2500 SERIES INDUSTRIAL SUMP PUMP

Applications

Sump Drainage
Liquid Transfer
Dewatering
Industrial Process

Pump

The Series 2500 is a centrifugal type pump fitted with a semi-open impeller accurately machined and balanced for smooth, quiet operation.

Mechanical Shaft Seal

Series 2500 pumps are fitted with a mechanical shaft seal, which prevents the liquid being pumped from entering the lower sleeve bearing while retaining the lubrication in the pump. Several seals are available to meet your application.

Pump Lubrication

Tramco's lubrication system provides continuous lubrication to 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 as standard.

Shaft

Size 1" high accuracy, grade 1215 that is turned, ground, and polished. Shafts are also available in stainless steel. External adjustment nut.

Discharge Pipe

The pump is manufactured with schedule 40 hot-dipped galvanized steel as standard.

Motor Support Bracket

The heavy cast 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 steel. Tramco will fabricate covers to duplicate existing pumps and piping.

Motors

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

Strainer

Made of heavy cast iron construction.

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.