

# Split Case Pumps

## PEERLESS TU/TUT

The Peerless TU/TUT is a multistage, single suction, horizontal split case pump. The TU/TUT range allows for higher working pressure and results in higher heads. Handling water and other non abrasive fluids, applications vary from small, single pump commercial installations to large, multi pump municipal water supply systems.

### Key Features and Benefits

- High energy efficiency and low life cycle costs from the robust and easy-to-service split case design
- Standard casing material is a minimum of class 40 cast iron
- Alternate volutes are reversed, balancing transverse pressures on running members
- Bearing bracket supports are cast integral with the lower casing half for permanent alignment of bearings and all rotating parts
- Grease lubricated ball bearings are designed for an average life of 100,000 hours (optionally oil lubricated)
- Standard bronze, renewable casing rings are doweled and shouldered in the casing
- Split at the center line of the pump shaft, the entire rotating element can be removed without disturbing coupling alignment or piping connection
- Stuffing boxes are designed to hold a minimum of five rings of packing with a lantern ring and can be fitted with mechanical seals
- Cast bronze, enclosed type, single suction impellers are carefully machined and dynamically balanced for vibration-free performance and longer bearing life and are keyed to the shaft for positive driving
- Bronze and impeller rings are available, stainless steel impeller and casing rings can be easily fitted
- Upgraded shaft metallurgy is available



### APPLICATIONS

- Raw water intake
- Drinking water treatment
- Water distribution
- Air-conditioning/heating systems
- Public water supply
- Cooling systems
- District cooling/heating plants
- Process cooling

## TU/TUT Technical Data

### TU/TUT INFORMATION

Flow, Q:	max. 45 gpm
Head, H:	max. 1600 ft.
Liquid temp.:	10°F to 300°F
Pressure:	max. 700 psi
Horsepower:	max. 800 hp

