



Original Line[®] Cylinders

Your configured part number: M-045-D

Additional accessories: (D-166-3)

Features and Benefits

- **Maintenance Free Performance:**

- Lubed for life w/proprietary synthetic blend grease
- Blue and Improved design doubles previous cylinder life

- **Added Strength:**

- Piston to rod connection is threaded, sealed, and riveted securely in place
- Roll formed rod threads on both ends
- Aluminum alloy piston with blow-by flats

- **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: High strength carbon steel and stainless steel available

Body: 304 stainless steel

End Caps: 6061 aluminum (RoHS compliant)

Rod Bushings: Oil-impregnated bronze except (5/16", 7/16", 9/16" single acting)

Service and Design Capabilities

- **Catalog models available in 4 days or less**

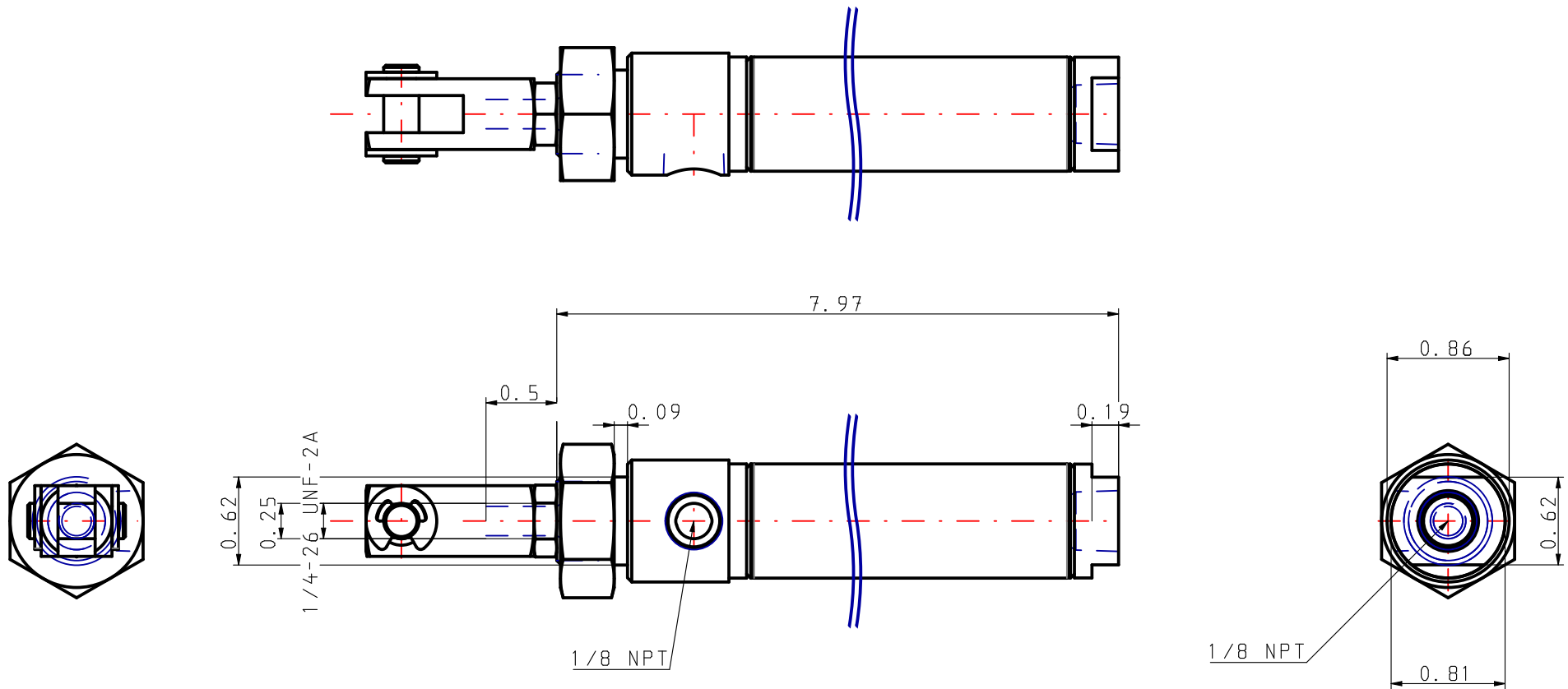
- **Custom design capabilities for your needs**

- **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.



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(D-166-3)

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Bimba Manufacturing Co.

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

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