

PROCESS CONTROL SOLUTIONS



STANDARD & CUSTOM ACTUATORS

Tolomatic Electric Actuator Solutions




ENDURANCE TECHNOLOGYSM

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



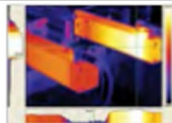

Tolomatic actuators have been designed for use on valves in the most challenging applications: From modulating valves in the Oil & Gas Industry to opening and closing valves in the Medical Industry. Whatever your valve actuator needs may be, Tolomatic will build-to-order a standard, modified or custom designed actuator specifically to meet your requirements.

TOLOMATIC'S ELECTRIC ROD-STYLE ACTUATORS

	<i>ERD</i>	<i>RSA / RSX</i>	<i>IMA</i>
			
	Rod-Style Actuator	Rod-Style Actuator	Integrated Motor Rod-Style Actuator
Thrust up to:	4,500 lbf [20,017 N]	12,900 lbf [57,382 N]	6,875 lbf [30,594 N]
Speed up to:	58 in/sec [1,473 mm/sec]	123 in/sec [3,124 mm/sec]	52.5 in/sec [1,334 mm/sec]
Stroke Length up to:	39.4 in [1,000 mm]	60 in [1,524 mm]	18 in [457 mm]
Screw/Nut Type	Solid, Ball & Roller	Solid, Ball & Roller	Ball & Roller

(Not all models deliver maximum values listed, i.e.: Maximum thrust may not be available with maximum speed)

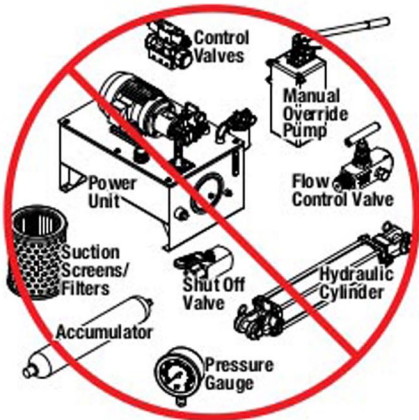
ADDITIONAL FEATURES, CUSTOMIZATION & TESTING

	Ingress protection rating IP65, 67 & 69K available
	Compact, lightweight designs
	Shock, vibration, temperature & humidity tested
	Custom coatings & stainless steel for use in coastal regions or other harsh environments
	ATEX and/or UL certified actuators available for harsh environments
	Optional manual override design available

(Not all models are available with all options listed)

for the Process Control Industries

REPLACING PNEUMATIC OR HYDRAULIC CYLINDERS WITH LONG LASTING ELECTRIC ACTUATORS PROVIDES:



