



Your configured part number: BFLM-090.011-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

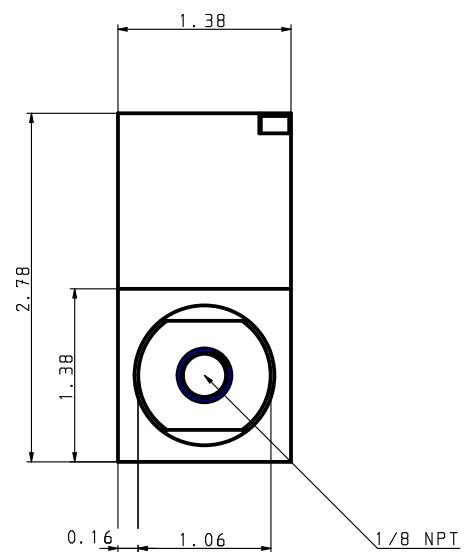
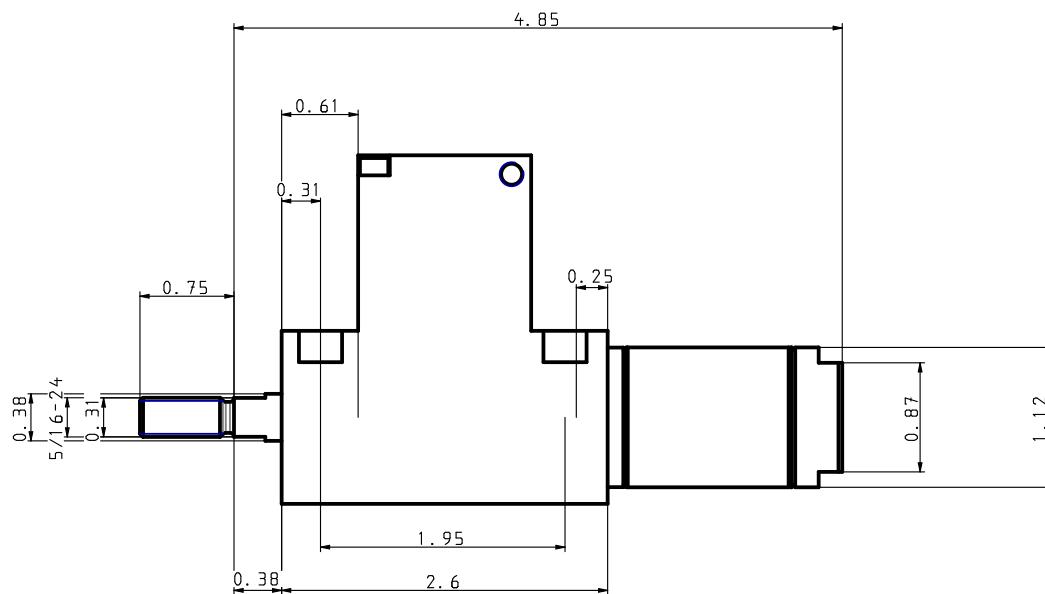
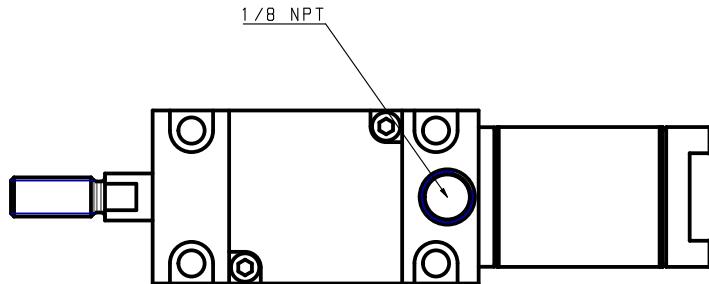
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Leaders in Actuation.



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