

TRD Manufacturing, Inc.

A **BIMBA** Company

Bulletin: RL-06

“RL” Series ROD LOCK CYLINDER



BORE SIZES

1 1/2" - 6" Standard Rod

2" - 6" OVERSIZED Rod

NFPA Mounts:

**MXO, MS1, MS2, MS4,
MF1, MF2, MP1, MP2,
MP4, MT1, MT2, BaseBar**

ROD LOCK SPECS

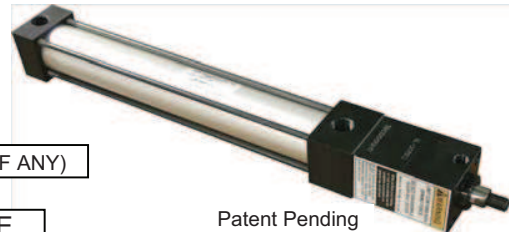
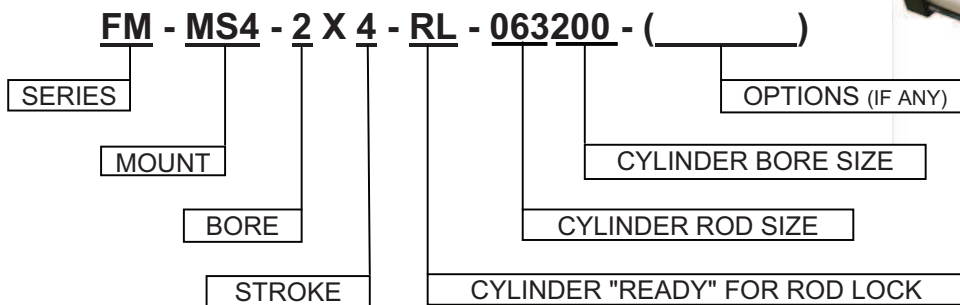
- **CONSTRUCTION-** Anodized Aluminum Housing and precision ground Tool Steel locking mechanism. (Optional: Stainless Steel Housing)
- **HEAVY-DUTY DESIGN-** Rated for Millions of trouble-free Rod Lock actuations
- **PRECISION DESIGN-** Provides extremely low backlash and ZERO rod movement on actuation
- **RESPONSE TIME:** 200 ms
- **FM SERIES CYLINDER–** Rod Lock is designed to “bolt- on” to the FM Series cylinder, allowing for easy maintenance
- **APPLICATIONS-** Can be used in Emergency Stop (E-STOP), intermediate stroke positioning, “drop” prevention and for precise holding applications
- **HOW IT WORKS-** Air supply to the Rod Lock will OPEN (unlock) unit. When the air supply is removed, spring force actuates a precision mechanism LOCKING the unit. A 3-way air valve is typically used to control the Rod Lock unit.
- **PROPER USE-** The RL Series Rod Lock is intended for static applications. The Rod Lock is rated for axial loads in either direction. Dynamic braking applications may cause damage to the cylinder piston rod and Rod Lock unit.

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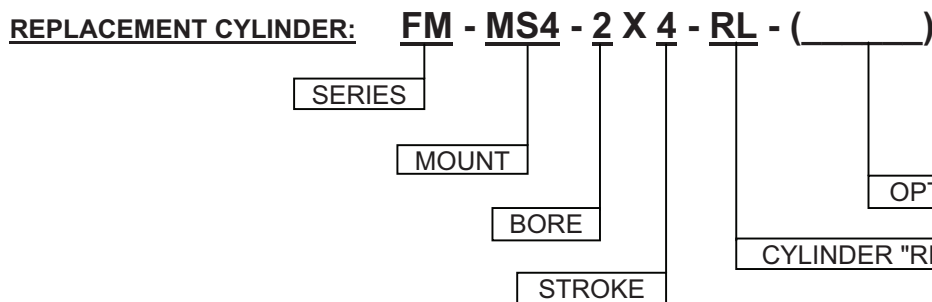
HOW TO ORDER ROD LOCK PRODUCTS

How to order: **CYLINDER WITH ROD LOCK**



Note: Refer to TRD catalog pages 19-30 for complete FM Series information and available options

How to order: **CYLINDER / ROD LOCK Replacement Parts**



NOTE: Cylinders will ship with standard rod end (KK1) and standard rod extension (RLC dimension) unless otherwise noted by customer. (Refer to Rod Extension page for more info.)

REPLACEMENT ROD LOCK (WITH MOUNTING KIT): RL - 063200

ROD LOCK MODEL NUMBER



ROD LOCK ONLY (NO MOUNTING KIT): RL - 063200-1

ROD LOCK MODEL NUMBER

"-1" INDICATES NO MOUNTING KIT



REPLACEMENT MOUNTING KIT: MK - 063200

MOUNTING KIT

ROD LOCK MODEL

