



Features

- **Pump Body:** Designed for in-line piping connection complete with ANSI raised flanges.
- **Casing:** Heavy wall steel or stainless steel casing capable of withstanding pressures up to 450 PSI.
- **Impeller:** Features a high efficiency Francis-type enclosed impeller, made from lead-free and low zinc bronze, suitable for potable water applications.
- **Diffuser Bowl:** Utilizes a turbine bowl design for higher efficiencies. Cast iron bowls are glass-lined for maximum efficiency and wear protection.

- **Pump Shaft:** Type 416 stainless steel provides superior strength and corrosion resistance. Shaft is ground and polished providing for a smooth bearing surface.
- **Bearings:** Reliable long-life bronze bearing at each stage.
- **Mechanical Seal:** Cartridge-type seal for easy installation.
- **Shaft Coupling:** 2-piece design with additional space between the motor shaft and the pump shaft providing for easy seal replacement without having to remove the motor. Coupling is precision balanced for vibration free operation when properly installed.
- **Electric Motor:** Standard NEMA C-face close-coupled design for vertical mounting. Thrust bearing generously sized to carry the maximum hydraulic thrust load under all operation conditions.

Features:

- **Available Materials of Construction:**
 - Standard cast iron / bronze fitted construction with bronze bearings
 - 316 stainless steel investment cast construction with vesconite bearings
 - High temperature all iron construction with carbon bearings
- Horizontal installation Available in all three materials of construction.
- High Temperature Service: All iron construction design with keyed impellers suitable for use up to 250° F.

Applications:

- General service water circulation and transfer.
- Pressure boosting and water supply systems.
- Irrigation systems for agricultural and sporting facilities.
- Cleaning systems,
- Water treatment plants – especially applications involving reverse osmosis.
- Circulation of hot and cold water for heating, cooling and air conditioning systems.
- Boiler feed.