



**TSURUMI PUMP**

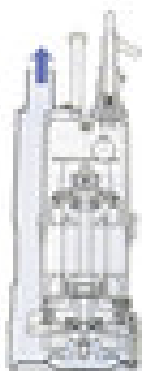
**KTZE** 3-phase  
50Hz

Heavy duty dewatering pump - equipped with  
electrode auto control system  
- for professional use

Generally applicable high grade pump that can  
be used efficiently in draining in civil engineering.  
Maximum water depth 25m.  
Incorporating on the job requirements in the  
initial product design, Tsurumi has built a  
powerful new series of pumps to match the  
demands of tough drainage jobs.



## Top Discharge



Pumped water cools the motor and discharges as illustrated. The motor can be cooled even when pumping a small amount of water. The top discharge arrangement allows access into areas with space limitations.

## Rugged

By offering a cast iron pump body, our durability is increased over standard aluminium body pumps. With each motor size there is a choice between high head and high volume performance ranges.



## Electrode auto control system

The KTZE-type is equipped with a new electrode type control system. This prevents unnecessary dry operation, which makes it ideal for work environments where noise must be prevented, for example, in night operation in residential areas. Pump operating is started when the water level rises and contacts the electrode. When the water-electrode contact is lost the timer starts operating and after one minute pump operation is stopped

## Components:

|                     |                     |
|---------------------|---------------------|
| 001 Cable           | 051 Head cover      |
| 006 Cable entrance  | 052A Upper bearing  |
| 020 Pump casing     | 052B Lower bearing  |
| 021 Impeller        | 053 Motor protector |
| 022 Suction plate   | 054 Shaft           |
| 023 Strainer        | 055 Rotor           |
| 025 Mechanical seal | 056 Stator          |
| 026 Oil sealing     | 060 Bearing housing |
| 030 Oil lifter      | 064 Motor casing    |
| 032. Outlet         | 068 Handle          |
| 035 Oil plug        | 090. Electrode      |
| 036 Lubricant       | 114 Relay           |
| 050 Motor cover     |                     |

