



Original Line® Rod Lock

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

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Leaders in Actuation.

