

ENGINEERED SOLUTIONS

Flow  **Products**



- **IMPROVE PRODUCTIVITY**
- **ELIMINATE PRESSURE VARIATIONS**
- **COMPLETE SOLUTIONS PACKAGE**

ERD ELECTRIC ACTUATOR PACKAGES FOR PNEUMATIC CYLINDER SYSTEM UPGRADE

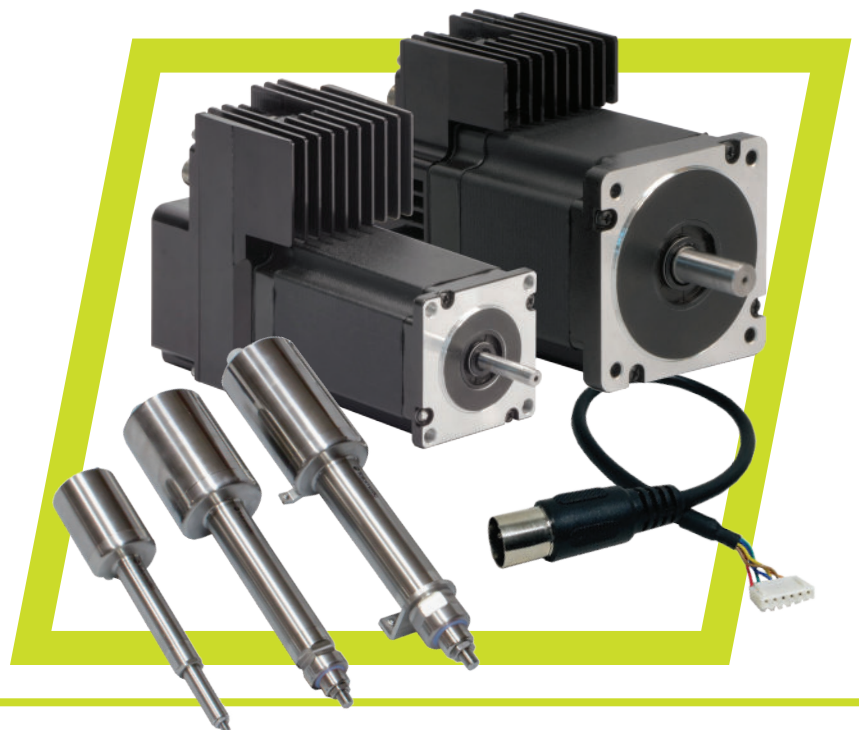
ERD Package is engineered for replacement of pneumatic systems. The packages are offered with a complete set of products and accessories comprised of the following:

- Tolomatic Electric actuator
- Electric Motor
- Drives
- All connecting cables
- Choice of mounting hardware
- Choice of rod end hardware
- Product manuals

TAILORED TO YOU

Today's manufacturing facilities are challenged to improve productivity and efficiency while achieving highest quality standards. In pneumatic systems, variation in airline pressures impacts applied forces and speed of actuation which can lead to frequent adjustments, equipment slow down, variation in quality and loss of productivity.

At Flow Products, we recognize these situations and have engineered a solution: We have configured an offering of **Tolomatic Electric Actuators** for new equipment applications or upgrade into existing pneumatic systems. This electric system eliminates the airline pressure fluctuations and provides consistent, reliable force assuring quality products and improved productivity all with minimal maintenance.



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FEATURES

- Turn-key engineered package
- Improved accuracy and repeatability
- Network communication ready with improved diagnostics
- Standalone programming capability
- Higher productivity – constant force
- Available in 304 SST
- Available with 3A/USDA approval
- ~~deleted~~
- Communication protocol: ProfiNet, EtherCat, EtherNet IP, ModBus

SAMPLE PACKAGES

FLOW PART NO.	TOLOMATIC PART NO.	STROKE	SPEED	FORCE	ACTUATOR MODEL	MOTOR MODEL	DRIVE MODEL	CABLES	MOUNTING OPTIONS	ROD END
FPH1	ERD6-SN02	8 inches (203 mm)	40 in/sec (1016 mm/sec)	20 lbf (89 N)	ERD06SN02 SM203.200 LMI ST1	AMS1A1A1	ACST 1048ED	CR53 Motor, Encoder I/O Cables of 5m length included	Trunnion Foot Mount Front Flange	Clevis Rod End
FPH2	ERD10-BNM05	10 inches (254 mm)	40 in/sec (1016 mm/sec)	100 lbf (445 N)	ERD10BNM05 SM254.00 LMI ST1	AMS1B1A1	ACST 1048ED	CR53 Motor, Encoder I/O Cables of 5m length included	Trunnion Foot mount Front Flange	Clevis Rod End Spherical Rod End
FPH3	ERD15-BNM10	24 inches (610 mm)	40 in/sec (1016 mm/sec)	200 lbf (890 N)	ERD15BNM10 SM609.00 LMI ST1	JVL integrated servo	included	CR53 Motor, Encoder I/O Cables of 5m length included	Trunnion Foot mount Front Flange Rear Clevis	Spherical Rod End Clevis Rod End Alignment Coupler
FPH4	ERD20-BNM10	24 inches (610 mm)	20 in/sec (508 mm/sec)	500 lbf (2224 N)	ERD20BNM10 SM508.00 LMI ST1	JVL integrated servo	included	CR53 Motor, Encoder I/O Cables of 5m length included	Trunnion Foot mount Front Flange Rear Clevis	Spherical Rod End Clevis Rod End Alignment Coupler



CALL TO DISCUSS YOUR ENGINEERED SOLUTION TODAY !

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**POWERFULLY
SMART SOLUTIONS**