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 dowelled 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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Maximum Value</th>
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<tbody>
<tr>
<td>Flow, Q:</td>
<td>max. 45 gpm</td>
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<tr>
<td>Head, H:</td>
<td>max. 1600 ft.</td>
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<tr>
<td>Liquid temp.:</td>
<td>10°F to 300°F</td>
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<tr>
<td>Pressure:</td>
<td>max. 700 psi</td>
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<tr>
<td>Horsepower:</td>
<td>max. 800 hp</td>
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![TU/TUT Data Graph]

The data graph illustrates the relationship between flow (Q) in US GPM and head (H) in ft for TU/TUT models at 60 Hz.