

# Tolomatic™ Hygienic Electric Actuators

EXCELLENCE IN MOTION

**REVOLUTIONIZE VOLUMETRIC FILLER PERFORMANCE**

**Clean**  
Stainless steel IP69K, Clean-in-place flexibility

**Continuous**  
24 x 7 reliability for high duty cycle

**Control**  
Improved efficiency, quality, and yield



## Improve your machine performance, efficiency and flexibility

### Upgrade to hygienic stainless-steel electric actuators

- ✓ **Improve product dispensing accuracy**  
Increase fill accuracy for liquid, viscous, or semi-solid filling with infinite positioning capability
- ✓ **Expedite changeovers**  
Accurate adjustment for various container sizes and fill product
- ✓ **Improve hygiene**  
Smooth, round actuator design with welded seams and special seals for IP69K wash-down protection
- ✓ **Simplify machine designs**  
Clean-in-place flexibility eliminates extra actuator enclosures
- ✓ **Enhance product quality and throughput**  
Consistent, adjustable product flow with independent control of multiple filling heads
- ✓ **Boost productivity**  
Easily combine with other electrical systems, like weigh checking, to increase production capability
- ✓ **Help respond to FSMA**  
Be prepared as legislation for the Food Safety Modernization Act gains traction



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## HYGIENIC DESIGN FOR IMPROVED FOOD SAFETY

### IP69K RATED

Withstands high-pressure wash-down for clean-in-place flexibility

### REPLACEABLE SEALS

Quick seal cartridge replacement without special tools

### NEXT GENERATION RP DESIGN

- Easy belt tensioning with no need to reposition motor
- Hygienic YMH (Your Motor Here) stainless steel compatible

### DUAL SEAL SYSTEM

Use the dual seal system that provides the longest life in your application



### POLISHED EXTERIOR

Polished surface finish reduces bacterial growth and meets hygienic design guidelines.

### GREASE PORT

- Screw re-lubrication system provides extended screw life
- Convenient lubrication without disassembly

### THREADED ROD END

- Compatible with many commercially available metric rod and accessories
- Standard metric threads

### FRONT FACE SEALING O-RING

Hygienic design from head to toe

### 360 SERIES STAINLESS STEEL CONSTRUCTION

Corrosion resistant—eliminates protective guards around standard actuators

PRODUCT	Force up to	Speed up to	Stroke Length up to	IP Rating	Stainless Steel Construction
RSH	7,808 lbf (35 kN)	20 in/s (498 mm/sec)	48 in (1,200 mm)	IP69K	316 SST
IMA-S	2,500 lbf (11 kN)	20 in/s (498 mm/sec)	18 in (457 mm)	IP69K	316 SST
ERD-SS2	315 lbf (1 kN)	40 in/s (1,016mm/sec)	24 in (810 mm)	IP69K	300 series

	RSH	IMA-S	ERD-SS2
Breather/ Purge port	✓	✓	-
Replaceable seals	✓	✓	✓
Dual front seal options	✓	✓	-
Integrated Tolomatic motor	-	✓	✓
Requires Tolomatic drive	-	-	✓
Requires 3rd party servo motor	✓	-	-
Requires 3rd party servo drive	✓	✓	-
Tolomatic Roller screw option	✓	✓	-
Internal anti-rotate option	✓	✓	*✓

\*Not available on ERD10