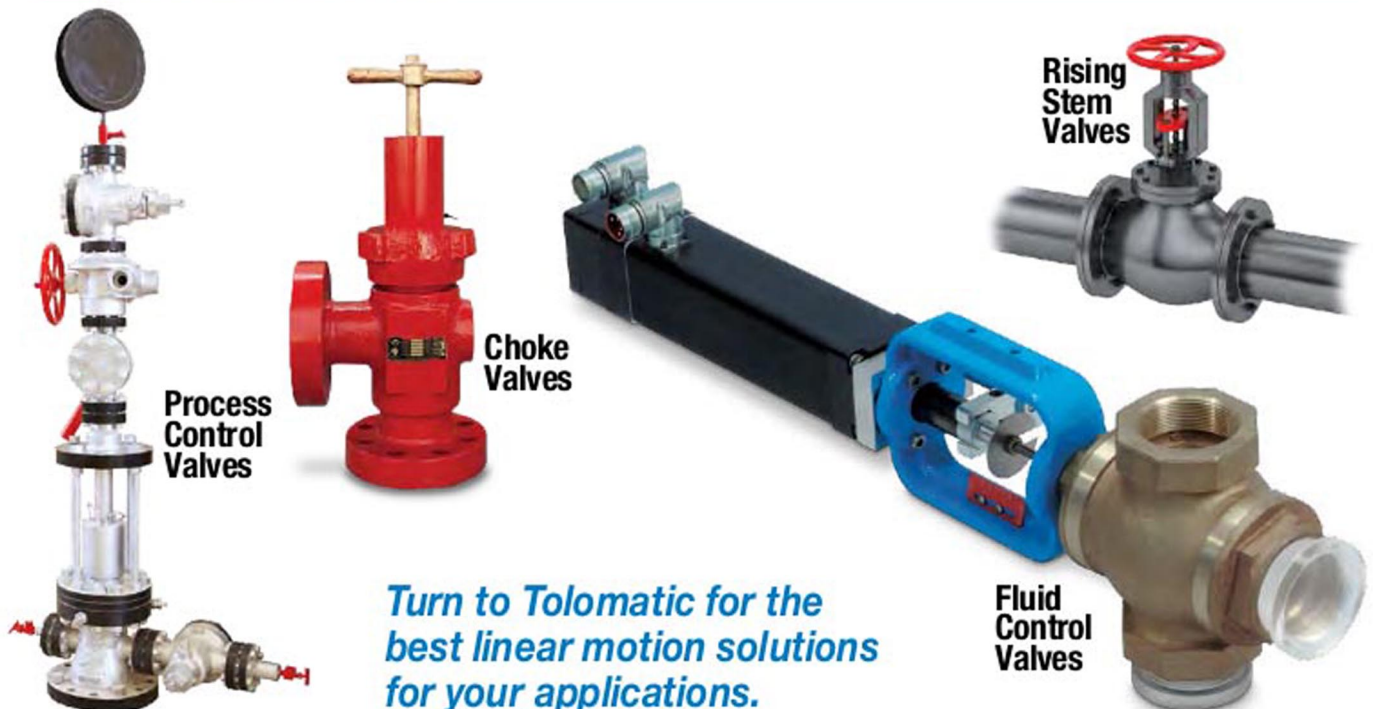
- Precise position, speed, acceleration & force control
- Infinite position flexibility
- Energy efficient – “green” technology
- Cost-effective operation
- Little or no maintenance
- Eliminates multiple components
- Superior accuracy/repeatability
- No contamination risk
- No costly/messy leaks
- Longer life
- Quiet operation

REPLACING TRADITIONAL BRUSH MOTOR SYSTEMS WITH LONG LASTING BRUSHLESS SERVO MOTOR SYSTEMS PROVIDES:

Tolomatic actuators, featuring endurance technology, are ideally suited for the most rigorous applications.

- 100% duty cycle rating with no limit of starts and stops per hour
- Valve repeatability of 0.2% of span or better
- Reduce or eliminate valve stick slip
- High system rigidity means quick response with minimal latency
- High linear speed capabilities
- Long cycle life

USE TOLOMATIC ACTUATORS IN THESE VALVE APPLICATIONS & MORE



THE TOLOMATIC DIFFERENCE

 What you expect from the industry leader:

EXCELLENT CUSTOMER SERVICE & TECHNICAL SUPPORT

Our people make the difference! Expect prompt, courteous replies to all of your application and product questions.



INDUSTRY LEADING DELIVERIES

Tolomatic continues to offer the fastest delivery of standard catalog products. Modified and custom products ship weeks ahead of the competition.

INNOVATIVE PRODUCTS

From standard catalog products... to modified products... to completely unique custom products, Tolomatic designs and builds the best solutions for your challenging applications.

ACTUATOR



ONLINE SIZING & SELECTION SOFTWARE

Online sizing that is easy to use, accurate and always up-to-date. Input your application data and the software will determine a Tolomatic electric actuator to meet your requirements.

3D MODELS & 2D DRAWINGS AVAILABLE ON THE WEB

Easy to access CAD files are available in many popular formats.

ALSO CONSIDER THESE OTHER TOLOMATIC PRODUCTS:

PNEUMATIC PRODUCTS

RODLESS CYLINDERS: Band Cylinders, Cable Cylinders, MAGNETICALLY COUPLED CYLINDERS/SLIDES; GUIDED ROD CYLINDER SLIDES

"FOLDOUT" BROCHURE #9900-9075
PRODUCTS BROCHURE #9900-4028

ELECTRIC PRODUCTS

POWER TRANSMISSION PRODUCTS

GEARBOXES: Float-A-Shaft®, Slide-Rite®; DISC CONE CLUTCH; CALIPER DISC BRAKES

"FOLDOUT" BROCHURE #9900-9076
PRODUCTS BROCHURE #9900-4029

ROD & GUIDED ROD STYLE ACTUATORS, HIGH THRUST ACTUATORS, SCREW & BELT DRIVE RODLESS ACTUATORS, MOTORS, DRIVES AND CONTROLLERS

"FOLDOUT" BROCHURE #9900-9074
PRODUCTS BROCHURE #9900-4016



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