



Your configured part number: MRS-090.011-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

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