2900 Series Industrial Sewage Pump

Applications

Sewage Lift Stations

Industrial Processes

Waste Treatment Plants

Underpass Drainage

Pump

The Series 2900 is a centrifugal type pump fitted with a cast iron impeller accurately machined and balanced for smooth, quiet operation. Capable of passing up to 2 1/2" diameter solids. Available in 3" and 4" discharge, flows up to 425 GPM, and heads up to 50ft.

Mechanical Shaft Seal

Series 2900 pumps are fitted with a mechanical shaft seal, which prevents the liquid being pumped from entering and contaminating the lower sleeve bearing while retaining the lubrication in the pump. Seals are available with hardened faces for abrasive liquid application.

Pump Lubrication

Tramco's lubrication system provides continuous lubrication to the shaft, self-lubricated intermediate and lower sleeve bearings. It eliminates the need for external grease lines or product-lubricated sleeve bearings.

Shaft Column Pipe

The pump is manufactured with schedule 80 hot-dipped galvanized steel.

Shaft

Size 1" high accuracy, grade 1215 turned, ground, and polshed. Shafts are also available in stainless steel.

Discharge Pipe

Size 3" or 4" schedule 40 hot-dipped galvanized steel.

Motor Support Bracket

The heavy cast iron pedestal is accurately machined to house the thrust bearing and align the motor.

Thrust Bearing

The thrust ball bearing is grease lubricated and elevated above the cover plate for protection from dirt and moisture.

Floor Plate Suspension Cover

Heavy-duty 20" diameter steel. Tramco will fabricate covers to duplicate existing pumps and pipe.

Motors

The motor and pump shafts are connected by a flexible coupling that allows the motor to be easily removed without distributing the pump and piping.

Float Control (Optional)

A heavy-duty pedestal-mounted float switch is available. The float ball is stainless steel.

Basin Cover (Optional)

Heavy-duty basin cover capable of supporting vertically suspended pumps and motors. covers are available for simplex, duplex, or other configurations.