

## ECO Pump (110E/110ER)

### 4000 (180°) ECO Series Pump Features:

- 4000 series straight through T&E cast housing with 4" inlet & outlet.
- Medium Cast Endplates.
- 4" Steel weld flanges.
- 6" helical-cut steel or straight cast rubber gears.
- Requires minimum 4" hose & fitting.
- NOT FOR INFIELD HAULING - caution required when purchasing this option, please call and speak to one of our customer service reps prior to purchasing.

### Part Numbers:

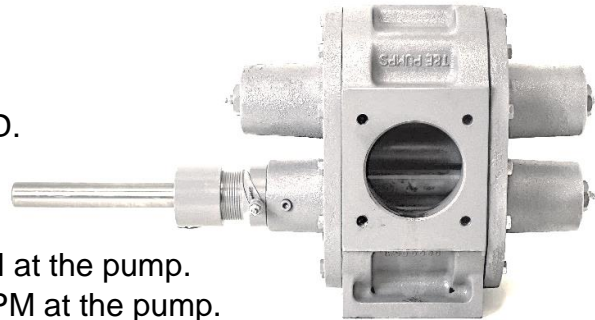
- 110ER 4" T&E 180° eco pump with rubber gears.
- 110E 4" T&E 180° eco pump with steel gears.

### Horsepower Requirements:

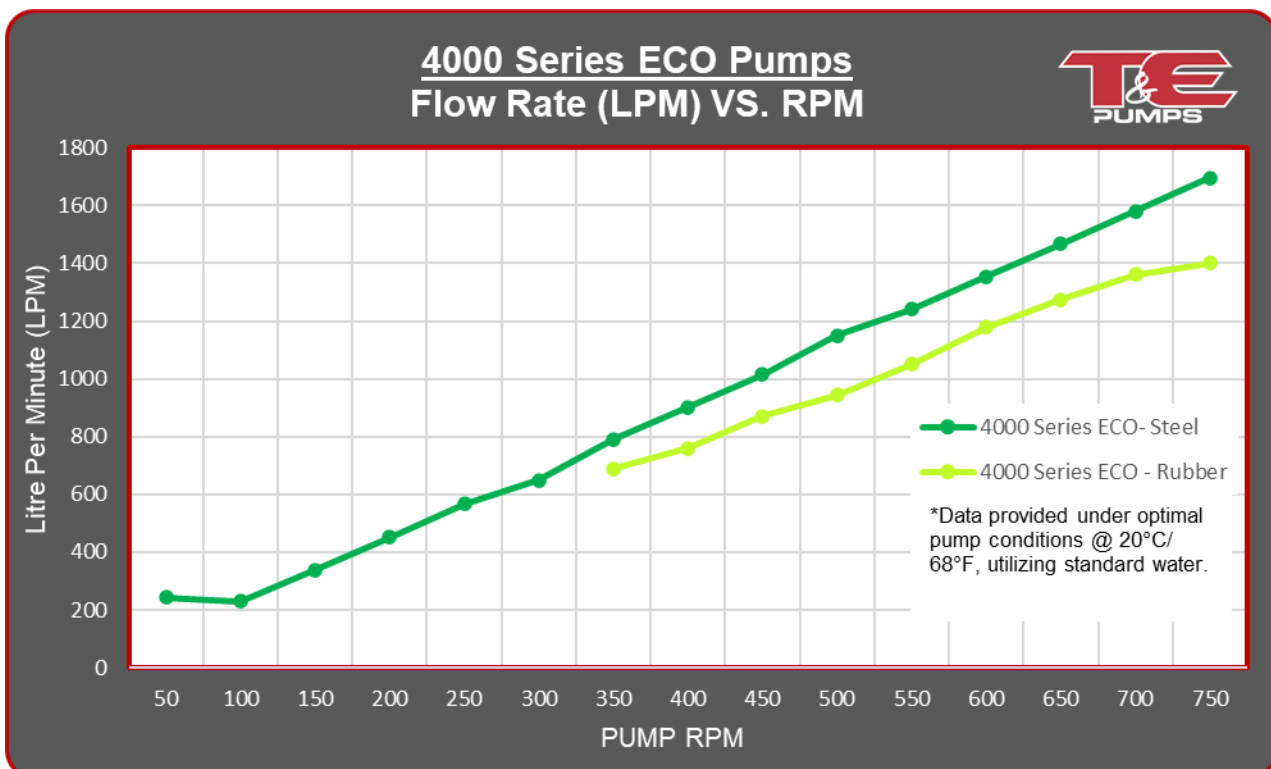
- Hydraulic Motor 30-40hp.
  - 109 Series Recommended.
- Electric Motor 15-20 hp with 440 VFD.

### Recommended Operating Procedures:

- Maximum Temp: 212°F.
- Maximum RPM: 110E - 750 RPM at the pump.  
110ER – 500 RPM at the pump.
- Maximum Pressure: 125 PSI.
  - Note: Pump pressure is maximum safe operating pressure, not the maximum pressure the pump will produce.



NOTE: Flow rates below for 4000 Series ECO Steel are taken from tests done with the std 4000 Series pump.



**Installation Dimensions:**

