



Your configured part number: 310.011-DBZ

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
- **Special Features:**
  - Larger diameter, two-piece piston rod
  - Hex-stud rod end thread of heat treated alloy steel, easily removed in case of failure due to overload
  - Cushion quiet elastomer bumpers standard
- **Low Breakaway:**
  - Inflatable, wear compensating, U-cup rod and piston seals
  - Breakaway slots on each end cap for fast seal inflation

#### Engineering Specifications

**Pressure Rating:** 250 PSI

**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: 303 stainless steel

Body: 304 stainless steel

End Caps: 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

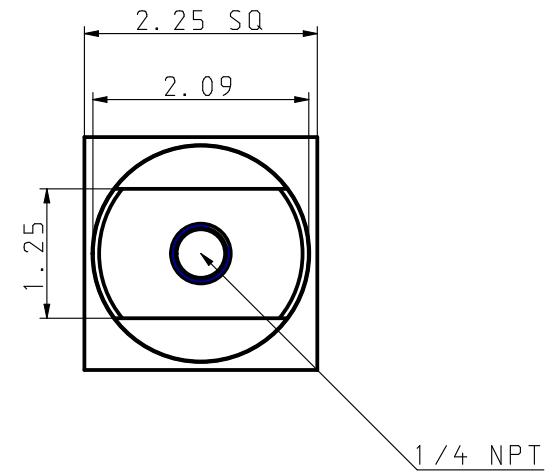
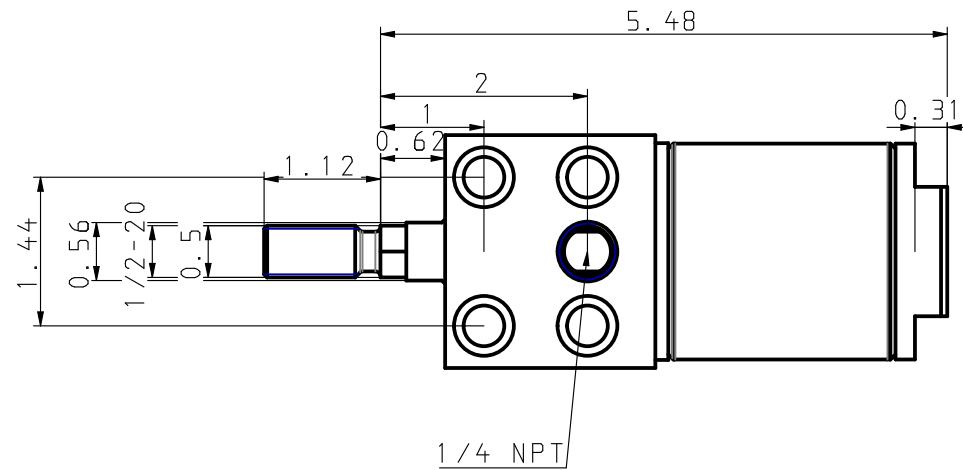
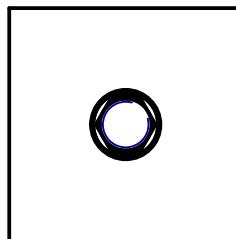
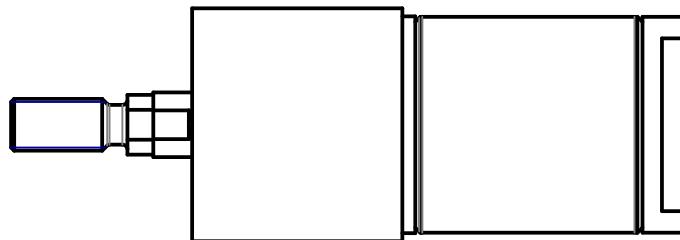
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**Leaders in Actuation.**



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