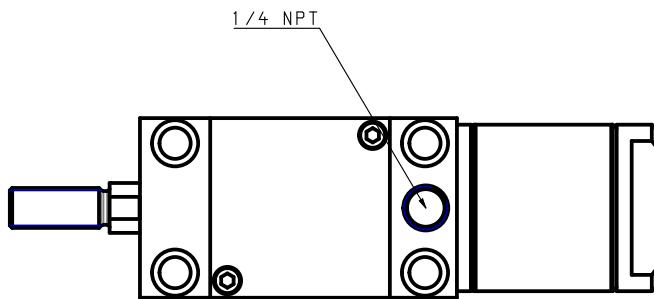
Telephone: 708.534.8544

Toll Free: 800-44-BIMBA

Email: cs@bimba.com

www.bimba.com

Leaders in Actuation.



BFLM-310.011-DW
(NO ACCESSORIES)

THIS DRAWING CONTAINS PROPRIETARY DESIGNS AND/OR INFORMATION OF BIMBA MFG. CO. OR ITS SUBSIDIARIES AND IS NOT TO BE TRANSMITTED, REPRODUCED, USED OR DISCLOSED WITHOUT WRITTEN PERMISSION OF BIMBA MFG. CO. OR ITS SUBSIDIARIES. DESIGN REFLECTS OUR BEST ENGINEERING OPINION BASED ON WRITTEN APPLICATION SPECIFICATIONS RECEIVED. SUITABILITY OF A DESIGN FOR AN APPLICATION REQUIRES ANALYSIS AND/OR TESTS IN YOUR SPECIFIC SYSTEM.

Bimba is part of
IMI Precision
Engineering



Bimba Manufacturing Co.
Monee, IL. 60449
(800) 442-4622 www.bimba.com

PROPRIETARY DRAWING - Reference Only