**NEW Tsurumi Agitator Pump KTD Series** is a cast iron made, heavy-duty slurry pump employing the KTZ Series as the base. An agitator is provided to assist smooth suction of the pumping fluid. The side-flow, top-discharge design keeps the motor cooling even if the pump is operated continuously with its motor exposed in air, and it makes the pump easier to place in a confined space.

**KTD Series** is suitable for transferring or draining bentonite slurry used for slurry drilling, draining slurry mixed water in civil engineering works or foundation works.

### Standard Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Motor Output (HP)</th>
<th>Rated Current (A)</th>
<th>RPM</th>
<th>Discharge Size (in.)</th>
<th>Maximum Capacity (GPM)</th>
<th>Maximum Head (ft.)</th>
<th>Dimension (in.)</th>
<th>Continuous Running Water Level (in.)</th>
<th>Pump Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KTD22.0</td>
<td>4</td>
<td>8.7*</td>
<td>3410</td>
<td>2</td>
<td>111</td>
<td>66</td>
<td>11 11/16</td>
<td>25 3/4</td>
<td>6 1/4</td>
</tr>
<tr>
<td>KTD33.0</td>
<td>4</td>
<td>12.0*</td>
<td>3410</td>
<td>3</td>
<td>209</td>
<td>75</td>
<td>11/16</td>
<td>25 3/4</td>
<td>6 1/4</td>
</tr>
</tbody>
</table>

* : 208 & 230V same motor

### Major Components & Specifications

**Discharge Bore**: inches 2 3

**Pumping Fluid**: Sludge, Slurry, Fluid containing Mud

**Fluid Temperature**: 32 ~ 104°F

**Structure**: Impeller Semi-open

**Shaft Seal**: Double Mechanical Seal with Oil Lifter

**Bearing**: Double-shielded Ball Bearing

**Materials**: High-chromium Cast Iron

**Shaft Seal**: Silicon Carbide

**Casing**: Gray Cast Iron

**Agitator**: Ductile Cast Iron

**Type, Pole**: Dry Type Submersible Induction Motor, 2-pole

**Insulation**: Class F

**Phase**: Three-phase

**Starting Method**: Direct on Line

**Protection Device (Built-in)**: Circle Thermal Protector

**Lubricant**: Turbine Oil (ISO VG32)

**Motor**: Frame Gray Cast Iron

**Shaft**: 420 Stainless Steel

**Cable**: PVC (KTD22.0) Chloroprene Rubber (KTD33.0)

**Discharge Connection**: NPT Coupling

* We reserve the right to change the specifications and designs for improvement without prior notice.

### Performance Curves

![Performance Curves Graph](image)