



Your configured part number: MRS-310.011-D

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
- **Magnetic Reed Switch Positioning:**
 - Groove in piston to accommodate a magnet
 - Designed to operate solid state/reed switches
 - Optional switch tracks allow for band or track mounting switches
- **Added Strength:**
 - Piston to rod connection is threaded, sealed, and riveted securely in place
 - Roll formed rod threads on both ends
- **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 185° F (85° C)

Fluoroelastomer seals for chemical compatibility are available

Materials:

Rod: Ground and roller burnished 303 stainless steel

Body: 304 stainless steel

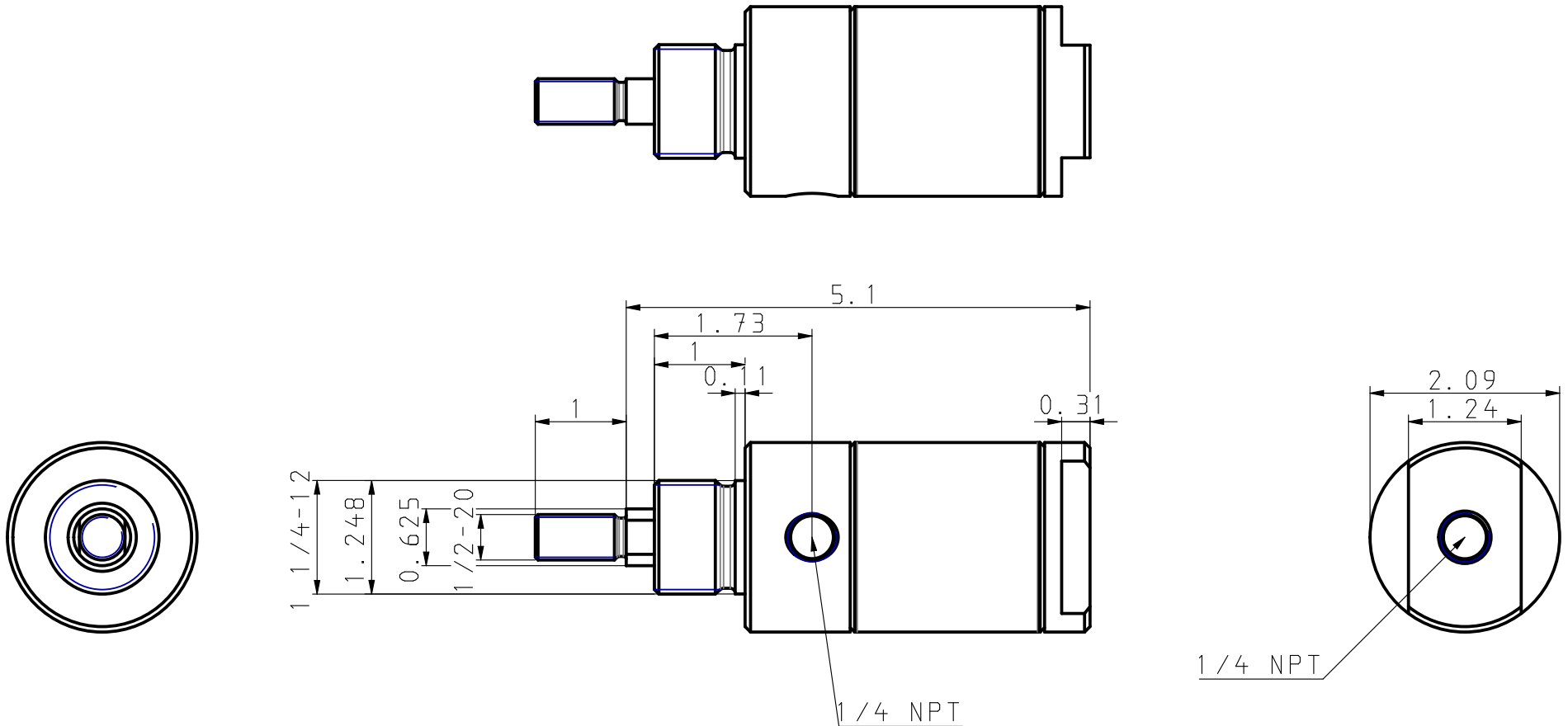
End Caps: 6061 aluminum (RoHS compliant)

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

Leaders in Actuation.

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