

# RSH – HYGIENIC ROD-STYLE ACTUATOR

**Tolomatic**... MAXIMUM DURABILITY  
EXCELLENCE IN MOTION

## ENDURANCE TECHNOLOGY<sup>SM</sup>

A Tolomatic Design Principle

Endurance Technology features are designed for maximum durability to provide extended service life.

The all 316 series stainless-steel RHS Hygienic Electric Rod Style Actuator incorporates hygienic design principles and has an IP69K rating (static). Available in 22, 25 & 30 sizes, the RSH is built-to-order in stroke lengths up to 1.219 m (48") with force up to 35 kN (7,868 lbf).

### ALL POLISHED 316 STAINLESS STEEL CONSTRUCTION

- 316 series stainless steel for corrosion resistance
- Simplifies and lowers cost of machine design by eliminating the need for protective guards around standard actuators

### FRONT FACE SEALING O-RING

Hygienic design from head to toe

### THREADED ROD END

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

### GREASE PORT

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

### REPLACEABLE SEALS

Quick seal cartridge replacement without special tools

### DUAL SEAL SYSTEM

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

Seal Option	Seal Materials	Usage
PPSL	Polyurethane/ Polyurethane Rod Seals (Standard)	Longest Lasting for Most Applications. High Tolerance of Abrasives Like Salt and Sugar
PUSL	Polyurethane/ UHMWPE Rod Seals (Severe Chemical)	Use When High Concentrations of Caustic Chemicals are Present Including Ammonium Chloride and Hydrogen Peroxide.

### SMOOTH EXTERIOR

Polished, contoured mating surface designed to provide IP69K seal for today's hygienic servo motors

### NEXT GENERATION RP DESIGN

- IP69k hygienic design
- Easy belt tensioning with no need to reposition motor
- Hygienic YMH (Your Motor Here) stainless steel compatible

### IP69K RATED

- To withstand high-pressure wash-down
- Clean-in-place compatible

### HYGIENIC STAINLESS STEEL FASTENERS

- Standard metric threads
- Hex fasteners for sturdy construction without potential particle collection areas
- Included for your motor: EHEDG compliant 316 stainless seal sealed bolts

### HYGIENIC BREATHER/PURGE PORT

Helps prevent contaminants from entering into actuator

### POLISHED EXTERIOR

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

### WELDED SEAMS

Leaving no gaps which eases cleanup and helps to prevent bacterial growth

