

**APPLICATION SOLUTION: Bottle Filling**



**Product Family:** Electric  
**Product Used:** ERD Rod Cylinder  
**Product Type:** Standard

**Application Requirements:**  
**Stroke:** 14 inches  
**Speed:** 3-6 in/sec  
**Load:**

**Application Description:**

Fill four bottles simultaneously from the bottom up at various fill rates.

**Challenge:**

A manufacturer of bottle filling equipment needed bottles to be filled at controlled rates and was currently employing a pneumatic actuator solution. The customer wanted to eliminate the hour change-over time the pneumatic actuators required to accommodate the various bottle heights introduced on the line. The actuators were also subjected to a wash down environment.

**Tolomatic Solution:**

An ERD15 stainless steel rod-style actuator with the IP67 option was chosen for this application to withstand the frequent wash down requirements. Tolomatic provided a custom stroke longer than the standard cataloged offering with fast delivery. The customer was also provided a special motor mount through Tolomatic's Your Motor Here program to retrofit their motor of choice at no additional charge.

**Customer Benefit:**

- Better fill control
- Reduced change-over time
- Efficient economical electric solution